Integrated Dell Remote Access Controller 9

Attribute Registry

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DELL Technologies

Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your product.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Introduction

This document provides information about the manageable attributes of iDRAC and its other components like BIOS, FC, NIC, Storage, InfiniBand, System, and Lifecycle Controller.

NOTE: All string values are limited to displayable ASCII characters, except where otherwise noted.

NOTE: Attribute information can also be accessed through the RACADM interface by running the Help command or through Redfish interface by running GET on redfish/v1/Registries.

NOTE: If an attribute is not present in the Attribute Registry guide, you can refer to Redfish(redfish/v1/Registries) to get the information.

Topics:

- New features added

New features added

NOTE: For details about the previous releases, if applicable, or to determine the most recent release for your platform, and for the latest documentation version, see KB article 00178115 available at Integrated Dell Remote Access Controller 9 Versions and Release Notes

This section provides the list of new features that are added in the following releases:

- Firmware version 7.30.10.50
- Firmware version 7.20.70.50
- Firmware version 7.20.60.50
- Firmware version 7.20.30.50
- Firmware version 7.20.10.50
- Firmware version 7.10.90.00
- Firmware version 7.10.70.00
- Firmware version 7.10.50.00
- Firmware version 7.10.30.00
- Firmware version 7.00.60.00
- Firmware version 7.00.30.00

Firmware version 7.30.10.50

The following attributes were added in this release:

- Added support for `iDRAC.Redfish.BasicAuthState` attribute.
- Added support for `LifecycleController.LCAttributes.UpdateNotification` attribute.
- Added support for `Storage.VirtualDisk.BootVD` attribute.
- Added support for `Storage.VirtualDisk.RAIDdefaultReadPolicy` attribute.
- Added support for `Storage.VirtualDisk.RAIDdefaultWritePolicy` attribute.

Firmware version 7.20.70.50

The following attributes were added in this release:

- Added support for `BIOS.ProcSettings.AmdICCfgDisIT01Byp` attribute.
- Added support for `BIOS.ProcSettings.TdpControl` attribute.

Firmware version 7.20.60.50

The following attributes were added in this release:

- Added support for `iDRAC.SNMP.SysContact` attribute.
- Added support for `System.Job.RebootJobType` attribute.

Firmware version 7.20.30.50

The following attributes were added in this release:

- Added support for `BIOS.ProcSettings.OpportunisticSnoopBroadcast` attribute.
- Added support for `BIOS.ProcSettings.ProcConfigTdpManual` attribute.
- Added support for `BIOS.ProcSettings.VirtualNuma` attribute.
- Added support for `BIOS.ProcSettings.VirtualNumaNodes` attribute.
- Added support for `BIOS.SysSecurity.MaxPasswordAge` attribute.
- Added support for `BIOS.SysSecurity.PasswordHistory` attribute.
- Added support for `BIOS.SysSecurity.PasswordRotation` attribute.
- Added support for `BIOS.SysSecurity.SetupPwdExpirationDate` attribute.
- Added support for `BIOS.SysSecurity.SystemPwdExpirationDate` attribute.

Firmware version 7.20.10.50

The following attributes were added in this release:

- Added support for BIOS.MemSettings.CurrentCXLMemoryInterleaveMode
- Added support for BIOS.MemSettings.CXLMemoryAttribute
- Added support for BIOS.MemSettings.CxlMemoryRef
- Added support for BIOS.MemSettings.CxlMemSize
- Added support for BIOS.MemSettings.DdrSize
- Added support for BIOS.SysProfileSettings.DfCState
- Added support for BIOS.SysProfileSettings.DfPstate
- Added support for BIOS.ProcSettings.DynamicIss
- Added support for BIOS.IntegratedDevices.IioPcieDataLinkFeatureExchange
- Added support for BIOS.SysProfileSettings.LatencyOptimizedMode
- Added support for BIOS.MemSettings.PagingPolicy
- Added support for BIOS.ProcSettings.PrebootDmaProtection

Firmware version 7.10.90.00

Following attributes were added in this release:

- Added support for BIOS.MiscSettings.AcpiFpdt
- Added support for BIOS.NetworkSettings.HostNqnMode
- Added support for BIOS.NetworkSettings.NvmeofHostDellNqn
- Added support for BIOS.NetworkSettings.NvmeofHostUuidNqn
- Added support for BIOS.ProcSettings.Proc0Brand
- Added support for BIOS.ProcSettings.Proc0ControlledTurbo
- Added support for BIOS.ProcSettings.Proc0ControlledTurboMinusBin
- Added support for BIOS.ProcSettings.Proc0Cores
- Added support for BIOS.ProcSettings.Proc0Id
- Added support for BIOS.ProcSettings.Proc0L2Cache
- Added support for BIOS.ProcSettings.Proc0L3Cache
- Added support for BIOS.ProcSettings.Proc0MaxMemoryCapacity
- Added support for BIOS.ProcSettings.Proc0Microcode
- Added support for BIOS.ProcSettings.Proc0NumCores
- Added support for BIOS.ProcSettings.Proc0PPIN

- Added support for BIOS.ProcSettings.ProcConfigPptManual
- Added support for BIOS.ProcSettings.ProcessorActivePbf
- Added support for BIOS.ProcSettings.ProcessorSstCpSetting
- Added support for BIOS.ProcSettings.UmaBasedClusteringStatus
- Added support for BIOS.SysInformation.MpioVersion
- Added support for BIOS.SysProfileSettings.BoostFMaxManual
- Added support for BIOS.SysProfileSettings.PeriodicDirectoryRinseTuning
- Added support for iDRAC.SCV.FirmwareCertificateVersion

Firmware version 7.10.70.00

Following attributes were added in this release:

- Added support for `BIOS.NetworkSettings.NvmeofHostCustomNqn` attribute.
- Added support for `BIOS.ProcSettings.PptControl` attribute.
- Added support for `BIOS.SysProfileSettings.BoostFMax` attribute.
- Added support for `BIOS.SysProfileSettings.DeterminismControl` attribute.
- Added support for `BIOS.SysProfileSettings.DfPstateFreqOptimizer` attribute.
- Added support for `BIOS.SysProfileSettings.Hsmp` attribute.
- Added support for `BIOS.SysProfileSettings.PowerProfileSelect` attribute.
- Added support for `iDRAC.SSH.RotateHostKeyRequested` attribute.

Firmware version 7.10.50.00

Following attributes were added in this release:

- Added support for `BIOS.BootSettings.InteractiveMode` attribute.
- Added support for `BIOS.IntegratedDevices.NicAcpi` attribute.
- Added support for `BIOS.SysSecurity.MemoryEncryption` attribute.
- Added support for `iDRAC.PLDMConfiguration.PLDMLogRetrieval` attribute.

Firmware version 7.10.30.00

Following attributes were added in this release:

- Added support for `iDRAC.PlatformCapability.SharedStorageCapable` attribute.
- Added support for `BIOS.NetworkSettings.NvmeofEnDis` attribute.
- Added support for `BIOS.ProcSettings.ProcAvxP1` attribute.

Firmware version 7.00.60.00

Following features were added in this release:

- Added support for `iDRAC.SCV.CertificateVersion` attribute.
- Added support for `BIOS.MemSettings.PPROnUCE` attribute.
- Added support for `BIOS.SysSecurity.InFieldScan` attribute.

Firmware version 7.00.30.00

Following features were added in this release:

- Added support for `iDRAC.Logging.LCDuplicateEventEnable` attribute.
- Added support for `BIOS.ProcSettings.CpuAcpiCstC2Latency` attribute.
- Added support for `BIOS.ProcSettings.OptimizerMode` attribute.
- Added support for `BIOS.SysProfileSettings.CustomUncoreFrequency` attribute.
- Added support for `BIOS.SysProfileSettings.ProcessorApsRocketing` attribute.
- Added support for `BIOS.SysProfileSettings.ProcessorScalability` attribute.

- Added support for `BIOS.SysSecurity.StrongPassword` attribute.
- Added support for `BIOS.SysSecurity.StrongPasswordMinLength` attribute.

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BIOS Attributes

BIOS.BiosBootSettings.BiosBootSeq

Description	This field tells the system where to find the operating system files needed for system startup. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeq

Description	This field tells the system where to find the operating system files needed for system startup. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis1

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis10

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis11

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis12

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis13

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis14

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis15

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis16

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis17

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis18

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis19

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis2

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis20

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis3

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis4

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis5

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis6

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis7

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis8

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.BootSeqEnDis9

Description	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BiosBootSettings.SetBootOrderDis2

Description	The SetBootOrderDis fields specify a list of Fqdds representing the boot option. Disabled to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.BiosBootSettings.SetBootOrderEn2

Description	The SetBootOrderEnDis fields specify a list of Fqdds representing the boot option. Enable to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.BootSettings.BootMode

Description	Determines whether the BIOS attempts to boot the OS via the method defined by the Unified Extensible Firmware Interface (UEFI) specification or via the legacy (BIOS) method. Selecting BIOS ensures compatibility with older operating systems that do not support the UEFI method. Many newer operating systems are UEFI-aware, and some of them may also support legacy boot methods.
Legal Values	• Bios • Uefi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.BootSeqRetry

Description	This field enables or disables the Boot Sequence Retry feature or resets the system. If the last attempt to boot has failed, the system immediately performs a cold reset or retries to boot after a 30 second time-out period, depending on if this field is set to Reset or Enabled.
Legal Values	• Enabled • Disabled • Reset
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.GenericUsbBoot

Description	When set to Enabled, a Generic USB Boot placeholder will be placed in the UEFI Boot Sequence, which will map to the first bootable USB device in the boot sequence. This allows the entry to remain present even if the USB device is not present. This is only available in UEFI Boot Mode.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.HddFailover

Description	When Boot Mode is BIOS, this field specifies the devices in the Hard-Disk Drive Sequence menu the BIOS will attempt to boot. This field has no effect when Boot Mode is UEFI. When set to Disabled, the BIOS will only attempt to boot the first Hard-Disk device in the list. When set to Enabled, the BIOS will attempt to boot each Hard-Disk device in order until it is successful or the entire Hard-Disk Drive Sequence has been attempted.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.HddPlaceholder

Description	When set to Enabled, a Generic RAID HDD placeholder will be placed into the UEFI Boot Sequence. The entry will remain present until an operating system or a bootable file is installed on the RAID disk. This setting is only available in UEFI Boot Mode.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.HddSeq

Description	This field specifies the order in which hard-disk drives will be configured in the system. The first hard drive in the system will be the bootable C: drive in DOS/DOS-like operating systems. This field applies only when Boot Mode is BIOS; it has no effect when Boot Mode is UEFI.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.InteractiveMode

Description	When set to Enabled, if the current boot option returns with a success (zero) status, the BIOS will stop processing further boot options and present the boot manager menu to the user. When set to Disabled, if the current boot option returns with a success (zero) status, the BIOS will proceed to the next boot option. This setting is only available in UEFI boot mode. This setting does not affect the behavior when the current boot option returns with a failed (non-zero) status; in that case, BIOS will always proceed to the next boot option.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.BootSettings.SetBootOrderDis

Description	The SetBootOrderDis fields specify a list of Fqdds representing the boot option. Disabled to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderEn

Description	The SetBootOrderEnDis fields specify a list of Fqdds representing the boot option. Enable to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd1

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd10

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd11

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd12

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd13

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd14

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd15

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd16

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd2

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd3

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd4

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd5

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd6

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd7

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd8

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetBootOrderFqdd9

Description	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd1

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd10

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd11

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd12

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd13

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd14

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd15

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd16

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd2

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd3

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd4

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd5

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd6

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd7

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd8

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SetLegacyHddOrderFqdd9

Description	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.BootSettings.SysPrepClean

Description	When set to None, BIOS will do nothing. When set to Yes, BIOS will delete variables of SysPrep #### and SysPrepOrder on next booting. This option is onetime option, will reset to none when delete variables. This setting is only available in UEFI Boot Mode.
Legal Values	• None • Yes
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.EmbServerMgmt.FrontLcd

Description	This field allows you to select whether to display the Default (Model name and number) or a user-defined string in the front-panel LCD display. To modify the advanced features of the front-panel LCD, press F2 during boot to enter System Setup and then select iDRAC Settings.
Legal Values	• None • UserDefined • ModelNum • Advanced
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.EmbServerMgmt.UserLcdStr

Description	This field allows you to view/enter the User-Defined String to be displayed on the LCD. The string can be 62 characters long.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1DhcpEnDis

Description	DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Dns1

Description	Primary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Dns2

Description	Secondary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.
Legal Values	• Enabled • Disabled
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Gateway

Description	Gateway for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Interface

Description	NIC interface used for this HTTP device
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Ip

Description	IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Ipv6Address

Description	IPv6 Unicast address for this HTTP Device.

Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Ipv6DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Mask

Description	Subnet mask for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Protocol

Description	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
Legal Values	• IPv4 • IPv6
Default Value	IPv4
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1VlanEnDis

Description	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1VlanId

Description	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1VlanPriority

Description	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1v6AutoConfig

Description	IPv6 Auto Configuration Enabled/Disabled for this HTTP Device. Enabled : IPv6 address and Gateway will be assigned by DHCPv6 server dynamically. Disabled : IPv6 address and Gateway need to be assigned by user statically.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1v6Dns1

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1v6Dns2

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1v6Gateway

Description	Gateway for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1v6PrefixLen

Description	IPv6 Prefix Length (0~128) for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1Settings.HttpDev1v6Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev1TlsConfig.HttpDev1TlsMode

Description	This field is to set the authetication mode for this HTTP device.
Legal Values	• None • OneWay
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	bios.networkSettings.HttpDev1EnDis

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2DhcpEnDis

Description	DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Dns1

Description	Primary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Dns2

Description	Secondary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Gateway

Description	Gateway for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Interface

Description	NIC interface for this HTTP device
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Ip

Description	IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Ipv6Address

Description	IPv6 Unicast address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Ipv6DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Mask

Description	Subnet mask for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Protocol

Description	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
Legal Values	• IPv4 • IPv6
Default Value	IPv4
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2VlanEnDis

Description	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2VlanId

Description	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2VlanPriority

Description	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2v6AutoConfig

Description	IPv6 Auto Configuration Enabled/Disabled for this HTTP Device. Enabled : IPv6 address and Gateway will be assigned by DHCPv6 server dynamically. Disabled : IPv6 address and Gateway need to be assigned by user statically.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2v6Dns1

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2v6Dns2

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2v6Gateway

Description	Gateway for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2v6PrefixLen

Description	IPv6 Prefix Length (0~128) for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2Settings.HttpDev2v6Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev2TlsConfig.HttpDev2TlsMode

Description	This field is to set the authetication mode for this HTTP device.
Legal Values	• None • OneWay
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	bios.networkSettings.HttpDev2EnDis

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3DhcpEnDis

Description	DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Dns1

Description	Primary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Dns2

Description	Secondary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Gateway

Description	Gateway for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Interface

Description	NIC interface for this HTTP device
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Ip

Description	IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Ipv6Address

Description	IPv6 Unicast address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Ipv6DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Mask

Description	Subnet mask for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Protocol

Description	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
Legal Values	• IPv4 • IPv6
Default Value	IPv4
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3VlanEnDis

Description	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3VlanId

Description	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3VlanPriority

Description	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3v6AutoConfig

Description	IPv6 Auto Configuration Enabled/Disabled for this HTTP Device. Enabled : IPv6 address and Gateway will be assigned by DHCPv6 server dynamically. Disabled : IPv6 address and Gateway need to be assigned by user statically.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3v6Dns1

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3v6Dns2

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3v6Gateway

Description	Gateway for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3v6PrefixLen

Description	IPv6 Prefix Length (0~128) for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3Settings.HttpDev3v6Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev3TlsConfig.HttpDev3TlsMode

Description	This field is to set the authetication mode for this HTTP device.
Legal Values	• None • OneWay
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	bios.networkSettings.HttpDev3EnDis

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4DhcpEnDis

Description	DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Dns1

Description	Primary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Dns2

Description	Secondary DNS server IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device. When the protocol is set to IPv6, this field is forced to Enabled.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Gateway

Description	Gateway for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Interface

Description	NIC interface for this HTTP device
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Ip

Description	IP address for this HTTP Device. When the protocol is set to IPv6, this field is configured automatically.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Ipv6Address

Description	IPv6 Unicast address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Ipv6DnsDhcpEnDis

Description	DNS information from DHCP Enable/Disable for this HTTP Device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Mask

Description	Subnet mask for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Protocol

Description	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
Legal Values	• IPv4 • IPv6
Default Value	IPv4
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4Uri

Description	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the networks DHCP server and ask it for the boot file name.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4VlanEnDis

Description	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4VlanId

Description	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4VlanPriority

Description	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4v6AutoConfig

Description	IPv6 Auto Configuration Enabled/Disabled for this HTTP Device. Enabled : IPv6 address and Gateway will be assigned by DHCPv6 server dynamically. Disabled : IPv6 address and Gateway need to be assigned by user statically.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4v6Dns1

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4v6Dns2

Description	DNS server IP address for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4v6Gateway

Description	Gateway for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4v6PrefixLen

Description	IPv6 Prefix Length (0~128) for this HTTP Device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4Settings.HttpDev4v6Uri

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.HttpDev4TlsConfig.HttpDev4TlsMode

Description	This field is to set the authetication mode for this HTTP device.
Legal Values	• None • OneWay
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	bios.networkSettings.HttpDev4EnDis

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.AcpiConsistentNicName

Description	"Enable/Disables ACPI consistent network device naming. " "When set to Enabled, publish ACPI consistent network device naming information for all NICs." "Warning: Changing this setting will cause the NIC name to change under Linux. "
Legal Values	String of ASCII characters.
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	Per customer request, we will provide this option from 17G and above. No plan to back porting 16G so far.

BIOS.IntegratedDevices.CurrentEmbVideoState

Description	Read-only. Indicates the current state of the Embedded Video Controller. If the Embedded Video Controller is the only display capability in the system (that is, no add-in graphics card is installed), then the Embedded Video Controller is automatically used as the primary display even if the Embedded Video Controller setting is Disabled.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic1

Description	Enables or disables the embedded NIC. NOTE: If set to Disabled (OS), the embedded NIC may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system. There is only one onboard RJ45 port shared between BIOS and iDRAC. So it can only be enabled when iDRAC NIC selection is set to Shared. If the iDRAC setting is Dedicated, it will be grayed out and forced to Disabled.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic1Nic2

Description	Enables or disables the OS interface of the embedded NIC1 and NIC2 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
Legal Values	• Enabled • DisabledOs • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic1Nic2Nic3Nic4

Description	Enables or disables the OS interface of the embedded NIC1, NIC2, NIC3 and NIC4 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
Legal Values	• Enabled • DisabledOs • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic2

Description	No description information available.
Legal Values	• Enabled • EnabledPxe • EnablediScsi • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic3

Description	No description information available.
Legal Values	• Enabled • EnabledPxe • EnablediScsi • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic3Nic4

Description	Enables or disables the OS interface of the embedded NIC3 and NIC4 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
Legal Values	• Enabled • DisabledOs • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic4

Description	No description information available.
Legal Values	• Enabled • EnabledPxe • EnablediScsi • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic5Nic6Nic7Nic8

Description	Enables or disables the OS interface of the embedded NIC5, NIC6, NIC7 and NIC8 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	- Embedded LOM1 with 4 ports with FQDD NIC.Embedded.1-* to NIC.Embedded.4-*. - Embedded LOM2 with 4 ports with FQDD NIC.Embedded.5-* to NIC.Embedded.8-*.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNic9Nic10Nic11Nic12

Description	Enables or disables the OS interface of the embedded NIC9, NIC10, NIC11 and NIC12 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	- Embedded LOM1 with 4 ports with FQDD NIC.Embedded.1-* to NIC.Embedded.4-*. - Embedded LOM2 with 4 ports with FQDD NIC.Embedded.5-* to NIC.Embedded.8-*. - Embedded LOM3 with 4 ports with FQDD NIC.Embedded.9-* to NIC.Embedded.12-*.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNicPort1BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNicPort2BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNicPort3BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbNicPort4BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None

- Pxe
- Iscsi

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.EmbVideo

Description	Enables or disables the use of the Embedded Video Controller as the primary display. When set to Enabled, the Embedded Video Controller will be the primary display even if add-in graphics cards are installed. When set to Disabled, an add-in graphics card will be used as the primary display. BIOS will output displays to both the primary add-in video and the embedded video during POST and pre-boot environment. The embedded video will then be disabled right before the operating system boots. Note: When there are multiple add-in graphics cards installed in the system, the first card discovered during PCI enumeration is selected as the primary video. You may have to re-arrange the cards in the slots in order to control which card is the primary video controller.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.GlobalSlotDriverDisable

Description	If you set this field to Enabled, the BIOS will not load any legacy option ROMs (when Boot Mode is BIOS) or UEFI drivers (when Boot Mode is UEFI) for any cards in the system slots. If the boot support for some card is provided by the option ROM, then the system will not be able to boot from the card, nor will its pre-boot services be available. However, the card will be available for operating system use. If you do not want this behavior or you would like to limit which slots have this behavior, set this field to Disabled. Use the Slot Disablement setting to limit the slots having this behavior. This option does not apply to any slot containing a Dell RAID card.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IioPcieDataLinkFeatureExchange

Description	This field allows globally disabling PCIe Data Link Feature Exchange. This may be needed to support certain legacy hardware.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.IntNic1Port1BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic1Port2BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic1Port3BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic1Port4BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic2Port1BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic2Port2BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic2Port3BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntNic2Port4BootProto

Description	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read.

	There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
Legal Values	• Unknown • None • Pxe • Iscsi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntegratedNetwork1

Description	Enables or disables the integrated network card (NDC). When set to Disabled, the NDC is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NICs may still be available for shared network access by iDRAC.
Legal Values	• DisabledOs • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntegratedNetwork2

Description	Enables or disables the second integrated network card (NDC). When set to Disabled, the NDC is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NICs may still be available for shared network access by iDRAC.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntegratedRaid

Description	Enables or disables the integrated RAID controller. When set to Disabled, the device is not visible to the operating system (OS).

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IntegratedSas

Description	Enables or disables the integrated SAS controller. When set to Disabled, the device is not visisble to the operating system (OS).
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalSdCard

Description	Enables or disables the internal SD Card port.
Legal Values	• On • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalSdCardPresence

Description	Indicate the presence state of the Internal Dual SD module (IDSDM).
Legal Values	• None • SdCard1Only • SdCard2Only • Both
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalSdCardPrimaryCard

Description	When Redundancy is set to Disabled, either one of the SD card can be selected to present itself as mass storage device by setting it to be primary card. By default primary SD card is selected to be SD Card 1. If SD Card 1 is not present, then controller will select SD Card 2 to be primary SD card.
Legal Values	• SdCard1 • SdCard2
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalSdCardRedundancy

Description	Configures the redundancy mode of the Internal Dual SD module (IDSDM). When set to Mirror Mode, data is written to both SD cards. After failure of either card and replacement of the failed card, the data of the active card is copied to the offline card during the system boot. When Redundancy is set to disabled, only the primary SD Card is visible to the OS.
Legal Values	• Mirror • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalUsb

Description	Enables or disables the internal USB port.
Legal Values	• On • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalUsb1

Description	Enables or disables the internal USB port 1.
Legal Values	• On • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.InternalUsb2

Description	Enables or disables the internal USB port 2.
Legal Values	• On • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IoNonPostedPrefetch

Description	Controls the PCIe throughput by enabling or disabling the PCI IO non-posted prefetch mode. When set to Enabled, memory reads from PCI devices are optimized. However, performance may be reduced for writes from PCI devices.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.IoatEngine

Description	Enables or disables the I/O Acceleration Technology (I/OAT). I/OAT is a set of DMA features designed to accelerate network traffic and lower CPU utilization. This feature should be enabled only if the hardware and software support I/OAT.
Legal Values	• Enabled

	• Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.MemoryMappedIOH

Description	MMIO base default is 56TB. User should not change the default value unless addressing a known issue. When set to 12TB, the system will map MMIO base to 12TB. Enable this feature for an OS that requires 44bit PCIe addressing. When set to 512GB, the system will map MMIO base to 512GB, and reduce the maximum support for memory to less than 512GB. Enable this option only for the 4 GPU DGMA issue.
Legal Values	• 512GB • 12TB • 56TB
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.MmioAbove4Gb

Description	Enables support for PCIe devices that require large amount of MMIO resources. Enable this option only for 64-bit operating systems.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.MmioLimit

Description	When set to 1TB, the system will restrict maximum MMIO space to 1TB. Enable this feature for devices not support above 1TB addressing.
Legal Values	• 8TB • 1TB
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.Ndc1PcieLink1

Description	Enables or disables the integrated network card (NDC) PCIe link. When set to Disabled, the NDC link is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NIC may still be available for shared network access by iDRAC.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This Attribute allows more granularity in controlling (Enabling/Disabling) NDC1 if present. This attribute is only displayed and used when NdcPcieLinkControl internal attribute default value is set to "Individual".This is most likey done in a PM (OEM ID).

BIOS.IntegratedDevices.Ndc1PcieLink2

Description	Enables or disables the integrated network card (NDC) PCIe link. When set to Disabled, the NDC link is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NIC may still be available for shared network access by iDRAC.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This Attribute allows more granularity in controlling (Enabling/Disabling) NDC. This attribute is only displayed and used when NdcPcieLinkControl internal attribute default value is set to "Individual".This is most likey done in a PM (OEM ID).

BIOS.IntegratedDevices.Ndc1PcieLink3

Description	Enables or disables the integrated network card (NDC) PCIe link. When set to Disabled, the NDC link is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NIC may still be available for shared network access by iDRAC.
Legal Values	• Enabled • DisabledOs
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This Attribute allows more granularity in controlling (Enabling/Disabling) NDC. This attribute is only displayed and used when NdcPcieLinkControl internal attribute default value is set to "Individual".This is most likey done in a PM (OEM ID).

BIOS.IntegratedDevices.NicAcpi

Description	"Enable/Disables NIC ACPI device name information. " "When set to Enabled, publish ACPI device name for NICs on PCIe slots. " "Warning: Changing this setting will cause the NIC name to change under Linux. "

Legal Values	String of ASCII characters.
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.OsWatchdogTimer

Description	If the system stops responding, this watchdog timer helps in the recovery of your operating system (OS). When set to Enabled, the OS is allowed to initialize the timer. When it is set to Disabled, the timer will have no effect on the system.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PCIRootDeviceUnhide

Description	If set to Enabled, root ports of all the empty slots will be accessible to the BIOS and OS.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PcieBusCustomization

Description	Common Help Text: Provide options for customizing the allocation of PCIe bus ranges to PCIe slots. This can be useful when connecting complex device sets to a slot. PCIe Bus System Allocation uses the normal rules of the system to allocate bus ranges. PCIe Bus Custom Allocation Option 1 increases the bus ranges allocated to the wider slots. PCIe Bus Custom Allocation Option 2 increases the bus range allocated to one of the wide slots more than with option 1. PCIe Bus Custom Allocation Option 3 allocates the largest bus range practical to one of the wide slots. Note that use of this option may cause insufficient resources to be available for remaining slots and prevent the system from functioning.
Legal Values	• PcieBusUniform • PcieBusCustomOpt1 • PcieBusCustomOpt2 • PcieBusCustomOpt3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available on R7920. Controlled by DPI feature: FeatureSupport.PcieBusCustomizable

BIOS.IntegratedDevices.PcieEnhancedPreferredIo

Description	When Enhanced Preferred IO is enabled the LCLK speed for the root complex where Preferred IO is enabled will automatically be set to 600 MHz (effective 593 MHz)
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PciePreferredIoBusVal

Description	This field sets the PCI bus address that preferred IO device resides. Bus address ranges from [0x0:0xFF].
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PciePreferredIoDevice

Description	In certain platform configurations it is possible to improve the performance of an endpoint by enabling Pcie Preferred IO Device. To select a particular addin device, references the PCI bus/device/function address(in decimal) of the add-in card when requesting Preferred I/O for the device
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PciePreferredIoDeviceBus

Description	This field sets the PCI bus address that preferred IO device resides. Bus address ranges from [0x0:0xFF].
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PciePreferredIoDeviceDev

Description	This field sets the PCI device address that preferred IO device resides. Device address ranges from [0x0:0x1F].
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.PciePreferredIoDeviceFun

Description	This field sets the PCI function address that preferred IO device resides. Function address ranges from [0x0:0x7].
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.RipsPresence

Description	Indicate the presence state of the RIPS (Redundant Internal Persistent Storage).
Legal Values	• RipsPresenceYes • RipsPresenceNo
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.SnoopHldOff

Description	Selects the number of cycles PCI I/O can withhold snoop requests, from the CPU, to allow time to complete its own write to LLC. This setting can help improve performance on workloads where throughput and latency are critical.
Legal Values	• Roll256Cycles • Roll512Cycles • Roll1KCycles • Roll2KCycles
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.SriovGlobalEnable

Description	Enables or disables the BIOS configuration of Single Root I/O Virtualization (SR-IOV) devices. Enable this feature if booting to a virtualization operating system that recognize SR-IOV devices.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.Usb3Setting

Description	Controls USB 3.0 support. When set to Disabled, BIOS disables USB 3.0 mode for all the USB3.0 ports. The USB devices operate at USB2.0 mode. When set to Enabled, BIOS operates all USB3.0 ports at USB2.0 mode during POST, and switches them to USB3.0 mode right after the operating system (OS) boots. You must select this option only if the operating system (such as. Windows Server 2012) has a native USB 3.0 driver. Otherwise none of the USB devices will work after boot. The Auto option is available only on workstation servers. If this option is selected, the BIOS leaves all USB 3.0 ports at USB 2.0 mode, and a special OS switching driver is required to set the USB3.0 port to USB3.0 mode. Microsoft Windows 7 has switching driver capability.
Legal Values	• Auto • Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.UsbEnableFrontPortsOnly

Description	This field enables/disables the front USB ports during the OS runtime when User Accessible USB Ports is set as All Ports Off (Dynamic).
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• Dynamic USB is only available on 600+ series servers and higher. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IntegratedDevices.UsbManagedPort

Description	The iDRAC Direct USB port is managed by iDRAC exclusively with no host visibility. When set to OFF, iDRAC would not detect any USB devices installed in this managed port.
Legal Values	• On • Off
Default Value	On
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IntegratedDevices.UsbPorts

Description	All Ports On: All USB ports are enabled. Only Back Ports On: Disables the front USB ports. All Ports Off: Disables both front and back USB ports. All Ports Off (Dynamic): Disables both front and back USB ports but front ports can be enabled dynamically by an authorized user using Out-of-Band interfaces without resetting the system. Note using Out-of-Band interface to enable USB ports will be persistent setting and remain enabled in OS until the front ports setting is disabled in either BIOS setup or Out-of-Band interface. Note All Ports Off and All Ports Off (Dynamic) settings, all USB ports will still support USB keyboard and mouse during system boot process.
Legal Values	• AllOn • OnlyBackPortsOn • AllOff • AllOffDynamic
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Blades do not support setting the Attribute UsbPorts to the value OnlyBackPortsOn.
Notes	• Dynamic USB is only available on 600+ series servers and higher. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Auth

Description	Authentication type for this iSCSI connection.
Legal Values	• None • Chap
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1ChapName

Description	CHAP name for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1ChapSecret

Description	CHAP secret for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1ChapType

Description	CHAP type for this iSCSI connection.
Legal Values	• OneWay • Mutual
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1DhcpEnDis

Description	DHCP Enable/Disable for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Gateway

Description	Initiator Gateway for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Interface

Description	NIC interface used for this iSCSI connection
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Ip

Description	Initiator IP Address for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Isid

Description	ISID for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Lun

Description	Target LUN for this iSCSI connection. The value format is a string containing a hexadecimal-encoded representation of the 64-bit SCSI Logical Unit Number in the format described in the T10 SCSI Architecture Model specification. This format consists of four 2-byte fields separated by dashes. In most cases, the human-oriented logical unit number will be in the high-order two bytes and the low-order six bytes will be zero. Examples are: 4752-3A4F-6b7e-2F99, 6734-9-156f-127, 4186-9 or 0.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Mask

Description	Initiator Subnet Mask for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Port

Description	Target Port for this iSCSI connection. The standard port number for iSCSI connections is 3260.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Protocol

Description	This field controls the Internet Protocol used for this iSCSI connection.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Retry

Description	Retry Count for this iSCSI connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1RevChapName

Description	Reverse CHAP name for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1RevChapSecret

Description	Reverse CHAP secret for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1TargetIp

Description	Target IP Address for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1TargetName

Description	Target name for this iSCSI connection in IQN format.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1TgtDhcpEnDis

Description	Target DHCP Enable/Disable for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Timeout

Description	Timeout for this iSCSI connection in milliseconds.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1VlanEnDis

Description	VLAN Enable/Disable for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1VlanId

Description	VLAN ID for this iSCSI connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con1Settings.IscsiDev1Con1VlanPriority

Description	VLAN priority for this iSCSI connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Auth

Description	Authentication type for this iSCSI connection.

Legal Values	• None • Chap
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapName

Description	CHAP name for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapSecret

Description	CHAP secret for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapType

Description	CHAP type for this iSCSI connection.
Legal Values	• OneWay • Mutual
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2DhcpEnDis

Description	DHCP Enable/Disable for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Gateway

Description	Initiator Gateway for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Interface

Description	NIC interface used for this iSCSI connection
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Ip

Description	Initiator IP Address for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Isld

Description	ISID for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Lun

Description	Target Lun for this iSCSI connection.The value format is a string containing a hexadecimal-encoded representation of the 64-bit SCSI Logical Unit Number in the format described in the T10 SCSI Architecture Model specification. This format consists of four 2-byte fields separated by dashes. In most cases, the human-oriented logical unit number will be in the high-order two bytes and the low-order six bytes will be zero. Examples are: 4752-3A4F-6b7e-2F99, 6734-9-156f-127, 4186-9 or 0.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Mask

Description	Initiator Subnet Mask for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Port

Description	Target Port for this iSCSI connection. The standard port number for iSCSI connections is 3260.
Legal Values	Integer values.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Protocol

Description	This field controls the Internet Protocol used for this iSCSI connection.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Retry

Description	Retry Count for this iSCSI connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2RevChapName

Description	Reverse CHAP name for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2RevChapSecret

Description	Reverse CHAP secret for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TargetIp

Description	Target IP Address for this iSCSI connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TargetName

Description	Target name for this iSCSI connection in IQN format.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TgtDhcpEnDis

Description	Target DHCP Enable/Disable for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Timeout

Description	Timeout for this iSCSI connection in milliseconds.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanEnDis

Description	VLAN Enable/Disable for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanId

Description	VLAN ID for this iSCSI connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanPriority

Description	VLAN priority for this iSCSI connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDevice1Settings.IscsiDev1Con1EnDis

Description	This field controls the configuration for this iSCSI connection.
Legal Values	• Enabled

	• Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDevice1Settings.IscsiDev1Con2EnDis

Description	This field controls the configuration for this iSCSI connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.IscsiDevice1Settings.IscsiDev1ConOrder

Description	This field controls the order for which the iSCSI connections will be attempted.
Legal Values	• Con1Con2 • Con2Con1
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.IscsiDevice1Settings.IscsiF1F2ErrorPrompt

Description	This field determines whether the BIOS stops and displays a prompt when iSCSI connection errors occur during POST. The BIOS will display the prompt when this setting is Enabled; otherwise, the BIOS will continue through POST and attempt to boot an operating system. Note: This setting will be grayed out if F1/F2 Prompt on Error in the Miscellaneous Settings menu is Disabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.AdddcSetting

Description	When Adaptive Double DRAM Device Correction (ADDDC) is enabled, failing DRAMs are dynamically mapped out. This action can have some impact on system performance under certain workloads. This feature only applies to x4 DIMMs, and when Fault Resilient Mode (FRM) is disabled.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency that only x4 DIMMs be present or item is grayed out.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.AddrBasMir

Description	If the system is configured for Dell Fault Resilient Mode (FRM), controls the amount of memory for FRM per processor. The FRM memory is located on a single memory riser per processor. Only half of the FRM memory will be visible to the OS.
Legal Values	• AllMem • 64GB • HalfMem
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency where DIMM population within the system needs to support Mirror mode. Only System R6xx and up support this feature.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.AppDirectCapacity

Description	Total NVDIMM size configured as AppDirect mode in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.BankXor

Description	Enables Bank XORing to alleviate bank thrashing

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.BatteryStatus

Description	Battery Status Present/Not Present/Ready/Not Ready.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.CECriticalSEL

Description	Enable/Disable logging of correctable memory threshold error.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.CXLMemoryAttribute

Description	"""This field selects the CXL memory attribute reported to OS. \n"" ""Conventional Memory CXL Memory is standard memory. \n"" ""Special Purpose Memory CXL Memory is special purpose Memory. \n"" ""Select this setting based on the Operating System installed."""
Legal Values	• ConventionalMemory • SpecialPurposeMemory
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.CXLMemoryErrorReporting

Description	The CXL Memory Error Reporting option allows the user to select OS-first or BIOS-first component error / event record reporting.
Legal Values	• BIOSReporting • OSReporting
Default Value	BIOSReporting
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.CXLMemoryErrorReporting

Description	The CXL Memory Error Reporting option allows the user to select OS-first or BIOS-first component error / event record reporting.
Legal Values	• BIOSReporting • OSReporting
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.CXLMemoryMode

Description	This field selects the interleaving mode for CXL memory devices. Homogeneous - Interleaving between CXL memory devices only. Heterogeneous - Interleaving between DDR5 and CXL memory devices. 2LM Hardware Tiering - A hardware-based memory management mode where CPU manages data movement between DDR5 and CXL memory devices.
Legal Values	• Heterogeneous • Homogeneous • Flat2LMHardwareTiering
Default Value	Homogeneous
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.CXLMemoryMode

Description	"""This field selects the interleaving mode for CXL memory devices. \n"" ""Homogeneous - Interleaving between CXL memory devices only. \n"" ""Heterogeneous - Interleaving between DDR5 and CXL memory devices. \n"" ""2LM Hardware Tiering - A hardware-based memory management mode where CPU manages data movement between DDR5 and CXL memory devices."""
Legal Values	• Heterogeneous • Homogeneous • Flat2LMHardwareTiering

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.Capacity00

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity01

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity02

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity03

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity04

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity05

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity06

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity07

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity08

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity09

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity10

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity11

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity12

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity13

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity14

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity15

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity16

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity17

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity18

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity19

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity20

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity21

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity22

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.Capacity23

Description	The size of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.ClusterOnDie

Description	Enables or disables the Cluster on Die feature.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Never released. Safe to remove?
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.CorrEccSmi

Description	Allows the system to log ECC corrected DRAM errors into the SEL log. Logging these rare errors can help identify marginal components; however the system will pause for a few milliseconds after an error while the log entry is created. Latency conscious customers may wish to disable the feature. Spare Mode, and Mirror mode require this feature to be enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.CurrentCXLMemoryInterleaveMode

Description	"""This read only field shows the CXL memory interleaving mode currently configured by the system firmware.\n"" ""Homogeneous(Full) - Interleaving between CXL memory devices only.\n"" ""Heterogeneous - Interleaving between DDR and CXL memory devices.\n"" ""2LM Hardware Tiering - A hardware-based memory management mode where CPU manages data movement between \n"" ""DDR5 and CXL memory devices.\n"" ""Homogeneous(Mixed) CXL memory devices are not Interleaved.\n"""
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.CurrentMemOpModeState

Description	Read-only. Indicates the current state of the memory operating mode.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.CxlMemSize

Description	Indicates the amount of OS useable CXL memory capacity in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.CxlMemoryRef

Description	No description information available.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.DarkMemoryAvailableMem

Description	No description information available.
Legal Values	• Disabled • DarkMemoryAvailable64 • DarkMemoryAvailable128 • DarkMemoryAvailable192 • DarkMemoryAvailable256 • DarkMemoryAvailable320 • DarkMemoryAvailable384 • DarkMemoryAvailable448 • DarkMemoryAvailable512 • DarkMemoryAvailable640 • DarkMemoryAvailable768
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DdrSize

Description	Indicates the amount of OS useable CXL memory capacity in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.DeviceLocator00

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator01

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator02

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator03

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator04

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator05

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator06

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator07

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator08

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator09

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator10

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator11

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator12

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator13

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator14

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator15

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator16

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator17

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator18

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator19

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator20

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator21

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator22

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DeviceLocator23

Description	The DIMM slot that this NVDIMM is being populated.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot00

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot01

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot02

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot03

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot04

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot05

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot06

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot07

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot08

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot09

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot10

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot11

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot12

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot13

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot14

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot15

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot16

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot17

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot18

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot19

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot20

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot20

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.DimmSlot21

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot22

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot23

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled

Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot24

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot25

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot26

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot27

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot28

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot29

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot30

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DimmSlot31

Description	When set to Enabled, the DIMM slot is enabled. When set to Disabled, the DIMM slot is disabled.
Legal Values	• Enabled • Disabled
Default Value	"Enabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.DramRefreshDelay

Description	By enabling the CPU memory controller to delay running the REFRESH commands, you can improve the performance for some workloads. By minimizing the delay time, it is ensured that the memory controller runs the REFRESH command at regular intervals. However, this setting does not affect the Intel-based servers that are configured with DIMMs which use 16 Gb density DRAMs.
Legal Values	• Performance • Minimum
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FRMPercent

Description	Select to define the percent of total memory size that must be used by the fault resilient mode, when selected in the Memory Operating mode. When Fault Resilient Mode is not selected, this option is grayed out and not used by Fault Resilient Mode.
Legal Values	• 25 • 12.5
Default Value	25
Write Privilege	N/A
License Required	N/A
Dependency	This option is grayed out(read only) when "Fault Resilient Mode" is not selected in "Memory Operating Mode". This option is only available on Intel platforms.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion00

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion01

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion02

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion03

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion04

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion05

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion06

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion07

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion08

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion09

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion10

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion11

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion12

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion13

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion14

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion15

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion16

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion17

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion18

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion19

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion20

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion21

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion22

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.FirmwareVersion23

Description	The firmware revision of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.IntelPersistMemOperationTarget

Description	NVDIMM region creation target in per Platform or per Socket.
Legal Values	• PmPlatform • PmSocket
Default Value	PmPlatform
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MemSettings.LockState00

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState01

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState02

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState03

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState04

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState05

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState06

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState07

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState08

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState09

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState10

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState11

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState12

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState13

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState14

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState15

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState16

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState17

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState18

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState19

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState20

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState21

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState22

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.LockState23

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• Unknown • Disabled • Unlocked • Locked • Frozen • NotSupported
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MemLowPower

Description	Enables or disables the low-power mode of memory. When set to Disabled, the memory will run at full speed. When set to Enabled, the memory will run at a reduced speed to conserve power. Default: Disabled
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not used on 13G+.

BIOS.MemSettings.MemOpMode

Description	Allows the selection of the memory operating mode. Certain options are active only if a valid memory configuration is detected. When the Optimizer Mode is enabled, the DRAM controllers operate

	independently in 64-bit mode and provide optimized memory performance. When Advanced ECC Mode is enabled, the two DRAM controllers are combined in 128-bit mode and provide optimized reliability. Memory that cannot be teamed by the controllers is not reported to the Operating System. When Mirror Mode is enabled, the system maintains two identical copies of data in the memory. This feature provides maximum reliability and enables the system to continue running even during a high severity memory failure. NOTE: In Mirror Mode, only half of the installed system memory is reported to the operating system. When Spare Mode is enabled, the BIOS reserves a rank of memory as a spare. At runtime, the memory controller can move a rank that exhibits a large number of correctable errors to the spare rank. NOTE: In Spare Mode, the system memory size reported to the Operating System does not include the spare portion. Spare with Advanced ECC Mode operates similarly to the Spare Mode. When this mode is enabled, the system runs under Advanced ECC mode with a spare rank reserved in each channel. NOTE: In Spare with Advanced ECC Mode, the system memory size reported to the Operating System does not include the spare portion. When Dell Fault Resilient Mode is enabled, the BIOS establishes an area of memory that is fault resilient. This mode can be used by an Operating System that supports the feature to load critical applications or enables the Operating System kernel to maximize system availability. Default: Optimizer Mode
Legal Values	• OptimizerMode • SingleRankSpareMode • MultiRankSpareMode • SpareMode • MirrorMode • AdvEccMode • SpareWithAdvEccMode • FaultResilientMode • NUMAFaultResilientMode
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	For FRM, need platform to support Mirror mode. For NUMA FRM, need to have 2 CPU installed + platform support Mirror mode. [MirrorMode, Lockstep] Needs identical memory configurations in channles behind each memory controller.

BIOS.MemSettings.MemOpVoltage

Description	No description information available.
Legal Values	• AutoVolt • Volt15V
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MemOptimizer

Description	When set to Disabled, the two DRAM controllers are combined in 128-bit mode and provide optimized reliability with Advanced ECC Mode. When set to Enabled, the two DRAM controllers operate independently in 64-bit mode and provide optimized performance without Advanced ECC Mode. Default: Disabled
Legal Values	• Enabled • Disabled
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on DIMM population where corresponding channnels for each socket (Channel0 and Channel2, Channel1 and Channel 3) needs to be populated and populated identitally. Not used on 13G+.

BIOS.MemSettings.MemTest

Description	Indicates whether or not the BIOS system memory tests are conducted during POST. When set to Enabled, memory tests are performed. NOTE: Enabling this feature will result in longer boot time. The extent of increased time depends on the size of the system memory.
Legal Values	• Enabled • Disabled • HardwareBasedTest
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MemTestType

Description	Indicates type of BIOS-based system memory test to perform during POST. When set to Hardware, the memory tests are performed via hardware. When set to Software, the memory tests are performed via software . Note: POST time will increase when memory test are enabled, with Software test taking longer than Hardware test.
Legal Values	• Hardware • Software
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Never released?

BIOS.MemSettings.MemThrottlingMode

Description	Displays MCDRAM thermal management/throttling modes of processor(s).
Legal Values	• Cltt • Oltt
Default Value	Cltt
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MemoryCapacity

Description	Total NVDIMM size configured as memory mode in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MemoryInterleaving

Description	When set to Enabled, memory interleaving is supported if a symmetric memory configuration is installed. When set to Disabled, the system supports Non-Uniform Memory Access (NUMA) (asymmetric) memory configurations. Operating Systems that are NUMA-aware understand the distribution of memory in a particular system and can intelligently allocate memory in an optimal manner. Operating Systems that are not NUMA aware could allocate memory to a processor that is not local resulting in a loss of performance. Die and Socket Interleaving should only be enabled for Operating Systems that are not NUMA aware.
Legal Values	• Disabled • ChannelInterleaving • DieInterleaving • SocketInterleaving • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MemoryTraining

Description	Fast - Use previously saved memory training parameters to train the memory subsystem when memory configuration is not changed. System boot time is reduced when memory configurations is not changed. If memory configuration is changed, system automatically enables REFRAIN AT NEXT BOOT to force one-time full memory training steps, and then go back to FAST afterward. Retrain at Next Boot - Force one-time full memory training steps at next system power on. System boot time is slowed on next boot. Enable - Force full memory training steps on every system power on. System boot time is slowed on every boot.
Legal Values	• MemoryTrainingFast • MemoryTrainingOnce • MemoryTrainingEnable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.MItRnkSpr

Description	If the system is configured for Spare Mode or Spare With Advanced ECC Mode, this field controls the number of spare ranks per DDR channel. The default is one spare rank per DDR channel.
Legal Values	• 1 • 2 • 3 • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on DIMM population where within a channel, multi-rank DIMM needs to be populated Not used on 13G+.

BIOS.MemSettings.NGNFactoryResetClear

Description	Enable/Disable Factory Reset/Clear
Legal Values	• Disabled • Enabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NativeTrfcTiming

Description	Enables 16 Gb density DIMMs to operate at their programmed Row Refresh Cycle Time (tRFC). Enabling this feature may improve system performance for some memory configurations. However, enabling this feature will have no effect on configurations with 16 Gb 3DS/TSV DIMMs.
Legal Values	• Enabled, Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NodeInterleave

Description	When set to Enabled, memory interleaving is supported if a symmetric memory configuration is installed. When set to Disabled, the system supports Non-Uniform Memory Access (NUMA) (asymmetric) memory configurations. Operating Systems that are NUMA-aware understand the distribution of memory in a particular system and can intelligently allocate memory in an optimal manner. Operating Systems that are not NUMA aware could allocate memory to a processor that is not local resulting in a loss of performance. Node Interleaving should only be enabled for Operating Systems that are not NUMA aware.
Legal Values	• Enabled • Disabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available if 2 or more CPUs are present.

BIOS.MemSettings.NvdimmFactoryDefault

Description	Reset all NVDIMM-Ns to their Factory Default state, and erase all NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault0

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault1

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault10

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable

- NvdimmFactoryDefaultDisable

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault11

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault12

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault13

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault14

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!

Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault15

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault16

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault17

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault18

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault19

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault2

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault20

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault21

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault22

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault23

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault3

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault4

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault5

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault6

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault7

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault8

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFactoryDefault9

Description	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
Legal Values	• NvdimmFactoryDefaultEnable • NvdimmFactoryDefaultDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer0

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer1

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer10

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer11

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer2

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer3

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer4

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer5

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer6

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer7

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer8

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFirmwareVer9

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq0

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq1

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq10

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq11

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq2

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq3

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq4

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq5

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq6

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq7

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq8

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmFreq9

Description	Indicates the clock frequency of NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmInterleaveSupport

Description	Enabling this setting interleaves NVDIMMs on a per-processor basis. When interleaving is enabled, Memory performance increases. However, if one NVDIMM fails, the data in all interleaved NVDIMMs is lost. When interleaving is disabled, if one NVDIMM fails, the data in other NVDIMMs remains intact.

Legal Values	• NvdimmInterleaveEnable • NvdimmInterleaveDisable
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation0

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation1

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation10

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation11

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation2

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation3

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation4

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation5

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None

BIOS.MemSettings.NvdimmLocation6

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation7

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation8

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmLocation9

Description	Indicates the slot location of the NVDIMM-N. This location is printed right next to each DIMM slot on the main system board.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmReadOnly

Description	When set to enabled, NVDIMM-N is in write-protect mode.
Legal Values	• NvdimmReadOnlyEnable • NvdimmReadOnlyDisable:
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum0

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum1

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum10

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum11

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum2

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum3

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum4

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum5

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum6

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum7

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum8

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSerialNum9

Description	Indicates firmware version used in this NVDIMM-N.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize0

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize1

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize10

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize11

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize2

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize3

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize4

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize5

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize6

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize7

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize8

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.NvdimmSize9

Description	Indicates the amount of NVDIMM-N in the DIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.OppSrefEn

Description	This field enables/disables opportunistic self-refresh feature.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PPROnUCE

Description	"Enable/Disable Post Package Repair(PPR) on Uncorrectable Memory Error."
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PagingPolicy

Description	This field sets Memory Paging Policy.
Legal Values	• PagingOpen • PagingClosed • PagingAdaptive
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemPassphrase

Description	The Persistent Memory Passphrase unlocks secured Persistent Memory DIMMs. All Persistent Memory DIMMs are affected if the passphrase is modified. WARNING: Entering and confirming a blank passphrase disables passphrase security in all Persistent Memory DIMMs.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryMode

Description	When Select NVDIMM-N will enable NVDIMM-N Support. When select Off, all persistent memory access in OS will be disabled.
Legal Values	• NVDIMM • PersistentMemoryOff
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryScrubbing

Description	Set Persistent Memory Scrubbing mode. Auto: System automatically scrubs persistent memory during POST when multibit errors have been detected. One Shot: System will scrub persistent memory during POST on the entire persistent memory range once. Upon next boot, Fystem will go back to AUTO persistent memory srcub mode. Enable: System will scrub persistent memory during POST on the entire persistent memory range on everyboot. Note: Scrubbing persistent memory on the entire persistent memory range could take more than 60 minutes during system POST depending on system memory population.
Legal Values	• Auto • OneShot • Enable

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryType

Description	Select the type of the persistent memory capacity to create.
Legal Values	• PmAppDirect • PmAppDirectNotInterleaved
Default Value	PmAppDirect
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryType0

Description	Persistent memory type
Legal Values	• AppDirect • AppDirectNotInterleaved
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryType1

Description	Persistent memory type
Legal Values	• AppDirect • AppDirectNotInterleaved
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryType2

Description	Persistent memory type
Legal Values	• AppDirect • AppDirectNotInterleaved
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None

BIOS.MemSettings.PersistentMemoryType3

Description	Persistent memory type
Legal Values	• AppDirect • AppDirectNotInterleaved
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmCRQoS

Description	CR QoS tuning recipes. Recipe 1 - Enables tuning recipe 1 for CR QoS knobs (recommended for 2-2-2 memory configuration in AD) Recipe 2 - Enables tuning recipe 2 for CR QoS knobs (recommended for other memory configuration in AD) Recipe 3 - Enables tuning recipe 3 for CR QoS knobs (recommended for 1 DIMM per channel config)
Legal Values	• PmCRQoSRecipe1, PmCRQoSRecipe2, PmCRQoSRecipe3, Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	Intel DCPMM

BIOS.MemSettings.PmControllerRevisionID00

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID01

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID02

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID03

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID04

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID05

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID06

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID07

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmControllerRevisionID08

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID09

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID10

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID11

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID12

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID13

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID14

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID15

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID16

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID17

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID18

Description	No description information available.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID19

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID20

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID21

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID22

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmControllerRevisionID23

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmLockState00

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown

- PmLockStateDisabled
- PmLockStateUnlocked
- PmLockStateLocked
- PmLockStateFrozen
- PmLockStateNotSupported
- PmLockStateExceeded

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState01

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState02

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState03

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.

Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState04

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState05

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState06

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState07

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[DimmCapabilities==NVDIMM] [DimmCapabilities==AEP] [DimmCapabilities==PMEM]

BIOS.MemSettings.PmLockState08

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState09

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState10

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState11

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState12

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState13

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState14

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState15

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState16

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState17

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState18

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState19

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState20

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState21

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState22

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmLockState23

Description	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
Legal Values	• PmLockStateUnknown • PmLockStateDisabled • PmLockStateUnlocked • PmLockStateLocked • PmLockStateFrozen • PmLockStateNotSupported • PmLockStateExceeded
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmMemoryMode

Description	Set the percentage of the total capacity to use in Memory Mode(0-100). Due to platform memory alignment requirements, the capacity will be aligned automatically.
Legal Values	• PmPercentNone • PmPercent0 • PmPercent5 • PmPercent10 • PmPercent15 • PmPercent20 • PmPercent25 • Percent30 • Percent35 • Percent40 • Percent45 • Percent50 • Percent55 • Percent60 • Percent65 • Percent70 • Percent75 • Percent80 • Percent85 • Percent90 • Percent95 • PmPercent100
Default Value	PmPercentNone
Write Privilege	N/A
License Required	N/A
Dependency	GEN>=16, then help text is as below: "Set the percentage of the total capacity to use in Memory Mode (0% to 100% with increment of 5%). " "Due to platform memory alignment requirements, this value will be aligned automatically. " "Note: when Persistent sets to 0%, 100% Memory Mode will be set automatically. When Persistent sets to 100%, " "Memory Mode will be set to 0%. When Persistent sets to X% (between 5% and 95%), Memory Mode will be set to (100-X)%."

BIOS.MemSettings.PmNVMPerformanceSetting

Description	NVM baseline performance settings depending on the workload behavior. BW Optimized - Optimized for DDR and DDRT Bandwith. Latency Optimized - Better DDR latency in the presence. Balanced Profile - Optimized for Memory Mode.
Legal Values	• PmBWOptimized, PmLatencyOptimized, PmBalancedProfile
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmPersistentPercentage

Description	Reserve a percentage (0-100) of the requested AEP DIMM capacity that will be mapped into the system physical address space as Persistent Memory.
Legal Values	• PmPercentNone • PmPercent0 • Percent5 • Percent10 • Percent15 • Percent20 • Percent25 • Percent30 • Percent35 • Percent40 • Percent45 • Percent50 • Percent55 • Percent60 • Percent65 • Percent70 • Percent75 • Percent80 • Percent85 • Percent90 • Percent95 • PmPercent100
Default Value	PmPercentNone
Write Privilege	N/A
License Required	N/A
Dependency	if GEN>=16, then help text is as below: "Reserve a percentage (0% to 100% with increment of 5%) of the requested Intel Persistent Memory DCPMM capacity " "that will be mapped into the system physical address space as Persistent Memory. " "Due to platform memory alignment requirements, this value will be aligned automatically. " "Note: when Persistent sets to 0%, 100% Memory Mode will be set automatically. When Persistent sets to 100%, " "Memory Mode will be set to 0%. When Persistent sets to X% (between 5% and 95%), Mixed Mode will be set automatically."

BIOS.MemSettings.PmSecureEraseAll

Description	Secure Erase Intel Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PmSocket0

Description	NVDIMM pool creation for socket00

Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	IntelPersistMemOperationTarget==Socket

BIOS.MemSettings.PmSocket1

Description	NVDIMM region creation for socket01
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	IntelPersistMemOperationTarget==Socket

BIOS.MemSettings.PmSocket2

Description	NVDIMM pool creation for socket02
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	IntelPersistMemOperationTarget==Socket

BIOS.MemSettings.PmSocket3

Description	NVDIMM pool creation for socket03
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	IntelPersistMemOperationTarget==Socket

BIOS.MemSettings.PoolCapacity0

Description	Pool Capacity
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolCapacity1

Description	Pool Capacity
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolCapacity2

Description	Pool Capacity
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolCapacity3

Description	Pool Capacity
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolID0

Description	Pool ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolID1

Description	Pool ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolID2

Description	Pool ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.PoolID3

Description	Pool ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.ProcEmbMemCacheSize

Description	Displays cache size of the MCDRAM
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.ProcEmbMemMode

Description	Displays 2LM memory modes of the processor(s). When configured as Cache mode, all the MCDRAM memory is used as memory side cache (MSC). When configured as Flat mode, all the MCDRAM memory is directly mapped to system address space. When configured as Hybrid mode, part of MCDRAM memory is mapped to system address space and the rest is used as MSC.

Legal Values	• Memory • Cache • Hybrid
Default Value	Cache
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.ProcEmbMemSystemSize

Description	Displays flat size of the MCDRAM
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.ProcEmbMemTotalSize

Description	Displays total size of the MCDRAM
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RawCapacity

Description	Total NVDIMM raw size in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RedundantMem

Description	Enables or disables the redundant memory feature. This feature can be enabled only if a valid redundant memory configuration is detected. When Mirror Mode is enabled, the server maintains two identical copies of data in memory. This feature allows the system to continue running even during a catastrophic memory failure. NOTE: In Mirror Mode, only half of the memory size is reported to the OS. When Spare Mode is enabled, certain sets of DIMMs or a portion of these DIMMs called a Rank will be set aside as the spare memory. When a preset threshold of correctable errors has been reached on an active DIMM rank, the contents of that rank will be copied to the spare memory to

	prevent catastrophic memory failure. Note that in Spare Mode, the memory size reported to the OS does not include the spare portion. Default: Disabled
Legal Values	• Disabled • Spare • Mirror • IntraNodeMirror • DimmSpare • Dddc
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	For Spare Mode: Has a dependency on DIMM population where within a given channel, multi-rank DIMM or multi single rank DIMM needs to be populated. For Mirror Mode and Lockstep Mode: Has a dependency on DIMM population where corresponding channnels for each socket (Channel0 and Channel2, Channel1 and Channel 3) needs to be populated and populated idenditally. Not on 13G+.

BIOS.MemSettings.RedundantMemCfgValid

Description	Indicates whether the Redundant Memory Configuration is valid.
Legal Values	• Invalid • Valid
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not on 13G+.

BIOS.MemSettings.RedundantMemInUse

Description	Indicates that the Redundant Memory Configuration feature is in use.
Legal Values	• NotInUse • InUse
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not on 13G+.

BIOS.MemSettings.RemainingRatedWriteEndurance0

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance1

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance10

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance11

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance12

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance13

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance14

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance15

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance16

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance17

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance18

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance19

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance2

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance20

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance21

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance22

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance23

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance3

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance4

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance5

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance6

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance7

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance8

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.RemainingRatedWriteEndurance9

Description	Indicates remaining storage lifetime percentage of NVDIMM-N.
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus00

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus01

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus02

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus03

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.

Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus04

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus05

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus06

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus07

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus08

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus09

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus10

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus11

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus12

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus13

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus14

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.

Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus15

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus16

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus17

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus18

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus19

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus20

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus21

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus22

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SanitizeStatus23

Description	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
Legal Values	• Unknown • NotStarted • InProgress • Completed
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase00

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase01

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase02

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase03

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase04

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase05

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase06

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase07

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase08

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase09

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase10

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase11

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase12

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase13

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase14

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase15

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase16

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase17

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase18

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase19

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase20

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase21

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase22

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SecureErase23

Description	Enable or Disable Secure Erase Persistent Memory.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber00

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber01

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber02

Description	The serial number of this NVDIMM.

Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber03

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber04

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber05

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber06

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber07

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber08

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber09

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber10

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber11

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber12

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber13

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber14

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber15

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber16

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber17

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber18

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber19

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber20

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber21

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber22

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SerialNumber23

Description	The serial number of this NVDIMM.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SnoopFilter

Description	Enables or disables the snoop filter option.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not on 13G+.

BIOS.MemSettings.SnoopMode

Description	Allows tuning of memory performances under different memory bandwidths. The optimal Snoop Mode setting is highly dependent on workload type. Early Snoop is best used for latency sensitive workloads. This setting offers the best balance between workload effects. Home Snoop is best used for NUMA workloads that need maximum local and remote memory bandwidth. Cluster on Die is best used for highly NUMA optimized workloads. This setting offers the best case local memory latency, but worst case remote latency. Cluster On Die is only available when Node Interleaving is Disabled. Opportunistic Snoop Broadcast, available on select processor models, works well for workloads of mixed NUMA optimization. It offers a good balance of latency and bandwidth.
Legal Values	• HomeSnoop • EarlySnoop • ClusterOnDie • OpportunisticSnoopBroadcast
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	* Gen >= 13G * Value: COD: Proc must support COD. * Value:COD: Node Interleaving must be disalbed (COD available in NUMA mode). * [MemPopulation] * If M830/FC830 with Haswell there is effectively no SnoopMode option. * If M830/FC830 with Broadwell SnoopMode is available with options HomeSnoop and ClusterOnDie (if available).

BIOS.MemSettings.SocketID0

Description	Socket ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SocketID1

Description	Socket ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SocketID2

Description	Socket ID
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SocketID3

Description	Socket ID
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz00

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz01

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz02

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz03

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz04

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz05

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz06

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz07

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz08

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz09

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz10

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz11

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz12

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz13

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz14

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz15

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz16

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz17

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz18

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz19

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz20

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz21

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz22

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SpeedMHz23

Description	The speed of this NVDIMM.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SysMemSize

Description	Indicates the amount of main memory in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SysMemSpeed

Description	Indicates the clock frequency of the main memory.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SysMemType

Description	Indicates the type of main memory installed in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SysMemVolt

Description	Indicates the current operating voltage of main memory.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.SystemMemoryModel

Description	Displays the memory model of the processor(s) When configured as All2All, all the cores will be serviced by all CHAs (caching/home agent - Caching architecture). When configured as SNC-2, all the CHAs, EDCs, MCs and DRAM/memory are equally split and assigned to each cluster. When configured as SNC-4, only the EDCs and DRAM memory are equally split and assigned to 4 clusters When configured as Hemisphere, all the CHAs, EDCs, MCs are equally split and assigned to each cluster (system address space is interleaved instead of split). When configured as Quadrant, all the CHAs, EDCs, MCs are equally split and assigned to 4 clusters (system address space is interleaved instead of split).
Legal Values	• All2All • SNC-2 • SNC-4 • Hemisphere • Quadrant
Default Value	Quadrant
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.UnconfiguredCapacity

Description	Total NVDIMM size that is unconfigured in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MemSettings.VideoMem

Description	Indicates the total amount of video memory available to the embedded video controller.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[Zhengyu]:Not used in 13G

BIOS.MiscSettings.AcpiFpdt

Description	"Enable/Disables ACPI FPDT information. " "When set to Enabled, publish ACPI Firmware Performance Data Table (FPDT) for OS." "This ACPI table provide platform initialization records with data pertaining to the boot process."
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MiscSettings.AssetTag

Description	This field displays the Asset Tag and allows you to modify it. The Asset Tag is a string assigned to a system, usually by an administrator, for security or tracking purposes. The Asset Tag can be up to 63 printable US-ASCII characters.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • Using XML escape symbols such as < or > or & as AssetTag or as a substring in the AssetTag will be configured as regular characters that they represent.

BIOS.MiscSettings.CapsuleFirmwareUpdate

Description	This field enables or disables BIOS update using a UEFI capsule update package. NOTE: If this option is disabled, you will not be able to update the BIOS using services such as Windows Update. This setting has effect only when Boot Mode is set to UEFI.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.Daylight

Description	Enable/Disable Daylight Savings Time.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.DellWyseP25BIOSAccess

Description	Controls remote user access to BIOS Setup via Dell Wyse P25/P45 Portal. When set to Disabled, pre-OS keyboard and mouse access is prevented, including to Diagnostics and Boot Options. It cannot be set back to Enabled from the P25/P45.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.Disabled

Description	"Enable/Disables ACPI FPDT information. " "When set to Enabled, publish ACPI Firmware Performance Data Table (FPDT) for OS." "This ACPI table provide platform initialization records with data pertaining to the boot process."

Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.MiscSettings.ErrPrompt

Description	This field determines whether the BIOS stops and displays a prompt when certain types of errors occur during POST. The BIOS will display the prompt when this setting is Enabled; otherwise, the BIOS will continue through POST and attempt to boot an operating system.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.ForceInt10

Description	In UEFI Boot Mode, this field determines whether the system BIOS will load the legacy video (INT 10h) option ROM from the video controller. Normally there would be no reason to do so. However, you might need to do this in order to install certain older operating systems. During installation of these older operating systems, you may be presented with a blank screen (no visible screen output). Setting this field to Enabled may fix this OS installation issue. This field has no effect when Boot Mode is set to BIOS. This field cannot be set to Enabled when Boot Mode is UEFI and Secure Boot is enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.InSystemCharacterization

Description	When enabled, In-System Characterization (ISC) executes during POST upon detecting relevant change(s) in system configuration to optimize system power and performance. ISC takes about 20 seconds to execute, and system reset is required for ISC results to be applied. The Enabled - No Reboot option executes ISC and continues without applying ISC results until the next time system reset occurs. The Enabled option executes ISC and forces an immediate system reset so that ISC results can be applied right away. It takes the system longer to be ready due to the forced system reset. When disabled, ISC will not execute.
Legal Values	• Enabled

- FastBoot
- Disabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	R530, R530XD, R430, T430, R330, T330, R230, and T130 do not support ISC.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.NumLock

Description	This field determines whether the system boots with Num Lock enabled or disabled. This does not apply to 84-key keyboards. When Num Lock is On, the rightmost keys on the keyboard function like those on a numeric calculator. With Num Lock Off, they function as cursor-control keys.
Legal Values	• On • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.PowerCycleRequest

Description	This feature allows you to mimic a one-time AC power cycle. You will rarely need to use this feature. You may be directed to use it by Dell support. This feature is usually set to None. When you change it to Virtual AC, the system will do its best to mimic a temporary removal of AC power from the system (the AC Power Recovery feature will not be triggered by this action). The effect of this action is that some of the hardware components of the system that are always powered on when AC is present (even when the system appears to be off) will be reset. Using this feature is much more convenient than having to physically remove and reinsert the AC power cord, which would then trigger the AC Power Recovery feature when the cord was reinserted.
Legal Values	• None • FullPowerCycle
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.ReportKbdErr

Description	This field sets whether keyboard-related error messages are reported at system startup.
Legal Values	• Report

- NoReport

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.SkHynixSmartTestEnable

Description	Enable - Enables memory test during normal boot. Disable - Disables this feature. Auto - Sets it to MRC default setting; current default is Enable.
Legal Values	• Enabled • Disabled • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.SysMgmtNVByte1

Description	System Management NVRAM Byte that can be used as a state flag.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.SysMgmtNVByte2

Description	System Management NVRAM Byte that can be used as a state flag.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.SystemUefiShell

Description	This field enables or disables the System UEFI Shell as a UEFI boot option choice.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.MiscSettings.TimeZone

Description	Times offset from UTC.
Legal Values	• Standard Global Timezones
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.AdditionalPxeDevices

Description	When enabled, add 12 more PXE device.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.HostNqnMode

Description	Choose between three options for the Host NQN. Populates Host NQN with either: Dell based value, UUID based value, or custom user-configurable value. Dell based value follows the following format: nqn.1988-11.com.dell:<Model Name>.<Model Number>.<Service Tag> UUID based value follows the following format: nqn.2014-08.org.nvmexpress:uuid:<UUID String> Custom mode must be input following the following format. nqn.yyyy-mm.<Reversed Domain Name>:<Unique String>
Legal Values	• HostNqnModeUuid • HostNqnModeDell

- HostNqnModeCustom

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	16G,17G

BIOS.NetworkSettings.HttpDev1EnDis

Description	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.HttpDev2EnDis

Description	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.HttpDev3EnDis

Description	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.HttpDev4EnDis

Description	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.IscsiDev1EnDis

Description	This field controls the configuration for this iSCSI device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.IscsiInitiatorName

Description	This field specifies the name of the iSCSI Initiator in IQN format.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.NumberOfPxeDevices

Description	Number of PXE devices. Valid values are 4,8,12 and 16.
Legal Values	Integer values.
Default Value	4
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.NvmeofEnDis

Description	NVMe-oF feature Enable/Disable. When enabled, it allows to configuration of the host and target parameters needed for fabric connection.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.NvmeofHostCustomNqn

Description	"This field specifies the name of the NVMe-oF Host NQN. "Allowed input is in following format: " nqn.yyyy-mm.<Reversed Domain Name>:<Unique String>"
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	16G,17G HostNqnMode=HostNqnModeCustom

BIOS.NetworkSettings.NvmeofHostDellNqn

Description	This field specifies the name of the NVMe-oF Host NQN. Allowed input is in following format: nqn.yyyy-mm.<Reversed Domain Name>:<Unique String>"
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	16G,17G HostNqnMode=HostNqnModeDell

BIOS.NetworkSettings.NvmeofHostId

Description	This field specifies a 16 bytes value of NVMe-oF Host Identifier that uniquely identifies this host with the controller in the NVM subsystem. Allowed input is a hexadecimal-encoded string in this format: 00112233-4455-6677-8899-aabbccddeeff Leave it empty to use system generated value. A value of all FF is not allowed.
Legal Values	String of ASCII characters.

Default Value	0
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.NvmeofHostNqn

Description	This field specifies the name of the NVMe-oF Host NQN. Allowed input is in following format:\ nqn.yyyy-mm.<Reversed Domain Name>:<Unique String> Leave it empty to use system generated value with following format: nqn.1988-11.com.dell:<Model Name>.<Model Number>.<Service Tag>
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.NvmeofHostSecurityPath

Description	This field specifies the Host security key path.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.NvmeofHostUuidNqn

Description	This field specifies the name of the NVMe-oF Host NQN. Allowed input is in following format: nqn.yyyy-mm.<Reversed Domain Name>:<Unique String>
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	16G,17G HostNqnMode=HostNqnModeUuid

BIOS.NetworkSettings.PxeDev10EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev11EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev12EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev13EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev14EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev15EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev16EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev1EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.PxeDev2EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.PxeDev3EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.PxeDev4EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NetworkSettings.PxeDev5EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev6EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev7EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev8EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NetworkSettings.PxeDev9EnDis

Description	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Address

Description	NVMe-OF subsystems IP Address for this Connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Auth

Description	Authentication type for this NVMe-oF connection.
Legal Values	• None • Chap
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1ConInterface

Description	NIC interface used for this NVMe-oF connection.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1ConProtocol

Description	This field sets the value of protocol type for NVMe-oF connection. When IPv6 is selected, BIOS uses IPv6 Autoconfiguration to get the IPv6 address.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	[GEN>=16]
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1ControllerId

Description	NVMe-oF subsystems Controller ID for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1EnDis

Description	This field controls the parameters for NVMe-oF subsystem1 connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1HostDhcp

Description	DHCP Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1HostGateway

Description	Host gateway for this NVMe-oF connection.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1HostIP

Description	Host IP Address for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1HostMask

Description	Host Subnet Mask for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1InfoDhcp

Description	NVMe-oF Subsystems DHCP Enable/Disable for this connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1NameSpaceId

Description	NamespaceID(NID) for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Nqn

Description	NVMe-oF subsystems NQN for this connection. Allowed input is in following format: nqn.yyy-mm.<Reversed Domain Name>:<Unique String>
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Port

Description	NVMe-oF subsystems Port for this connection.
Legal Values	Integer values.
Default Value	4420
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Retry

Description	Retry Count for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	3
Write Privilege	N/A
License Required	N/A

Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Security

Description	Security Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1SecurityKeyPath

Description	Security Key path for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1Timeout

Description	Timeout for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	10000(ms)
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1TransType

Description	This field sets the value of transport type for NVMe-oF connection.

Legal Values	String of ASCII characters.
Default Value	TCP
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1VlanEnDis

Description	VLAN Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1VlanId

Description	VLAN Id for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	1
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys1VlanPriority

Description	VLAN priority for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Address

Description	NVMe-oF subsystems IP Address for this connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Auth

Description	NVMe-oF subsystems IP Address for this connection.
Legal Values	• None • Chap
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2ConInterface

Description	NIC interface used for NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2ConProtocol

Description	This field sets the value of protocol type for NVMe-oF connection. When IPv6 is selected, BIOS use IPv6 Autoconfiguration to get the IPv6 address.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2ControllerId

Description	NVMe-oF subsystems Controller ID for this NVMe-oF connection.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2EnDis

Description	This field controls the parameters for NVMe-oF subsystem2 connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available only from 16G onwards only.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2HostDhcp

Description	DHCP Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2HostGatewa y

Description	Host Gateway for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2HostIP

Description	Host IP Address for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2HostMask

Description	Host Subnet Mask for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	NVMe-oF feature is available from 16G onwards only.

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2InfoDhcp

Description	NVMe-oF Subsystems DHCP Enable/Disable for this connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2NameSpaceId

Description	NamespaceID(NID) for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Nqn

Description	NVMe-oF subsystems NQN for this connection. Allowed input is in following format: nqn.yyyy-mm.<Reversed Domain Name>:<Unique String>
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Port

Description	NVMe-oF subsystems Port for this connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Retry

Description	Retry Count for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Security

Description	Security Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2SecurityKeyPath

Description	Security Key path for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2Timeout

Description	Timeout for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2TransType

Description	This field sets the value of transport type for NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2VlanEnDis

Description	VLAN Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2VlanId

Description	VLAN Id for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys2VlanPriority

Description	VLAN priority for this NVMe-oF connection.
Legal Values	Integer values.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Address

Description	NVMe-oF subsystems IP Address for this connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Auth

Description	Authentication type for this NVMe-oF connection.
Legal Values	• None • Chap
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3ConInterface

Description	NIC interface used for NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3ConProtocol

Description	This field sets the value of protocol type for NVMe-oF connection. When IPv6 is selected, BIOS use IPv6 Autoconfiguration to get the IPv6 address.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3ControllerId

Description	NVMe-oF subsystems Controller ID for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3EnDis

Description	This field controls the parameters for NVMe-oF subsystem2 connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3HostDhcp

Description	DHCP Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3HostGateway

Description	Host Gateway for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3HostIP

Description	Host IP Address for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3HostMask

Description	Host Subnet Mask for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3InfoDhcp

Description	NVMe-oF Subsystems DHCP Enable/Disable for this connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3NameSpaceId

Description	NamespaceID(NID) for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Nqn

Description	NVMe-oF subsystems NQN for this connection. Allowed input is in following format: nqn.yyy-mm.<Reversed Domain Name>:<Unique String>
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Port

Description	NVMe-oF subsystems Port for this connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[GEN>=16]

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Retry

Description	Retry Count for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Security

Description	Security Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3SecurityKeyPath

Description	Security Key path for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3Timeout

Description	Timeout for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3TransType

Description	This field sets the value of transport type for NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3VlanEnDis

Description	VLAN Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3VlanId

Description	VLAN Id for this NVMe-oF connection.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys3VlanPriority

Description	VLAN priority for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Address

Description	NVMe-oF subsystems IP Address for this connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Auth

Description	Authentication type for this NVMe-oF connection.
Legal Values	• None • Chap
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4ConInterface

Description	NIC interface used for NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4ConProtocol

Description	This field sets the value of protocol type for NVMe-oF connection. When IPv6 is selected, BIOS use IPv6 Autoconfiguration to get the IPv6 address.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4ControllerId

Description	NVMe-oF subsystems Controller ID for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4EnDis

Description	This field controls the parameters for NVMe-oF subsystem2 connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4HostDhcp

Description	DHCP Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4HostGateway

Description	Host Gateway for this NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4HostIP

Description	Host IP Address for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4HostMask

Description	Host Subnet Mask for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4InfoDhcp

Description	NVMe-oF Subsystems DHCP Enable/Disable for this connection.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4NameSpaceId

Description	NamespaceID(NID) for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Nqn

Description	NVMe-oF subsystems NQN for this connection. Allowed input is in following format: nqn.yyyy-mm.<Reversed Domain Name>:<Unique String>
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Port

Description	NVMe-oF subsystems Port for this connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Retry

Description	Retry Count for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Security

Description	Security Enable/Disable for this NVMe-oF connection.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4SecurityKeyPath

Description	Security Key path for this NVMe-oF connection.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4Timeout

Description	Timeout for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4TransType

Description	This field sets the value of transport type for NVMe-oF connection.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4VlanEnDis

Description	VLAN Enable/Disable for this NVMe-oF connection.
Legal Values	• Enabled • Disabled
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4VlanId

Description	VLAN Id for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeOfSubSysSettings.NvmeofSubsys4VlanPriority

Description	VLAN priority for this NVMe-oF connection.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.NvmeSettings.BiosNvmeDriver

Description	Dell Qualified NVMe drives always use the UEFI NVMe driver built into the Dell BIOS. When this option is set to All Drives, the BIOS driver will also be used with any NVMe drives in the system that have not been qualified by Dell. NOTE: when this option is set to All Drives and non-Dell qualified NVMe drives are present, you have a configuration that has not been validated which may lead to unexpected behavior.
Legal Values	• DellQualifiedDrives : AllDrives
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.NvmeSettings.NvmeMode

Description	If the system contains NVMe drives that you want to configure in a RAID array, you must set both this field and the Embedded SATA field on the SATA Settings menu to RAID Mode. You may also need to change the Boot Mode setting to UEFI. Otherwise, you should set this field to Non-RAID Mode.
Legal Values	• NonRaid • Raid

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeBiosBootSeq

Description	This field determines the one-time boot device when the One-Time Boot Device List is set to BIOS Boot Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeBootMode

Description	This field enables the boot device list from which a boot device can be selected. After selecting the One-Time Boot Device List, the desired boot device must be selected from the corresponding Sequence Device field. The system will attempt to boot once to the selected device on next startup.
Legal Values	• Disabled • OneTimeBootSeq • OneTimeHddSeq • OneTimeUefiBootSeq • OneTimeCustomBootSeqStr • OneTimeCustomHddSeqStr • OneTimeCustomUefiBootSeqStr
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeBootModeSeq

Description	No description information available.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeBootSeqDev

Description	This field determines the one-time boot device when the One-Time Boot Device List is set to BIOS Boot Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeCustomBootStr

Description	This field determines the one-time boot device when the One-Time Boot Device List is set to one of the Custom String options. The system may temporarily switch to the correct boot mode based on the One-Time Boot Device List setting.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeHddSeq

Description	This field determines the one-time boot hard disk when the One-Time Boot Device List is set to BIOS Hard-Disk Drive Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeHddSeqDev

Description	This field determines the one-time boot hard disk when the One-Time Boot Device List is set to BIOS Hard-Disk Drive Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeUefiBootPath

Description	Allows a one-time UEFI boot to the provided UEFI device path.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeUefiBootSeq

Description	This field determines the one-time boot device when the One-Time Boot Device List is set to UEFI Boot Sequence Device. If Boot Mode is set to BIOS, the system temporarily switches the Boot Mode to UEFI when attempting a one-time boot to the device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.OneTimeBoot.OneTimeUefiBootSeqDev

Description	This field determines the one-time boot device when the One-Time Boot Device List is set to UEFI Boot Sequence Device. If Boot Mode is set to BIOS, the system temporarily switches the Boot Mode to UEFI when attempting a one-time boot to the device.
Legal Values	• *Dynamic*
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PowerMgmtSettings.FanPwrPerf

Description	No description information available.
Legal Values	• MaxPerf • MinPwr
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PowerMgmtSettings.MemDynamicPwr

Description	No description information available.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PowerMgmtSettings.MemPwrPerf

Description	No description information available.
Legal Values	• MaxPerf • 1333Mhz • 1067Mhz • 978Mhz • 800Mhz • MinPwr
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PowerMgmtSettings.PowerMgmt

Description	No description information available.
Legal Values	• OsCtrl • ActivePwrCtrl • Custom • MaxPerf
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.AmdICCfgDisIT01Byp

Description	Enables AMD IC Config Disable IT Bypass.
Legal Values	• Auto • MemorySensitive • CacheBound • Neutral • Adaptive
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.AmdIohcWorkaround

Description	Enable the AMD IOHC workaround feature so all the "Request" traffic at the interface is temporarily stalled (paused). It also prevents the possibility of a processor ubruptly stopping working or getting automatically reset.
Legal Values	String of ASCII characters.
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	Applicable only to 15G AMD platforms Rome Processor.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.AmdSpeculativeStoreMode

Description	Sets how quickly store intructions send out their invalidations to remote cacheline copies. Balanced/ Auto: May delay sending when cacheline is present, but not in a writeable state in the local cache. More Speculative: Will send as soon as possible. Less Speculative: May delay sending when cacheline is not presenting the local cache or not in a writable state in the local cache.
Legal Values	• Auto • More Speculative • Less Speculative • Balanced
Default Value	Auto
Write Privilege	N/A
License Required	N/A
Dependency	Only on AMD Systems

BIOS.ProcSettings.AvxIccpPreGrantLevel

Description	Allows the system to select between different AVX ICCP transition levels"offered by Intel. The default level is 128 Heavy.
Legal Values	• IccpHeavy128 • IccpLight256 • IccpHeavy256 • IccpLight512 • IccpHeavy512
Default Value	IccpHeavy128
Write Privilege	N/A
License Required	N/A
Dependency	Only in use if on AVX ICCP Pre-Grant License is Enabled. Only applicable on Intel-based platforms.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/ Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.AvxIccpPreGrantLicense

Description	Allows the user to enable or disable the selection of different AVX ICCP transition levels offered by Intel. This option is set to Disabled by default.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	Intel only attribute
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/ Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CcdCores

Description	Enable number of Cores per CCD.
Legal Values	• Rome = All • TWO(1+1) • FOUR(2+2) • SIX(3+3) Milan= All • One1Plus0 • Two2Plus0 • Three3Plus0 • Four4Plus0 • Five5Plus0 • Six6Plus0 • Seven7Plus0
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CcxAsNumaDomain

Description	This field specifies that each CCX within the processor will be declared as a NUMA Domain.
Legal Values	• Enabled • Disabled • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ControlledTurbo

Description	Helps to control the turbo engagement feature. It is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled.
Legal Values	• Enabled • Disabled • ControlledTurboLimitMinus1 • ControlledTurboLimitMinus2 • ControlledTurboLimitMinus3 • Custom
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	No dependency, however this setting is only valid when the CPU Power Management is set to Maximum Performance.If the CPU Power Management is not set to Maximum Performance, the customer can still change it but it will have no effect.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ControlledTurboExtended

Description	Enables control ofthe turbo limit engagement. Effective only when the Dell Controlled Turbo feature is enabled.
Legal Values	• ControlledTurboLimitMinus1 • ControlledTurboLimitMinus2 • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ControlledTurboMinusBin

Description	Enter a value from 0 to 12 bins. The value entered decreases the Dell AVX Scaling Technology frequency when the Dell Controlled Turbo feature is enabled.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CorePerfBoost

Description	No description information available.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuAcpiCstC2Latency

Description	"Enter in microseconds (decimal value)." "Larger C2 latency values will reduce both the number of C2 transitions and C2 residency." "Fewer transitions can help when performance is sensitive to the latency of C2 entry and exit." "Higher residency can improve performance by allowing higher frequency boost and reduce idle core power." "With Linux kernel 6.0 or later, the C2 transition cost is significantly reduced." "The best value will depend on the kernel version, use case, and workload."
Legal Values	Integer values.
Default Value	800
Write Privilege	N/A
License Required	N/A
Dependency	Only available on all 16G AMD processors.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuCrashLogControl

Description	This field controls the Intel CPU Crash Log feature for the collection of previous crash data from Shared SRAM of the Out-of-Band Management Services Module at post reset.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	Applicable to Intel CPUs only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuFeatureErms

Description	Enables or disables Enhanced REP MOVSB/STOSB support. This setting can affect performance, depending on the application running on the server.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuFeatureFsrm

Description	Enables or disables Fast Short REP MOVSB support. This setting can affect performance, depending on the application running on the server.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuFeatureRmss

Description	Enables or disables REP-MOV/STOS Streaming support. This setting can affect performance, depending on the application running on the server.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuInterconnectBusSpeed

Description	This setting governs the frequency of the communication links among the CPUs in the system. Note that standard and basic bin processors support lower link frequencies than the advanced parts do. Maximum Data Rate indicates that the BIOS will run the communication links at the maximum frequency supported by the processors. You can also select specific frequencies that the processors support, which can vary. For best performance, you should choose the Maximum Data setting. Any reduction in the communication link frequency will affect the performance of non-local memory accesses and cache coherency traffic. In addition, it can slow access to non-local I/O devices from a particular CPU. However, if power saving considerations outweigh performance, you may want to reduce the frequency of the CPU communication links. If you do this, you should localize memory and I/O accesses to the nearest NUMA node to minimize the impact to system performance.
Legal Values	• MaxDataRate • 10GTps • 9GTps
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available if 2 or more CPUs are present. On 14G only MaxDataRate, 10GTps, and 9GTps
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuMinSevAsid

Description	This field determines the number of Secure Encrypted Virtualization (SEV) ES and non-ES available Address Space IDs. The number specified is the dividing line between ES and non-ES ASIDs. ES - Encrypted State - the register save state area is also encrypted along with the entire guest memory area. The maximum number of SEV ASIDs available depends on installed CPU and memory configuration which can either be 15, 253 or 509. The default value is 1 and the value entered by user means the number of non-ES ASIDs starts from the value entered and ends at the maximum number of SEV ASIDs available. A value of 1 means there are only non-ES ASIDs available. Example 1: If the maximum number of ASIDs is 15, the default value 1 means there are 15 SEV non-ES ASIDs and 0 SEV ES ASIDs. Example 2: If the maximum number of ASIDs is 15, the value 4 means there are 12 SEV non-ES ASIDs and 3 SEV ES ASIDs. Example 3: If the maximum number of ASIDs is 509, the value 40 means there are 470 SEV non-ES ASIDs and 39 SEV ES ASIDs.
Legal Values	Integer values.
Default Value	1
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.CpuPaLimit

Description	Allows to Enable the 46 bit physical address limit. The address is 52 bit when the limit is disabled.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DataReuse

Description	When set to Enabled, allows the processor to retain frequently used lines in all levels of cache at the expense of some control signals between the processor and cache.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DcuIpPrefetcher

Description	Enables or disables Data Cache Unit (DCU) IP Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not on Value systems.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DcuStreamerPrefetcher

Description	Enables or disables Data Cache Unit (DCU) Streamer Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not on Value systems.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DeadLineLlcAlloc

Description	Enabled - opportunistically fill dead lines in LLC. Disabled - never fill dead lines in LLC.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.DirectoryAtoS

Description	AtoS optimization reduces remote read latencies for repeat read accesses without intervening writes.
Legal Values	• Enabled • Disabled
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.DirectoryMode

Description	Enable or Disable directory mode.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	TBU
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DmaVirtualization

Description	When enabled, additional hardware capabilities for DMA Remapping and Virtualization are available.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DynamicCoreAllocation

Description	Logical Processor Idling (LPI) is a collaborative interface between platform and Operating System that helps to improve the energy efficiency of a system. This feature is required in those cases where customer has a need to go for power budgeting. It uses Operating Systems core parking algorithm and parks some of the logical processors in the system which in turn lets the corresponding processor cores transition into a lower power idle state. If LPI is getting used instead of throttling, better performances can be achieved when power budgeting is used. Setting to Disabled limits the OS capability to put the logical processors in idling state. Note: This feature is not supported if CPU Power Management is set to Maximum Performance.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.DynamicIss

Description	Allows the reconfiguration of the processor via Dynamic or Static SST-PP Select.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.FastGoConfig

Description	Select CR QoS Configuration Profiles
Legal Values	• 6 • 0 • 1 • 2 • 3 • 4 • 5
Default Value	6
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.IommuSupport

Description	Enable or Disable IOMMU support. Required to create IVRS ACPI Table
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.IrqThrottle

Description	Throttles local requests that are targeting a remote address.
Legal Values	• 0 • 1 • 2 • 3 • 4
Default Value	1
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.KernelDmaProtection

Description	For Intel platforms: When set to Enabled, using Virtualization Technology, BIOS & Operating System will enable direct memory access protection for DMA capable peripheral devices. Enable Virtualization Technology to use this option. For AMD platforms: When set to Enabled, using IOMMU, BIOS & Operating System will enable direct memory access protection for DMA capable peripheral devices. Enable IOMMU Support to use this option.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L1Prefetcher

Description	Enables or disables the L1 Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L1RegionPrefetcher

Description	When set to Enabled, the processor provides additional fetch to data along with the data access to the given instruction for performance tuning by controlling the L1 region prefetcher setting. Use the recommended setting, and this option will allow for optimizing overall workloads.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L1StreamHwPrefetcher

Description	When set to Enabled, the processor provides advanced performance tuning by controlling the L1 Stream HW prefetcher setting. Use the recommended setting, and this option will allow for optimizing overall workloads.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L1StridePrefetcher

Description	When set to Enabled, the processor provides additional fetch to the data access for an individual instruction for performance tuning by controlling the L1 stride prefetcher setting. Use the recommended setting and this option will allow for optimizing overall workloads.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L2Prefetcher

Description	Enables or disables the L2 Prefetcher. This setting can affect performance, depending on the application runningon the server. Recommended for High Performance Computing applications.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L2RfoPrefetch

Description	Enable or disable the L2 RFO(Read For Ownership) prefetch. The RFO is the process of reading a cache line from the memory into the cache before it can be written to.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	Intel only attribute
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L2StreamHwPrefetcher

Description	When set to Enabled, the processor provides advanced performance tuning by controlling the hardware prefetcher setting. Use the recommended setting, and this option will allow for optimizing overall workloads.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.L2UpDownPrefetcher

Description	When set to Enabled, the processor uses memory access to determine whether to fetch next or previous for all memory accesses for advanced performance tuning by controlling the L2 up/down

	prefetcher setting. Use the recommended setting and this option will allow for optimizing overall workloads.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.LlcPrefetch

Description	Enable/Disable LLC Prefetch on all threads.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.LmceEn

Description	Enable or disable the LMCE feature. This is an extension of the MCA Recovery mechanism providing the capability to deliver Uncorrected Recoverable (UCR) Software Recoverable Action Required (SRAR) errors to one or more specific logical processor threads receiving previously poisoned or corrupted data. When enabled, the UCR SRAR Machine Check Exception is delivered only to the affected thread rather than broadcast to all threads in the system. The feature supports Operating System recovery for cases of multiple,recoverable faults detected in close proximity which would otherwise result in a fatal machine check event. The feature is available only on Advanced RAS processors.
Legal Values	• Enabled • Disabled
Default Value	"Disabled"
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.LogicalProc

Description	Each processor core supports up to two logical processors. When set to Enabled, the BIOS reports all logical processors. When set to Disabled, the BIOS only reports one logical processor per core. Generally, higher processor count results in increased performance for most multi-threaded workloads and the recommendation is to keep this enabled. However, there are some floating point/scientific workloads, including HPC workloads, where disabling this feature may result in higher performance.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Processor must support HyperThreading.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.MadtCoreEnumeration

Description	This field determines how BIOS enumerates processor cores in the ACPI MADT table. When set to Round Robin, Processor cores are enumerated in a Round Robin order to evenly distribute interrupt controllers for the OS across all Sockets and Dies. When set to Linear, Processor cores are enumerated across all Dies within a Socket before enumerating additional Sockets for a linear distribution of interrupt controllers for the OS.
Legal Values	• RoundRobin • Linear
Default Value	RoundRobin
Write Privilege	N/A
License Required	N/A
Dependency	Only visible on systems with AMD processors.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.NumaDistanceEnum

Description	This field determines how BIOS enumerate NUMA nodes distance in ACPI SLIT tables. When set to physical, NUMA node distance will enumerated by physical architecture. When set to logical, the level of NUMA node distance will simplified by logical distance for better OS capability.
Legal Values	• Physical • Logical
Default Value	Physical
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.NumaNodesPerSocket

Description	This field specifies the number of NUMA nodes per socket. The Zero option is for 2 socket configurations.
Legal Values	• 0 • 1 • 2

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Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.OpportunisticSnoopBroadcast

Description	"Opportunistic Snoop Broadcast (OSB) is a feature within the PCIe protocol that enhances system performance by reducing latency and improving data transfer efficiency. Auto is default and controlled by SI Compatibility and Directory Mode Enable/Disable."
Legal Values	• Auto • Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.OptimizedPowerMode

Description	"When set to Enabled, processor is tuned for lower power consumption. Also sets C1E to Enabled, sets CPU Power Management to System DBPM mode, sets Energy Efficient Policy to Performance, and sets Uncore Frequency to Dynamic."
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.OptimizedPowerMode

Description	"When set to Enabled, processor is tuned for lower power consumption. Also sets C1E to Enabled, sets CPU Power Management to System DBPM mode, sets Energy Efficient Policy to Performance, and sets Uncore Frequency to Dynamic."
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.OptimizerMode

Description	Manages the CPU performance based on the power management setting. Auto: Default setting. Enables Static ICA when CPU Power Management is set to Max Performance. If Static ICA is not supported in this system, then enables Adaptive ICA. Enabled: Enables Static ICA even if the CPU Power Management feature is enabled. Adaptive: Please use earlier proposal? Disabled: Disables the WHICH feature.
Legal Values	• Auto • Disabled • Enabled • Adaptive
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.PROCESSOR_CCD

Description	Core-Complex Die, its the container of CCX
Legal Values	• All • 2 • 3 • 4 • 6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.PROCESSOR_CCD_CCX

Description	Core Complex, all the cores in the same CCX share L3 Cache
Legal Values	• ALL, TWO(1+1) • FOUR(2+2) • SIX(3+3)
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.PerfMonitorDevices

Description	When set to Enabled, Performance Monitor Devices are visible to the OS.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.PptControl

Description	Enables or disables the Package Power Tracking (PPT) control. Auto: Automatically set PPT in watts Manual: Specify a custom PPT
Legal Values	• Auto, Manual
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only applicable on AMD-based platforms.

BIOS.ProcSettings.PrebootDmaProtection

Description	When set to Enabled, using Virtualization Technology, BIOS will enable direct memory access protection for DMA-capable peripheral devices during the system boot. Make sure to also enable Virtualization Technology support to use this option.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0Brand

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0ControlledTurbo

Description	No description information available.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0ControlledTurboMinusBin

Description	No description information available.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0Cores

Description	No description information available.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0Id

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0L2Cache

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0L3Cache

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0MaxMemoryCapacity

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0Microcode

Description	No description information available.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0NumCores

Description	No description information available.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc0PPIN

Description	No description information available.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.Proc1Brand

Description	This field displays the brand text provided by the processor manufacturer.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1ControlledTurbo

Description	Helps control the turbo engagement for processor 1. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.
Legal Values	• Disabled • ControlledTurboLimit • ControlledTurboLimitMinus1 • ControlledTurboLimitMinus2 • ControlledTurboLimitMinus3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	No dependency, however this setting is only valid when the CPU Power Management is set to Maximum Performance.If the CPU Power Management is not set to Maximum Performance, the customer can still change it but it will have no effect. A DPAT Pro license is needed to expose this field.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1ControlledTurboMinusBin

Description	For processor 1, when the Dell Controlled Turbo feature is enabled and set to Custom, the value entered decreases the Dell AVX Scaling Technology frequency.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1Cores

Description	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
Legal Values	• All • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This setting requires the DPAT Pro license to be visible. It can be edited only if the Number of Cores per Processor is set to Custom.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1Id

Description	Displays the processors family, model, and stepping values.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1L2Cache

Description	Displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1L3Cache

Description	Displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1MaxMemoryCapacity

Description	Displays the maximum amount of system memory supported by this processor.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Available only when "max memory capacity" data is provided by the processor.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1Microcode

Description	Indicates the microcode update signature.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	• This attribute is only configurable through performance profiles. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc1NumCores

Description	Displays the number of cores in the processor package.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2Brand

Description	Displays the brand text provided by the processor manufacturer.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2ControlledTurbo

Description	Helps control the turbo engagement for processor 2. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.
Legal Values	• Disabled • ControlledTurboLimit • ControlledTurboLimitMinus1 • ControlledTurboLimitMinus2 • ControlledTurboLimitMinus3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	No dependency, however this setting is only valid when the CPU Power Management is set to Maximum Performance.If the CPU Power Management is not set to Maximum Performance, the customer can still change it but it will have no effect. A DPAT Pro license is needed to expose this field.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2ControlledTurboMinusBin

Description	For processor 2, when the Dell Controlled Turbo feature is enabled and set to Custom, the value entered decreases the Dell AVX Scaling Technology frequency.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2Cores

Description	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
Legal Values	• All • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This setting requires the DPAT Pro license to be visible. It can be edited only if the Number of Cores per Processor is set to Custom.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2Id

Description	Displays the processors family, model, and stepping values.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2L2Cache

Description	Displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2L3Cache

Description	Displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2MaxMemoryCapacity

Description	Displays the maximum amount of system memory supported by this processor.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Available only when "max memory capacity" data is provided by the processor.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2Microcode

Description	Indicates the microcode update signature.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc2NumCores

Description	Displays the number of cores in the processor package.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3Brand

Description	Displays the brand text provided by the processor manufacturer.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3ControlledTurbo

Description	Helps control the turbo engagement for processor 3. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.
Legal Values	• Disabled

- ControlledTurboLimit
- ControlledTurboLimitMinus1
- ControlledTurboLimitMinus2
- ControlledTurboLimitMinus3

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	No dependency, however this setting is only valid when the CPU Power Management is set to Maximum Performance.If the CPU Power Management is not set to Maximum Performance, the customer can still change it but it will have no effect. A DPAT Pro license is needed to expose this field.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3ControlledTurboMinusBin

Description	For processor 3, when the Dell Controlled Turbo feature is enabled and set to Custom, the value entered decreases the Dell AVX Scaling Technology frequency.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3Cores

Description	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
Legal Values	• All • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This setting requires the DPAT Pro license to be visible. It can be edited only if the Number of Cores per Processor is set to Custom.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3Id

Description	Displays the processors family, model, and stepping values.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3L2Cache

Description	Displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3L3Cache

Description	Displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3MaxMemoryCapacity

Description	Displays the maximum amount of system memory supported by this processor.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Available only when "max memory capacity" data is provided by the processor.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3Microcode

Description	Indicates the microcode update signature.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc3NumCores

Description	Displays the number of cores in the processor package.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4Brand

Description	Displays the brand text provided by the processor manufacturer.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4ControlledTurbo

Description	Helps to control the turbo engagement for processor 4. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.
Legal Values	• Disabled • ControlledTurboLimit • ControlledTurboLimitMinus1 • ControlledTurboLimitMinus2 • ControlledTurboLimitMinus3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	No dependency, however this setting is only valid when the CPU Power Management is set to Maximum Performance.If the CPU Power Management is not set to Maximum Performance, the customer can still change it but it will have no effect. A DPAT Pro license is needed to expose this field.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4ControlledTurboMinusBin

Description	For processor 4, when the Dell Controlled Turbo feature is enabled and set to Custom, the value entered decreases the Dell AVX Scaling Technology frequency.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4Cores

Description	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
Legal Values	• All • 1 • 2 • 4 • 6

- 8
- 10
- 12
- 14
- 16
- 18
- 20
- 22
- 24
- 26
- 28

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This setting requires the DPAT Pro license to be visible. It can be edited only if the Number of Cores per Processor is set to Custom.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4Id

Description	Displays the processors family, model, and stepping values.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4L2Cache

Description	This field displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4L3Cache

Description	This field displays the amount of memory in the corresponding processor cache.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4MaxMemoryCapacity

Description	Displays the maximum amount of system memory supported by this processor.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Available only when "max memory capacity" data is provided by the processor.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4Microcode

Description	Indicates the microcode update signature.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc4NumCores

Description	This field displays the number of cores in the processor package.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Proc64bit

Description	Indicates whether or not the installed processor(s) support 64-bit extensions.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcAdjCacheLine

Description	When set to Enabled, the system is optimized for applications that require high utilization of sequential memory access. Disable this option for applications that require high utilization of random memory access.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcAmpPrefetch

Description	When enabled, this option enables one of the Mid-Level Cache (MLC) AMP hardware Prefetcher.
Legal Values	• Disabled • Enabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcAts

Description	Defines the Address Translation Cache (ATC) behavior for devices to cache DMA translations. This field provides an interface to a chipsets Address Translation and Protection Table to translate DMA addresses to host addresses.
Legal Values	• Enabled • Disabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Can only be edited if Virtualization is set to Enabled. Supported on 13G, except value systems. Not supported on 14G.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcAvxP1

Description	Avx P1 level selection.
Legal Values	• Normal • Level1 • Level2
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcBusSpeed

Description	Displays the bus speed of the processor(s).
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcCcds

Description	Enable number of CCDs per Processor.
Legal Values	• All • 2 • 3 • 4 • 6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcConfigPptManual

Description	This option appears when PPT Control is set to Manual for customizing Package Power Tracking (PPT) in watts (decimal). PPT should not exceed the configured TDP.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This field is grayed out if PPT Control set to Auto. It can only be set when PPT Control is set to Manual and should not exceed the cTDP. Only applicable on AMD-based platforms.

BIOS.ProcSettings.ProcConfigTdp

Description	Allows the reconfiguration of the processor Thermal Design Power (TDP) levels based on the power and thermal delivery capabilities of the system. TDP refers to the maximum amount of power the cooling system is required to dissipate. NOTE: This option is only available on certain SKUs of the processors, and the number of alternative levels varies as well.
Legal Values	• Nominal • Level1 • Level2 • Maximum • Minimum
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Value systems only support Nominaml (effectively not configurable).
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcConfigTdpManual

Description	This option appears when TDP Control is set to Manual for customizing Thermal Design Power (TDP) in watts (decimal). The manual TDP should align with OPN design.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This field is grayed out if TDP Control set to Auto. It can only be set when TDP Control is set to Manual and based on CPU OPN limitation. Only applicable on AMD-based platforms.

BIOS.ProcSettings.ProcCoreSpeed

Description	Displays the rated clock speed of the processor(s).
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcCores

Description	Controls the number of cores presented to the Operating System (OS) from each populated processor socket. In general, it is uncommon to artificially reduce the core count for a given system, but under some circumstances, limited performance improvements to Intel Turbo Boost Technology and potentially larger shared caches may benefit some customers. Most computing environments tend to benefit more from larger numbers of processing cores, so you must carefully weigh disabling cores to gain nominal performance enhancements.
Legal Values	• Single • All • Dual • Quad • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28 • 32 • Custom
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcCoresPerDie

Description	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
Legal Values	• Auto • Two1Plus1 • Two2Plus0 • Three3Plus0 • Four2Plus2 • Four4Plus0 • Six3Plus3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcDramPrefetcher

Description	When set to Enabled, turns on the DRAM prefetch unit in the Northbridge. When set to Disabled, prevents DRAM references from triggering DRAM prefetch requests. Default: Enabled
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcExecuteDisable

Description	A security feature designed to prevent certain types of buffer overflow attacks by enforcing specific areas of memory that applications can execute code. In general, it is best pratice to leave this option set to Enabled for the security benefits, as no real performance advantage has been detected by disabling this feature in BIOS.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcHomelessPrefetch

Description	When enabled, this option allows L1 Data Cache Unit (DCU) to prefetch when the Fill Buffers (FB) is full. Auto maps to hardware default setting.
Legal Values	• Auto • Enabled • Disabled
Default Value	Auto
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcHpcMode

Description	No description information available.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcHtAssist

Description	When enabled, it provides filtering of broadcast probes to improve HyperTransport I/O Link bandwidth and performance on multi-node systems. When set to Enabled, the probe filter is enabled if two or more processors are installed and all processors support the probe filter. If only one processor is installed, both nodes must have memory (at least 1067 MT/s) attached. The default is Disabled for single-processor systems and Enabled for multi-processor systems.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcHwPrefetcher

Description	When set to Enabled, the processor is able to prefetch extra cache lines for every memory request. This setting can affect performance, depending on the application running on the server and memory bandwidth utilization.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcHyperTransport

Description	Specifies the supported HyperTransport I/O Link Specification. If the system board and all installed processors support HT 3, this field is settable to HT 3 or HT 1, else this field will become Read-Only and set to HT 1.
Legal Values	• HT1 • HT3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcIssSetting

Description	Allows the reconfiguration of the processor via Speed Select Technology (SST).
Legal Values	• IssOp1 • IssOp2 • IssOp3 • IssOp4 • IssOp5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Available for Intel CPUs. Not all Operating Points are available. OPs available are based on CPU sku. BIOS will expose SST-PP level options assuming that more than one option is available. If only one options is available then the setup option will be hidden.

BIOS.ProcSettings.ProcSoftwarePrefetcher

Description	When set to Enabled, the hardware prefetcher considers software prefetches when detecting strides for prefetch requests. When set to Disabled, prevents the hardware prefetcher from considering software prefetches when detecting strides for prefetch requests. Default: Enabled
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcSwPrefetcher

Description	When set to Enabled, the processor is able to prefetch extra cache lines for every memory request. This setting can affect performance, depending on the application running on the server and memory bandwidth utilization.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcUncoreFreqRapl

Description	This setting controls whether the Running Average Power Limit (RAPL) balancer is enabled. If enabled, it activates the uncore power budgeting.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcVirtualization

Description	When set to Enabled, the BIOS will enable processor Virtualization features and provide the virtualization support to the Operating System (OS) through the DMAR table. In general, only

	virtualized environments such as VMware(r) ESX(tm), Microsoft Hyper-V(r), Red Hat(r) KVM, and other virtualized operating systems will take advantage of these features. Disabling this feature is not known to significantly alter the performance or power characteristics of the system, so leaving this option Enabled is advised for most cases.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcX2Apic

Description	Enable or Disable x2APIC mode. Compared to the traditional xAPIC architecture, x2APIC extends processor addressability and enhances interrupt delivery performance. BIOS will force x2APIC to be enabled if there are 256 or more processor threads
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.ProcessorActivePbf

Description	Enable Intel SST-BF. It is only allowed in Performance Per Watt (OS) or Custom (when OSPM is enabled) system profiles.
Legal Values	• Enabled,Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only active if feature is supported by all installed processors.

BIOS.ProcSettings.ProcessorSstCpSetting

Description	RAPL Prioritization allows creating core groups of different priority.
Legal Values	• Enabled,Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None

BIOS.ProcSettings.QpiBandwidthPriority

Description	Determines the number and priority of requests on the QuickPath Interconnect (QPI) bus. The QPI connects the processor sockets. The Compute setting favors computational traffic while the I/O setting is optimized for IO intensive workloads.
Legal Values	• InputOutput • Compute
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.QpiSpeed

Description	The Intel QuickPath Interconnect (QPI) Speed option in the Processor section governs the frequency of the QPI links between the populated processors. The user should be aware that standard and basic bin Intel processors of this architecture support slower QPI link speeds than the advanced parts provide. Maximum Data Rate indicates that the BIOS will run the QPI links at the maximum frequency supported by the processor. Specific frequencies supported by the processor, which can vary, can also be selected. For best performance, the QPI link speed should be left at the maximized setting, for any reduction in QPI speed will affect the performance of non-local memory accesses and cache coherency traffic. In addition, access to non-local I/O devices from a particular core can be slowed by the reduction of QPI link speed. However, in some cases it may be advisable to reduce QPI speed where power considerations outweigh the performance cost. For users considering reducing the QPI link speeds, memory and I/O accesses should be localized to the nearest NUMA node to minimize the performance impact.
Legal Values	• MaxDataRate • 9GTps • 8GTps • 7GTps • 6GTps
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available if 2 or more CPUs are present.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.RtidSetting

Description	Manipulates Requestor Transaction IDs, which are QuickPath Interconnect (QPI) resources. Generally should be left at Disabled, as no workloads have been identified as benefitting from the manipulation of this feature. NOTE: Enabling this option almost always results in negative impacts to overall system performance.
Legal Values	• Disabled

- Enabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Supported on 13G, except value systems. Not supported on 14G.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.Sme

Description	Enables or disables AMD secure encryption features such as Secure Memory Encryption (SME) and Secure Encrypted Virtualization (SEV). In addition to enabling this option, SME must be supported and activated by the operating system. Similarly, SEV must be supported and activated by the hypervisor. This option also determines if other secure encryption feature such as TSME and SEV-SNP features can be enabled.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.SubNumaCluster

Description	Sub NUMA Clustering (SNC) is a feature for breaking up the LLC into disjoint clusters based on address range, with each cluster bound to a subset of the memory controllers in the system. It improves average latency to the LLC.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.TdpControl

Description	Allows the reconfiguration of the processor Thermal Design Power (TDP) levels based on the power and thermal delivery capabilities of the system. TDP refers to the maximum amount of power the cooling system is required to dissipate. Auto: Use platform and OPN default TDP Manual: Set custom configuration TDP NOTE: This option is only available on certain SKUs of the processors, and the number of alternative levels varies as well.
Legal Values	• Auto, Manual
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	Only applicable on AMD-based platforms.

BIOS.ProcSettings.TransparentSme

Description	Enables or disables TSME. TSME is always-on memory encryption that does not require operating system or hypervisor support. If the operating system supports SME this field does not need to be enabled. If the hypervisor supports SEV this field does not need to be enabled. Enabling TSME affects system memory performance.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.UmaBasedClustering

Description	UMA Based Clustering options include Disable(ALL2ALL), Hemisphere(2 cluster), and Quadrant (4 cluster). These option are only valid when SNC is disabled. If SNC is enabled, UMA-Based Clustering is automatically disabled by BIOS.
Legal Values	• Disable • Hemisphere • Quadrant
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	SNC should be Disabled.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.UmaBasedClusteringStatus

Description	Quadrant UMA Based Clustering is the default mode when Sub NUMA Clustering is disabled. If Sub NUMA clustering is set to 2Way or 4Way then this setting is disabled.
Legal Values	• Enabled,Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Informational only

BIOS.ProcSettings.Upi3LinkCtrl

Description	Set the value of UPI3 which is the QPI Link Control for the CPUs. This field is provided due to CPU issue of crosstalk from UPI Port3 affecting Lane 0 Rx margins of PCIe Port3 (PE3) when operating at

	Gen5 Speed. Disabled - Disable UPI3 link and allow the PE3 port A to reach Gen 5 speed (32GT/s). Enabled - Enable UPI3 link and limit the PE3 port A to Gen4 speed (16GT/s).
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.UpiPrefetch

Description	UPI Prefetch is a mechanism too get the memory read started early on DDR bus, the UPI Rx path will spawn a MemSpecRd to iMC directly.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.ProcSettings.VirtualNuma

Description	Divide physical NUMA nodes into evenly sized virtual NUMA nodes in ACPI table. This may improve Windows performance on CPUs with more than 64 logical processors.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.VirtualNumaNodes

Description	The number of virtual NUMA nodes per physical NUMA nodes. 0 means automatically set the number of virtual NUMA nodes based on system configuration. 1 equals disabling virtual NUMA.
Legal Values	• 0, 1, 2, 3, 4, 5, 6, 7, 8
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.XptPrefetch

Description	XPT Prefetch is a mechanism that enables a read request that is being sent to the LLC to speculatively issue a copy of that read to the memory controller.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.rmp

Description	This option selects the operating mode of the Nested Paging (SNP) Memory and the Reverse Map Table (RMP).\n" "The RMP is used to ensure a one-to-one mapping between system physical addresses and guest physical addresses.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.ProcSettings.snp

Description	Enables or disables SEV-SNP, a set of additional security protections.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev10Settings.PxeDev10Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev10Settings.PxeDev10Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev10Settings.PxeDev10VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev10Settings.PxeDev10VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev10Settings.PxeDev10VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev10Settings.PxeDev11VlanEnDis

Description	VLAN Enable/Disable for this PXE device.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev11Settings.PxeDev11Interface

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev11Settings.PxeDev11Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev11Settings.PxeDev11VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev11Settings.PxeDev11VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None

BIOS.PxeDev12Settings.PxeDev12Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev12Settings.PxeDev12Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev12Settings.PxeDev12VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev12Settings.PxeDev12VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev12Settings.PxeDev12VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev13Settings.PxeDev13Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev13Settings.PxeDev13Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev13Settings.PxeDev13VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev13Settings.PxeDev13VlanId

Description	VLAN ID for this PXE device.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev13Settings.PxeDev13VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev14Settings.PxeDev14Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev14Settings.PxeDev14Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev14Settings.PxeDev14VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None

BIOS.PxeDev14Settings.PxeDev14VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev14Settings.PxeDev14VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev15Settings.PxeDev15Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev15Settings.PxeDev15Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev15Settings.PxeDev15VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev15Settings.PxeDev15VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev15Settings.PxeDev15VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev16Settings.PxeDev16Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev16Settings.PxeDev16Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4

- IPv6

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev16Settings.PxeDev16VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev16Settings.PxeDev16VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev16Settings.PxeDev16VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev1Settings.PxeDev1Interface

Description	NIC Interface used for this PXE device.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev1Settings.PxeDev1Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev1Settings.PxeDev1VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev1Settings.PxeDev1VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev1Settings.PxeDev1VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev2Settings.PxeDev2Interface

Description	NIC Interface used for this PXE device.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev2Settings.PxeDev2Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev2Settings.PxeDev2VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev2Settings.PxeDev2VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev2Settings.PxeDev2VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev3Settings.PxeDev3Interface

Description	NIC Interface used for this PXE device.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev3Settings.PxeDev3Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev3Settings.PxeDev3VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev3Settings.PxeDev3VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev3Settings.PxeDev3VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev4Settings.PxeDev4Interface

Description	NIC Interface used for this PXE device.
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev4Settings.PxeDev4Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev4Settings.PxeDev4VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev4Settings.PxeDev4VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev4Settings.PxeDev4VlanPriority

Description	VLAN priority for this PXE device.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.PxeDev5Settings.PxeDev5Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev5Settings.PxeDev5Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev5Settings.PxeDev5VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev5Settings.PxeDev5VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev5Settings.PxeDev5VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev6Settings.PxeDev6Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev6Settings.PxeDev6Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev6Settings.PxeDev6VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev6Settings.PxeDev6VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev6Settings.PxeDev6VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev7Settings.PxeDev7Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev7Settings.PxeDev7Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev7Settings.PxeDev7VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled

	• Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev7Settings.PxeDev7VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev7Settings.PxeDev7VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev8Settings.PxeDev8Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev8Settings.PxeDev8Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None

BIOS.PxeDev8Settings.PxeDev8VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev8Settings.PxeDev8VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev8Settings.PxeDev8VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev8Settings.PxeDev8VlanPriority

Description	VLAN priority for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev9Settings.PxeDev9Interface

Description	NIC Interface used for this PXE device.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev9Settings.PxeDev9Protocol

Description	This field controls the PXE protocol used for this PXE device.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev9Settings.PxeDev9VlanEnDis

Description	VLAN Enable/Disable for this PXE device.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev9Settings.PxeDev9VlanId

Description	VLAN ID for this PXE device.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.PxeDev9Settings.PxeDev9VlanPriority

Description	VLAN priority for this PXE device.

Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.RedundantOsControl.RedundantOsBoot

Description	When set to Enabled, the BIOS will boot to the device specified by Redundant OS Location.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.RedundantOsControl.RedundantOsLocation

Description	Specifies the backup device for the Redundant OS Control feature. When Redundant OS Boot is set to Enabled, the BIOS will boot to this device. Note: 1) SD Card Port, Internal USB Port, M.2 cards - If a device is set as the Redundant OS Location, then the corresponding device setting will be set based on Redundant OS state and not be available to be changed in Integrated Devices. 2) Embedded SATA - must be set to anything other than Off for SATA ports to show up as optional backup devices
Legal Values	• *Dynamic*
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.RedundantOsControl.RedundantOsState

Description	When set to Hidden, the device specified by Redundant OS Location will be hidden. It will not be visible in the Operating System or the BIOS boot sequence.
Legal Values	• Visible • Hidden
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.EmbSata

Description	Configures the embedded SATA to be set to Off, AHCI, or RAID Mode.
Legal Values	• Off • AtaMode • RaidMode • AhciMode
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	RAID option is suppressed if platform does not support SWRAID. Does R330 support SW RAID based on chassis? Ata Mode was deprecated with 13G and is removed in 14G and later.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.EmbSataShadow

Description	For internal use.
Legal Values	• AtaMode • AhciMode • RaidMode • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	No dependency, AND should NOT be used by any teams except BIOS.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortA

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 1 onboard SATA port. This attribute is grayed out if Sata Mode is NOT ATA.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortACapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 1 onboard SATA port.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortADriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 1 onboard SATA port.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortAModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 1 onboard SATA port.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortB

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the

	device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 2 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortBCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 2 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortBDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 2 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortBModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 2 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortC

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 3 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortCCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 3 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortCDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 3 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortCModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 3 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortD

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 4 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortDCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 4 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortDDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 4 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortDModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 4 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortE

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 5 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortECapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 5 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortEDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 5 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortEModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 5 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortF

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 6 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortFCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 6 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortFDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 6 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortFModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 6 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortG

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 7 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortGCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortGDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortGModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortH

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 8 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortHCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 8 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortHDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 8 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortHModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 8 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortI

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 9 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortICapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 9 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortIDriveType

Description	This field indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 9 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortIModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 9 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortJ

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 10 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortJCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 10 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortJDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 10 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortJModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 10 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortK

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 7 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortKCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortKDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortKModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortL

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 7 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortLCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortLDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortLModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Indicates the drive model of the selected device.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortM

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.

Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 7 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortMCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortMDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortMModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortN

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is shown if platform supports at least 7 onboard SATA ports. This attribute is grayed out if Sata Mode is NOT ATA.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortNCapacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortNDriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SataPortNModel

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	SATA_MODEL
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is supressed if Sata Mode is RAID or the platform supports less than 7 onboard SATA ports.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.SecurityFreezeLock

Description	When set to Enabled, the Security Freeze Lock command is sent to the Embedded SATA drives during POST. This option is only applicable to ATA, AHCI mode, and is not applicable to RAID mode.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This has the value of Disabled (read-only) if Sata Mode is Raid or Off.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.WriteCache

Description	Sends Enable or Disable Write Cache command to the Embedded SATA drives during POST. This option is only applicable to ATA, AHCI mode, and is not applicable to RAID mode.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This has the value of Disabled (read-only) if Sata Mode is Raid or Off.

BIOS.SataSettings.eSataPort1

Description	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
Legal Values	• Off • Auto
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.eSataPort1Capacity

Description	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.eSataPort1DriveType

Description	Indicates type of device attached to this SATA port.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SataSettings.eSataPort1Model

Description	Indicates the drive model of the selected device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SerialCommSettings.ConTermType

Description	This field sets your remote consoles terminal type. The <Ctrl><Alt><Del> key sequence is mapped to <ESC><R><ESC><r><ESC><R> on the Terminal. The <Ctrl><H>, <Ctrl><I>, <Ctrl><J>, <Ctrl><M> key sequences are mapped to <ESC><Ctrl><H>, <ESC><Ctrl><I>, <ESC><Ctrl><J>, <ESC><Ctrl><M> on the Terminal. <Alt><x> key sequences are mapped to <ESC><X><X> on the Terminal, where x is any letter key, and X is the upper case of that key.
Legal Values	• Vt100Vt220 • Ansi
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SerialCommSettings.ExtSerialConnector

Description	Use this field to associate the External Serial Connector to Serial Device 1, Serial Device 2, or the Remote Access Device. Note: Only Serial Device 2 can be used for Serial Over LAN. Configuring the External Serial Connector to Serial Device 1 allows independent use of Serial Device 1 while Serial Device 2 can be used for Serial Over LAN. Please see the Users Guide for the various operating modes available.
Legal Values	• Serial1 • Serial2 • RemoteAccDevice
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not supported on blades.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SerialCommSettings.FailSafeBaud

Description	If the BIOS fails to determine the baud rate automatically, then it will use the baud rate specified by this field.
Legal Values	• 115200 • 57600 • 19200 • 9600
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SerialCommSettings.RedirAfterBoot

Description	Determines whether console redirection is enabled when the operating system is loaded.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SerialCommSettings.SerialComm

Description	This field controls the Serial Communication options.
Legal Values	• Off • OnConRedirAuto • OnNoConRedir • OnConRedirCom1 • OnConRedirCom2 • OnConRedir
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Monolithics:Auto, Off, On without CR, On with CR via COM1, On with CR via COM2. Blades: Off, On without CR, On with CR.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SerialCommSettings.SerialPortAddress

Description	This field sets port address for the Serial Devices. (COM1=0x3F8, COM2=0x2F8) Note: Only Serial Device 2 can be used for Serial Over LAN (SOL). To get Console Redirection via SOL, configure the same port address for Console Redirection and Serial Device.
Legal Values	• Serial1Com1Serial2Com2 • Serial1Com2Serial2Com1 • Com1 • Com2
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Blades: Com1, Com2 Monolithics: Serial1Com1Serial2Com2, Serial1Com2Serial2Com1
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.DellAutoDiscovery

Description	Allow BIOS to dynamically scan for PCIe devices rather than relying strictly on system slot definitions. The Platform Default setting will strictly follow the system slot definitions when configuring each PCIe slot. The Auto Discovery setting will analyze the installed PCIe cards and determine the correct configuration for each slot. This may include bifurcation of the slot for multiple devices. Manual Control allows the user to override bifurcation settings for each slot. CAUTION: Improper configuration of PCIe slots can prevent the system from functioning properly!
Legal Values	• PlatformDefault • AutoDiscovery • ManualControl
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot10Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot11Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4

	Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot12Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot13Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot14Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot1Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8

- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot21Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot22Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8

- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot23Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot24Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency	None

BIOS.SlotBifurcation.Slot25Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot26Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot27Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot28Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot29Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When

set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values
- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot2Bif

Description Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

Legal Values
- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

Notes To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot30Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values
- Allx16

- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot31Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot32Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot33Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot34Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot35Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot36Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotBifurcation.Slot37Bif

Description	"Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When

set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot38Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot39Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4

- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot3Bif

Description Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

Notes To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot40Bif

Description "Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown."

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8

- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotBifurcation.Slot4Bif

Description Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

Notes To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot5Bif

Description Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

Legal Values

- Allx16
- Allx8
- Allx4
- x4
- x16
- x8
- x4x4x8
- x8x4x4

Default Value None

Write Privilege N/A

License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot6Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot7Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot8Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotBifurcation.Slot9Bif

Description	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
Legal Values	• Allx16 • Allx8 • Allx4 • x4 • x16 • x8 • x4x4x8 • x8x4x4
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot1

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot10

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot11

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot12

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot13

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot14

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot2

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver

	are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot21

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot22

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure

that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."

Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot23

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot24

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot25

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot26

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot27

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot28

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot29

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be

available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."

Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot3

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot30

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."

Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot31

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot32

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot33

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot34

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot35

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be

available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."

Legal Values
- Enabled
- Disabled
- BootDriverDisabled

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotDisablement.Slot36

Description "Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."

Legal Values
- Enabled
- Disabled
- BootDriverDisabled

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotDisablement.Slot37

Description "Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."

Legal Values
- Enabled
- Disabled

- BootDriverDisabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot38

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot39

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot4

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot40

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot41

Description	"Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver

	are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result,the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs)."
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotDisablement.Slot5

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot6

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure

	that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot7

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot8

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled

- Disabled
- BootDriverDisabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotDisablement.Slot9

Description	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
Legal Values	• Enabled • Disabled • BootDriverDisabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SlotLinkSpeed.Slot10LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotLinkSpeed.Slot1LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotLinkSpeed.Slot2LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotLinkSpeed.Slot3LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	None

BIOS.SlotLinkSpeed.Slot4LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotLinkSpeed.Slot5LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SlotLinkSpeed.Slot6LinkSpeed

Description	Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.
Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4

- Gen4
- Gen5

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotLinkSpeed.Slot7LinkSpeed

Description Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.

Legal Values

- Auto
- Gen1
- Gen2
- Gen3
- Gen4
- Gen4
- Gen5

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotLinkSpeed.Slot8LinkSpeed

Description Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.

Legal Values

- Auto
- Gen1
- Gen2
- Gen3
- Gen4
- Gen4
- Gen5

Default Value None

Write Privilege N/A

License Required N/A

Dependency None

BIOS.SlotLinkSpeed.Slot9LinkSpeed

Description Controls the maximum PCIe link speed of the PCIe slot. When set to a specific link speed, the slot will be capped to that speed. When set to Auto, the slot will train to the highest supported speed the slot supports. Only supported slots and supported link speed options will be available.

Legal Values	• Auto • Gen1 • Gen2 • Gen3 • Gen4 • Gen4 • Gen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.AgesaVersion

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysInformation.DxioVersion

Description	Display the DXIO firmware version.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysInformation.MpioVersion

Description	Display the MPIO firmware version.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SmuVersion

Description	Display the SMU firmware version
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SysMfrContactInfo

Description	Indicates the contact information of the Original Equipment Manufacturer (OEM).
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemBiosVersion

Description	Indicates the current version of the BIOS firmware.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemCpld2Version

Description	Indicates the current firmware version of CPLD.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemCpldVersion

Description	Indicates the current firmware version of CPLD.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemFpga2Version

Description	Indicates the current firmware version of FPGA.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemFpgaVersion

Description	Indicates the current firmware version of FPGA.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemManufacturer

Description	Indicates the name of the Original Equipment Manufacturer (OEM).
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemMeVersion

Description	Indicates the current version of the Management Engine (ME) firmware.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemModelName

Description	Indicates the product name of the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.SystemServiceTag

Description	Indicates the Service Tag of a system, a unique identifier assigned by the Original Equipment Manufacturer (OEM).
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysInformation.UefiComplianceVersion

Description	Indicates the UEFI compliance level of the system firmware.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysProfileSettings.ApbDis

Description	When enabled a specific hard-fused Data Fabric (SoC) P-state is forced for optimizing workloads sensitive to latency or throughput. (For higher performance) When disabled P-states will be automatically managed by the Application Power Management, allowing the processor to provide maximum performance while remaining within a specified power-delivery and thermal envelope. (For power savings)
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.BoostFMax

Description	Boost Fmax
Legal Values	• BoostFMaxManual, BoostFMaxAuto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Otherwise it is grayed out and set to Auto as Default. Only applicable on AMD-based platforms.

BIOS.SysProfileSettings.BoostFMaxManual

Description	Specify the boost Fmax frequency limit to apply to all cores (MHz in decimal) 0 - no limit. Use the fused values. upto 0xFFFF: CPU cores limit on frequency in MHz. This will be capped by the fused part maximum frequency. Limits should be within the parts operational range.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile and Boost Fmax. it is only available if the System Profile is set to Custom and Boost Fmax field is selected as 1 - Manual. Only applicable on AMD-based platforms.

BIOS.SysProfileSettings.CollaborativeCpuPerfCtrl

Description	Allows for collaboration between the operating system and the hardware to dynamically control processor frequency for optimal power efficiency. This feature works only when CPU Power Management is set to System DBPM (DAPC), or Hardware P States. Otherwise, changing this setting does not impact system power or performance. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Disabled for all the other System Profiles.. This setting is only valid if the CPU Power Management is set to DAPC, or HWPM.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.CpuInterconnectBusLinkPower

Description	When enabled, CPU interconnect bus link power management is enabled
Legal Values	• Enabled • Disabled

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.CustomUncoreFrequency

Description	Select a customized frequency number for the Maximum mode of Processor Uncore Frequency. The frequency options are displayed according to the supported range of the current CPU SKU.
Legal Values	• 0.5GHz • 0.6GHz • 0.7GHz • 0.8GHz • 0.9GHz • 1.0GHz • 1.1GHz • 1.2GHz • 1.3GHz • 1.4GHz • 1.5GHz • 1.6GHz • 1.7GHz • 1.8GHz • 1.9GHz • 2.0GHz • 2.1GHz • 2.2GHz • 2.3GHz • 2.4GHz • 2.5GHz • 2.6GHz • 2.7GHz • 2.8GHz • 2.9GHz • 3.0GHz
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	To be updated
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.DeterminismControl

Description	Enables or disables the determinism settings.
Legal Values	• DeterminismAuto, DeterminismManual
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Otherwise it is grayed out and set to Auto as Default. Only applicable on AMD-based platforms.

BIOS.SysProfileSettings.DeterminismSlider

Description	It controls whether BIOS will enable determinism to control performance. Performance - BIOS will enable 100% deterministic performance control. Power - BIOS will not enable deterministic performance control.
Legal Values	• PerfDeterminism • PowerDeterminism
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Performance Determinism if the System Profile is set to Performance Per Watt (OS) and Performance.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.DfCState

Description	This field enables(0xF)/disables(0x0) DF CState.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysProfileSettings.DfPstate

Description	Disabled - means disable the DFPstate CCLK effective frequency optimizer Enabled - means enable the DFPstate CCLK effective frequency optimizer
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	Display name is incorrect. Contact SME for review

BIOS.SysProfileSettings.DfPstateFreqOptimizer

Description	Disabled: Disables the DF P-state CCLK effective frequency optimizer. Enabled: Enables the DF P-state CCLK effective frequency optimizer.
Legal Values	• Enabled, Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. It can only be set if the System Profile is set to Custom. Otherwise, it is grayed out and set to Enabled as Default. Only applicable on AMD-based platforms.

BIOS.SysProfileSettings.DfPstateLatencyOptimizer

Description	Disabled: Disables the DF P-state latency optimizer. Enabled: Enables the DF P-state latency optimizer.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysProfileSettings.DlwmForcedWidth

Description	None
Legal Values	• x16 • x8 • x2
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.DynamicL1

Description	This field only applies to the package level setting to allow dynamic entering lower power link state L1.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.DynamicLinkWidthManagement

Description	DLWM reduces the XGMI link width between sockets from x16 to x8 (default), when no traffic is detected on the link. As with Data Fabric and Memory Pstates, this feature is optimized to trade power between core and high IO/memory bandwidth workloads. Forced = Force link width to x16, x8, or x2. Unforced = Link width will be managed by DLWM engine.
Legal Values	• Forced • Unforced
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.EfficiencyOptimizedMode

Description	Efficiency Optimized Mode maximizes Performance-per-Watt by opportunistically reducing frequency/power.This field enables/disables Efficiency Optimized Mode.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.EnablePkgcCriteria

Description	This field enables power and system criteria for Package c state.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.EnergyEfficientTurbo

Description	Energy Efficient Turbo (EET) is a mode of operation where a processors core frequency is adjusted within the turbo range based on workload. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Enabled if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), orPerformance Per Watt (HWPM). Is set to Disabled if the System Profile is set to Performance, or Dense.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.EnergyPerformanceBias

Description	The CPU uses the setting to manipulate the internal behavior of the processor and determine whether targeting higher performance or better power savings. Read-only unless System Profile is set to Custom.
Legal Values	• MaxPower • BalancedPerformance • BalancedEfficiency • LowPower
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Balanced Performance if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), or Dense. Is set to Performance if the System Profile is set to Performance. Only applicable on Intel-based platforms.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.EqBypassToHighestRate

Description	Controls the ability to advertise Equalization Bypass to Highest Rate Support in TSxs sent prior to LinkUp=1r.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysProfileSettings.FixedSocPstate

Description	This value defines the forced P-state when ApbDis is enabled.
Legal Values	• FixedSocPstate0 • FixedSocPstate1 • FixedSocPstate2 • FixedSocPstate3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	AMD only attribute.
Notes	• This attribute is only supported on AMD platforms. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.Hsmp

Description	This value controls Host System Management Port (HSMP) interface to provide OS-level software with access to system management functions via a set of mailbox registers.
Legal Values	• Enabled, Disabled, Auto
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. It can only be set if the System Profile is set to Custom. Otherwise, it is grayed out and put to Enabled as Default. Only applicable on AMD-based platforms.

BIOS.SysProfileSettings.LatencyOptimizedMode

Description	Enabling Latency Optimized Mode runs core and uncore frequencies at maximum limits within the RAPL budget. Enable this if better latency is desired.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Enabled knob allows to select when Custom system profile

BIOS.SysProfileSettings.MemFrequency

Description	Governs the BIOS memory frequency. The variables that govern maximum memory frequency include the maximum rated frequency of the DIMMs, the DIMMs per channel population, the processor choice, and this BIOS option. Additional power savings can be achieved by reducing the memory frequency, at the expense of reduced performance. Read-only unless System Profile is set to Custom.
Legal Values	• MaxPerf • 2666MHz

- 2600MHz
- 2400MHz
- 2133MHz
- 1866MHz
- 1600MHz
- 1333MHz
- 1067MHz
- 800MHz
- MaxReliability

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Maximum Performance for all the other System Profiles..
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.MemPatrolScrub

Description	Patrol Scrubbing searches the memory for errors and repairs correctable errors to prevent the accumulation of memory errors. When set to Disabled, no patrol scrubbing will occur. When set to Standard Mode, the entire memory array will be scrubbed once in a 24 hour period. When set to Extended Mode, the entire memory array will be scrubbed more frequently to further increase system reliability. Read-only unless System Profile is set to Custom.
Legal Values	• Standard • Extended • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Standard if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), or Performance. Is set to Extended if the System Profile is set to Dense.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.MemPwrMgmt

Description	When set to Enabled, the memory can operate in Power Management Mode. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not supported on 13G+.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.MemRefreshRate

Description	The memory controller will periodically refresh the data in memory. The frequency at which memory is normally refreshed is referred to as 1X refresh rate. When memory modules are operating at a higher than normal temperature or to further increase system reliability, the refresh rate can be set to 2X, but may have a negative impact on memory subsystem performance under some circumstances. Read-only unless System Profile is set to Custom.
Legal Values	• 1x • 2x
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to 1X if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), or Performance. Is set to 2X if the System Profile is set to Dense.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.MemVolt

Description	Sets the DIMM voltage selection. When set to Auto the system will automatically set the system voltage to the optimal setting based upon the DIMM capability and the installed DIMM population. Also enables setting the system DIMM voltage to a higher (1.5V) setting if the DIMMs support multiple voltages and have been Auto set to a lower voltage. Read-only unless System Profile is set to Custom.
Legal Values	• AutoVolt • Volt135V • Volt15V
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.MonitorMwait

Description	Specifies whether Monitor/Mwait instructions are enabled. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Enabled for all the other System Profiles.. If the C-States are enabled, and the customer sets this field to Disabled, MonitorMWait is changed to Enabled in the next boot. For 14G - MWAIT is read-only if C-State is enabled. MWAIT is editable, only if C-State is disabled. For 15G - MWAIT is editable irrespective of whether C-State is enabled/disabled.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.OsAcpiCx

Description	This field sets the OS ACPI Cx to C2 or C3 state.
Legal Values	• OsCxC2 • OsCxC3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.PackageCStates

Description	This field allows enabling the package to transition to deeper C-state or limit to operational state.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• This attribute is only configurable through performance profiles. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.PcieAspmL1

Description	When enabled, PCIe Advanced State Power Management (ASPM) can reduce overall system power a bit while slightly reducing system performance. NOTE: Some devices may not perform properly (they may hang or cause the system to hang) when ASPM is enabled; for this reason L1 will only be enabled for validated qualified cards.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.PcieSpeedPmmControl

Description	Reduce link speed when devices are idle.
Legal Values	• DynamicLinkSpeed • StaticLinkSpeedGen4 • StaticLinkSpeedGen5
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysProfileSettings.PeriodicDirectoryRinseTuning

Description	Controls PDR settings that may impact performance by workload and/or processor. Memory-Sensitive: May accelerate high b/w scenarios Cache-Bound: May accelerate cache-bound scenarios Neutral: Fallback option for unknown or mixed scenarios Adaptive: Adjusts based on Memory/Cache Activity
Legal Values	• Auto • MemorySensitive • CacheBound • Neutral • Adaptive
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None

BIOS.SysProfileSettings.PkgCLatNeg

Description	This field only applies to package c state latecy negotiation when package C states is enabled.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.PowerDelivery

Description	No description information available.
Legal Values	• MaxReliability • MinPwr
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.PowerProfileSelect

Description	High Performance Mode (default): In this mode, preference is given to core performance. All DF P-States are available in this mode and the default DF P-State and DLWM algorithms are active. Efficiency Mode: In this mode, the system is configured for power efficiency, which limits the frequency available to cores and restricts DF P-States available in the system. Maximum IO Performance Mode: In this mode, Data Fabric is configured to maximize IO sub-system performance. Balanced Memory Performance Mode: This mode uses High Performance Mode when the system is under heavy load, and Efficiency Mode when the system is under lighter loads. Balanced Core Performance Mode: In this mode, the memory subsystem behavior is the same as High Performance Mode, except that the system uses excess power from the memory subsystem to run cores at the highest possible frequency instead of using the energy budget of inactive cores. Balanced Core Memory Performance Mode: This mode combines memory subsystem behavior from Balanced Memory Performance Mode and core behavior from Balanced Core Performance Mode.
Legal Values	• HighPerformanceMode, EfficiencyMode, MaxIOPerformanceMode, BalancedMemPerfMode, BalancedCorePerfMode, BalancedCoreMemPerfMode
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. It can only be set if the System Profile is set to Custom. Otherwise, it is grayed out and set to High Performance Mode as Default. Only applicable on AMD-based platforms.

BIOS.SysProfileSettings.PowerSaver

Description	When set to Enabled, maximizes power savings, at the expense of performance. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.Proc1TurboCoreNum

Description	Controls the number of Turbo Boost enabled cores for processor 1. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom, Turbo Boost is set to Enabled and CPU Power Management is set to Maximum Performance.
Legal Values	• All • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to All for all the other System Profiles..
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.Proc2TurboCoreNum

Description	Controls the number of Turbo Boost enabled cores for processor 2. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom, Turbo Boost is set to Enabled and CPU Power Management is set to Maximum Performance.
Legal Values	• All • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to All for all the other System Profiles..
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.Proc3TurboCoreNum

Description	Controls the number of Turbo Boost enabled cores for processor 3. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom, Turbo Boost is set to Enabled and CPU Power Management is set to Maximum Performance.
Legal Values	• All • 1 • 2 • 4 • 6 • 8 • 10 • 12 • 14 • 16 • 18 • 20 • 22 • 24 • 26 • 28
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to All for all the other System Profiles..
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.Proc4TurboCoreNum

Description	Controls the number of Turbo Boost enabled cores for processor 4. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom, Turbo Boost is set to Enabled and CPU Power Management is set to Maximum Performance.
Legal Values	• All • 1 • 2 • 4 • 6 • 8

- 10
- 12
- 14
- 16
- 18
- 20
- 22
- 24
- 26
- 28

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to All for all the other System Profiles..
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcC1E

Description	When set to Enabled, the processor is allowed to switch to minimum performance state when idle. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Enabled if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), or Dense. Is set to Disabled if the System Profile is set to Performance.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcCStates

Description	C States allow the processor to enter lower power states when idle. When set to Enabled (OS controlled) or when set to Autonomous (if Hardware controlled is supported), the processor can operate in all available Power States to save power, but may increase memory latency and frequency jitter. Read-only unless System Profile is set to Custom.
Legal Values	• Disabled • Enabled • Autonomous
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Enabled if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt

(OS), Performance Per Watt (HWPM), or Dense. Is set to Disabled if the System Profile is set to Performance.

Notes To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcPwrPerf

Description Allows selection of CPU power management methodology. System DBPM (Demand-based Power Management) utilizes a BIOS-controlled dynamic frequency manipulation scheme to save power across a variety of utilization levels as part of the Dell Advanced Power Control (DAPC) capability. The power saving features of this option typically are greatest at mid-to-lower processor utilization levels. Maximum Performance is typically selected for performance-centric workloads where it is acceptable to consume additional power to achieve the highest possible performance for the computing environment. This mode drives processor frequency to the maximum across all cores (although idled cores can still be frequency reduced by C-state enforcement through BIOS or OS mechanisms if enabled). This mode also offers the lowest latency of the CPU Power Management Mode options, so is always preferred for latency-sensitive environments. OS DBPM is another performance-per-watt option that relies on the operating system to dynamically control individual core frequency. Both Windows and Linux can take advantage of this mode to reduce frequency of idled or underutilized cores in order to save power. System DBPM (Telco) is avaliable only when Telco Workload Profiles are selected, and which sets Hardware P-States to Native with No Legacy and EPP to disable. Read-only unless System Profile is set to Custom.

Legal Values

- MaxPerf
- SysDbpm
- OsDbpm
- SysDbpmTelco

Default Value None

Write Privilege N/A

License Required N/A

Dependency Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom.

Notes To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcTurboMode

Description Governs the Intel Turbo Boost Technology. This feature allows the processor cores to be automatically clocked up in frequency beyond the advertised processor speed. The amount of increased frequency (or turbo upside) one can expect from a Xeon processor depends on the processor model, thermal limitations of the operating environment, and in some cases power consumption. In general terms, the fewer cores being exercised with work the higher the potential turbo upside. The potential drawbacks for Turbo Boost are mainly centered on increased power consumption and possible frequency jitter than can affect a small minority of latency-sensitive environments. Read-only unless System Profile is set to Custom.

Legal Values

- Enabled
- Disabled

Default Value None

Write Privilege N/A

License Required N/A

Dependency Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Enabled if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), or Performance. Is set to Disabled if the System Profile is set to Dense.

Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcessorApsRocketing

Description	Enable/Disable the rocketing mechanism in the HWP p-state selection pcode algorithm. Rocketing enables the core ratio to jump to max turbo instantaneously as opposed to a smooth ramp up.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcessorC1AutoDemotion

Description	No description information available.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcessorC1AutoUnDemotion

Description	This field when enabled allows the CPU to automatically undemoted from demoted C1 state.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcessorEist

Description	This field enables or disables Processor EIST.

Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcessorGpssTimer

Description	This field allows the reduction of GPSS timer to be set from 0-500us (typical=500us)
Legal Values	• 0us • 50us • 500us
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• This attribute is only configurable through performance profiles. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.ProcessorScalability

Description	Enable/Disable Core Performance to Frequency Scalability Based Optimizations in the CPU.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	To be updated
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.PwrPerfSwitch

Description	Dynamic Load Line Switch control Dynamic Link Library (DLL) is a Power Management feature, which dynamically switches to the performance mode during periods of high CPU utilization. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A

License Required	N/A
Dependency	Only available when System Profile is set to Custom.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.SysProfile

Description	Allows optimizing the system for a specific profile, which presets multiple sub-options, or customizing the individual sub-options. When set to a mode other than Custom, BIOS will set each option accordingly. When set to Custom, you can change setting of each sub-option. Performance Per Watt (DAPC) represents an excellent mix of performance balanced with power consumption reduction. Dell Active Power Control (or DAPC) relies on a BIOS-centric power control mechanism which offers excellent power efficiency advantages with minimal performance impact in most environments, and is the CPU Power Management choice for this overall System Profile. Performance-per-watt (OS), otherwise known as OS Control, is similar to the DAPC profile for all sub-options except for the CPU Power Management. The power management scheme used for this profile is called OS DBPM, which allows the Operating System to manipulate processor frequencies for higher power efficiency. However, the effectiveness of this profile for reducing overall system power consumption is based on how well the Operating System is able to effectively control hardware resources, so the impacts are mixed across all supported Operating Systems Performance profile provides potentially increased performance by maximizing processor frequency and disabling certain power saving features such as C-states. Although not optimal for all environments, this is an excellent starting point for performance optimization baseline comparisons. Dense Configuration enhances reliability features and reduces power consumption at the cost of considerable performance. This profile is targeted for operating environments where enhanced reliability is desired and temperatures may exceed the thresholds encountered in less densely-packed data centers. When set to Dense Configuration mode, Memory Performance is set one speed lower than the Maximum Frequency to improve reliability. Under Custom mode when C states are enabled, Monitor/Mwait must also be enabled.
Legal Values	• PerfPerWattOptimizedOs • PerfPerWattOptimizedDapc • PerfOptimized • Custom • DenseCfgOptimized • PerfOptimizedHwp • PerfWorkStationOptimized
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Value-class systems do not support DAPC option.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.UncoreFrequency

Description	Selects the Processor Uncore Frequency. Dynamic mode allows processor to optimize power resources across the cores and uncore during runtime. The optimization of the uncore frequency to either save power or optimize performance is influenced by the setting of the Energy Efficiency Policy. Set Dynamic Optimized mode for possible power savings minimizing performance loss. Read-only unless System Profile is set to Custom.
Legal Values	• DynamicUFS • MaxUFS • OptimizedUFS

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Dynamic if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), or Dense. Is set to Maximum if the System Profile is set to Performance. Only applicable on Intel-based platforms.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.WorkloadConfiguration

Description	This field controls the energy perfomance BIAS settings to allow BIOS to choose a configuration that improve performance on certain workload.
Legal Values	• Balance • IoSensitive
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	•This attribute is only configurable through performance profiles. •To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.WorkloadProfile

Description	Allows optimization of performance based on the workload type. The WorkloadProfile setting is not a state. Setting a workload profile is a one-time action that in turns modifies various BIOS settings to be optimized for the requested workload type.
Legal Values	• NotConfigured • HpcProfile • LowLatencyOptimizedProfile • VtOptimizedProfile • VtPerWattOptimizedProfile • DbOptimizedProfile • DbPerWattOptimizedProfile • SdsOptimizedProfile • SdsPerWattOptimizedProfile • TelcoOptimizedProfile • NfviFpOptimizedTurboProfile • NfviFpEngBalTP
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This field is not displayed in the Hii GUI. It can only updated using external tools such as RACADM.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.WorkloadProfileHelper

Description	No description information available.
Legal Values	• NotConfigured • HpcProfile • LowLatencyOptimizedProfile • VtOptimizedProfile • VtPerWattOptimizedProfile • DbOptimizedProfile • DbPerWattOptimizedProfile • SdsOptimizedProfile • SdsPerWattOptimizedProfile • TelcoOptimizedProfile
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysProfileSettings.WriteDataCrc

Description	When set to Enabled, DDR4 data bus faults are detected and corrected during write operations. Two additional cycles are required for CRC bit generation which results in performance impact. Read-only unless System Profile is set to Custom.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Has a dependency on the System Profile. Can only be set if the System Profile is set to Custom. Is set to Disabled if the System Profile is set to Performance Per Watt (DAPC), Performance Per Watt (OS), Performance Per Watt (HWPM), Performance, or Dense. This feature is available on Broadwell processors only.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.SysSecurity. EnableTdxSeamldr

Description	Enable TDX SEAM loader.
Legal Values	• EnableTdxSeamldr
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Applicable only to Intel platforms starting from 16G EMR.

Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.AcPwrRcvry

Description	Specifies how the system reacts after AC power has been restored to the system. It is especially useful when systems are turned off with a power strip. When set to Off, the system stays off after AC power is restored. When set to On, the system turns on after AC power is restored. When set to Last, the system turns on if the system was on at the moment when AC power was lost. The system will remain off if the system was turned off when AC power was lost. In case of an ungraceful shutdown, the system always turns on.
Legal Values	• On • Off • Last
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• BIOS.SysSecurity.AcPwrRcvry attribute is not supported in 17G. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.AcPwrRcvryDelay

Description	Allows staggering of power up after AC power is restored to the system. When set to Immediate, there is no delay for power-up. When set to Random, the system creates a random delay for power-up. When set to User Defined, the system delays power-up by that amount. The system supported user defined power-up delay is defined by the User Defined Delay field.
Legal Values	• Immediate • User • Random
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not supported on blades.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.AcPwrRcvryUserDelay

Description	Controls the duration for which the power-on process is delayed after the AC power supply is restored. The value is only effective if AC Power Recovery Delay is set to User Defined. The valid range is between 60s and 240s.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not supported on blades.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.AesNi

Description	Indicates the status of the Intel Processor AES-NI feature. AES-NI improves the speed of applications by performing encryption and decryption using the Advanced Encryption Standard Instruction Set.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.AuthorizeDeviceFirmware

Description	When set to Enabled, this field adds the SHA-256 hash of each third-party device firmware to the Secure Boot Authorized Signature Database. After the hashes are added, the field automatically reverts to Disabled. Note: This field is read-only unless Secure Boot is Enabled and Secure Boot Policy is Custom. This field is available only in secure system management consoles.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as

TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.BiosUpdateControl

Description	When set to Unlocked, all BIOS update will be allowed. When set to Limited, local BIOS updates from DOS or UEFI shell based flash utilities, or from Lifecycle Controller User Interface are prohibited. Limited is recommended for environments that do not require local BIOS updates. These environments include Remote Enablement Update or executing Update Package from the OS.
Legal Values	• Unlocked • Limited • Locked
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.BootmanagerPassword

Description	Bootmanager password option is available only when Setup Password is enabled. If set to Always, setup password must be entered for accessing Boot Manager. If set to Never, setup password need not be entered for accessing Boot Manager, One-shot UEFI Boot Menu.
Legal Values	• Always • Never
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.DfxTdxDisable1MbCmrExclude

Description	Disable TDX excluding CMR below 1MB
Legal Values	• DfxTdxDisable1MbCmrExclude
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Applicable only to Intel platforms starting from 16G EMR

Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.DrtmSkinit

Description	Enable/Disable AMD Dynamic Root of Trust Measurement (DRTM). To enable AMD DRTM, below configurations must be enabled: 1. TPM2.0 must be enabled and the hash algorithm must be set to SHA256. 2. Transparent SME (TSME) must be enabled.
Legal Values	• Off • On
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	[CpuVendor==AMD] [ReadOnlyIf:TransparentSme=Disabled] [ReadOnlyIf:TpmSecurity=Off][ReadOnlyIf:TpmCommand=Clear][ReadOnlyIf:TpmSecurity=OnNoPbm] [ReadOnlyIf:TpmSecurity=OnPbm]

BIOS.SysSecurity.EnableTdx

Description	Enable Intel TDX
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Applicable only to Intel platforms starting from 16G EMR
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.EnableTmeBypass

Description	Allows to bypass the Intel Total Memory Encryption.
Legal Values	• EnableTmeBypass
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

- After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as

TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.GlbMemIntegrity

Description	Enable/Disable Intel Global Memory Integrity.
Legal Values	• GlbMemIntegrity
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This attribute is applicable to INTEL only and 16G SPR onwards.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.InBandManageabilityInterface

Description	When set to Disabled, this setting will hide the Management Engines (ME) HECI devices and the systems IPMI devices from the operating system. This prevents the operating system from changing the ME power capping settings, and blocks access to all in-band management tools. All management must be managed via out-of-band. Note: BIOS update requires HECI devices to be operational and DUP updates require IPMI interface to be operational. This setting needs to be set to Enabled to avoid update errors. Note: ePSA requires the IPMI interface to be functional for certain features. Disabling this setting will also cause ePSA to not be fuly functional.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.InFieldScan

Description	The Intel(R) In-field Scan feature allows software to scan processor cores for latent faults. The scan can be performed in the field after the server is deployed. When this setting is enabled, the BIOS configures all processors to respond to software scan requests. When this setting is disabled, the processors will not respond to software scan requests.
Legal Values	• Enabled • Disabled
Default Value	Disabled

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.IntelSgx

Description	Allows enabling or disabling of the Intel Software Guard Extension (SGX) Technology. When set to Off, BIOS disables the SGX technology. When set to On, BIOS enables the SGX technology. When set to Software, allows application to enable the SGX technology.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Intel only attribute
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.IntelTxt

Description	Allows enabling or disabling of the Intel Trusted Execution Technology (TXT). To enable Intel TXT, Virtualization Technology must be enabled, TPM Security must be set to On with Pre-boot Measurements, and TPM Status must be Enabled, Activated. When using TPM2, the hash algorithm must be set to SHA256.
Legal Values	• On • Off
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.KeySplit

Description	Designate the num of bits for TDX, rest will be used by TME-MK
Legal Values	• KeySplit

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Applicable only to Intel platforms starting from 16G EMR
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.MaxPasswordAge

Description	Controls the maximum amount of time that must pass before the BIOS setup and system passwords expire. Once expired, the BIOS passwords must be changed. You can choose between 0 - 999 days, with a value of 0 disabling the feature. Changes made to this feature become immediately effective.
Legal Values	Integer values.
Default Value	60
Write Privilege	N/A
License Required	N/A
Dependency	This feature is unsupported (hidden) if the password jumper isnt enabled and is read only while Password Rotation is set to Disabled.

BIOS.SysSecurity.MeasureUefiCaScopeSetting

Description	Measure UEFI CA certificate scope setting to TPM PCR[7].
Legal Values	• Yes • No
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Applicable to 17G Intel and AMD as of now.

BIOS.SysSecurity.MemoryEncryption

Description	Allows enabling or disabling of the Intel Total Memory Encryption and Multi-Tenant (Intel TME-MT). When set to Disable, BIOS disables both TME and TME-MT technology. When set to Single Key, BIOS enables the TME technology. When set to Multiple Keys, BIOS enables the TME-MT technology. The TME-MT can be enabled only if Processor Settings -> CPU Physical Address Limit is disabled.
Legal Values	• MEM_ENC_SINGLE_KEY • MEM_ENC_OFF
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Applicable only to Intel, and CPU supported

BIOS.SysSecurity.NewSetupPassword

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.NewSysPassword

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.NmiButton

Description	Allows enabling or disabling of the NMI button on the front panel.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Not supported on blades.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.OldSetupPassword

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.OldSysPassword

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.PasswordHistory

Description	Controls the number of previous passwords to be saved in order to prevent the reusage of previous. You can specify between 0 - 10 passwords, with a value of 0 disabling the feature. Changes made to this feature become immediately effective.
Legal Values	Integer values.
Default Value	4
Write Privilege	N/A
License Required	N/A
Dependency	This feature is unsupported (hidden) if the password jumper isnt enabled and is read only while Password Rotation is set to Disabled.

BIOS.SysSecurity.PasswordRotation

Description	If enabled, the BIOS system and setup passwords will expire after a user specified period of time, and any BIOS passwords that are modified cannot be set to the same password currently set. Once a BIOS password expires, a new password must be set. If disabled, the BIOS system and setup passwords will never expire. Changes made by enabling or disabling this feature become immediately effective.

Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	This feature is unsupported (hidden) if the password jumper isnt enabled.

BIOS.SysSecurity.PasswordStatus

Description	When set to Unlocked the system password can be changed without entering the setup password. This allows an administrator to maintain a setup password to protect against unauthorized BIOS Setup changes, while a user can freely change the system password. When set to Locked, the setup password must be entered to change the system password. To prevent the system password from being modified without providing the setup password, set this option to Locked and enable the setup password.
Legal Values	• Locked • Unlocked
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.PwrButton

Description	Allows enabling or disabling of the power button on the front panel.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SHA256SetupPassword

Description	SHA256 hash of the setup password.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SHA256SetupPasswordSalt

Description	Salt for hash of the setup password.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SHA256SystemPassword

Description	SHA256 hash of the system password.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SHA256SystemPasswordSalt

Description	Salt for hash of the system password.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A

Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SecureBoot

Description	Allows enabling of Secure Boot, where the BIOS authenticates each component that is executed during the boot process using the certificates in the Secure Boot Policy. The following components are validated in the boot process: - UEFI drivers that are loaded from PCIe cards - UEFI drivers and executables from mass storage devices - Operating system boot loaders Note: Secure Boot is not available unless the Boot Mode (in the Boot Settings menu) is set to UEFI. Note: Secure Boot is not available unless the Load Legacy Video Option ROM setting (in the Miscellaneous Settings menu) is disabled. Note: You should create a setup password if you enable Secure Boot.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	N/A
Dependency	When the value of SecureBootMode is DeployedMode AND the value of SecureBoot is Enabled, BIOS will append a ProgReadOnlyLocal modifier to SecureBoot, SecureBootPolicy, and SecureBootMode. This means that inband system management tools will not allow users to change these attributes when these conditions are true.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SecureBootMode

Description	This field configures how the BIOS uses the Secure Boot Policy Objects (PK, KEK, db, dbx). In Setup Mode and Audit Mode, PK is not present, and BIOS does not authenticate programmatic updates to the policy objects. In User Mode and Deployed Mode, PK is present, and BIOS performs signature verification on programmatic attempts to update policy objects. Deployed Mode is the most secure mode. Use Setup, Audit, or User Mode when provisioning the system, then use Deployed Mode for normal operation. Available mode transitions depend on the current mode and PK presence. Refer to Figure 77 in the UEFI 2.6 specification for more information on transitions between the four modes. In Audit Mode, the BIOS performs signature verification on pre-boot images and logs results in the Image Execution Information Table, but executes the images whether they pass or fail verification. Audit Mode is useful for programmatically determining a working set of policy objects.
Legal Values	• SetupMode • UserMode • AuditMode • DeployedMode
Default Value	DeployedMode
Write Privilege	N/A
License Required	N/A

Dependency	When the value of SecureBootMode is DeployedMode AND the value of SecureBoot is Enabled, BIOS will append a ProgReadOnlyLocal modifier to SecureBoot, SecureBootPolicy, and SecureBootMode. This means that inband system management tools will not allow users to change these attributes when these conditions are true. This attribute is always read-write in BIOS Setup and in out-of-band system management tools.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SecureBootPolicy

Description	Allows selecting the Secure Boot Policy. When set to Standard, the BIOS uses the key and certificates from the system manufacturer to authenticate pre-boot images. When set to Linux(R) Boot, VMware(R) Boot, or Microsoft(R) Boot, the Secure Boot Policy includes only certificates necessary for the corresponding operating system. When set to Custom, the BIOS uses the user-customized key and certificates. Note: If Custom mode is selected, the Secure Boot Custom Policy Settings menu is displayed. Note: Changing the default security certificates may cause the system to fail booting from certain boot options.
Legal Values	• Standard • Custom • LinuxBoot • VmwareBoot • MicrosoftBoot
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	When the value of SecureBootMode is DeployedMode AND the value of SecureBoot is Enabled, BIOS will append a ProgReadOnlyLocal modifier to SecureBoot, SecureBootPolicy, and SecureBootMode. This means that inband system management tools will not allow users to change these attributes when these conditions are true.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SetupPassword

Description	The setup password is the password that must be entered to change any BIOS settings. However, the system password can be changed without entering the correct setup password if Password Status is set to Unlocked. The password is read-only if the password jumper (PWRD_EN) is not installed in the system.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

- After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as

TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SetupPwdExpirationDate

Description	Indicates the date in which the BIOS setup password expires. Once expired, the user will be forced to change the password before being able to enter the BIOS Setup Menu. If no setup password is set or max password age is set to 0, there will be no password expiration date.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This feature is unsupported (hidden) if the password jumper isnt enabled and if Password Rotation is set to Disabled. The feature will be read only while Max Password Age is set to 0.

BIOS.SysSecurity.SignedFirmwareUpdate

Description	When set to Enabled, this option supports the signed BIOS update feature. Warning! Once enabled, this option cannot be disabled. Note: When change the item from disabled to enabled, there will pup-up a Warning message: WARNING: This option enables the signed BIOS update feature. Once enabled, the BIOS will no longer support rollbacks to an unsigned image.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SmmSecurityMitigation

Description	This option enables or disables additional UEFI SMM Security Mitigation protections. This option is available only in UEFI boot mode. The operating system can use this feature to help protect the secure environment created by virtualization based security. Enabling this feature provides additional UEFI SMM Security Mitigation protections. However, this feature may cause compatibility issues or loss of functionality with some legacy tools or applications.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available on [Intel 15g], [>= Intel 16G & AMD 16G platforms] "Disabled If(BootMode=Bios)" "Suppress If(BootMode=Bios)"

Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.StrongPassword

Description	If enabled, you must set up a password that has at least one character in lowercase, uppercase, digit, and a special character. Also, you have the option to set the minimum number of characters in both the new passwords. If disabled, you can set a password that has any character in it but the passwords must not have more than 32 characters. Changes made by enabling or disabling this feature become immediately effective.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available on (15G-Yeti) XR12 and all 16G+ platforms
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.StrongPasswordMinLength

Description	Controls the minimum number of characters used when setting a system or setup password. You can specify 8-32 characters.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Only available on (15G-Yeti) XR12 and all 16G platforms
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SysPassword

Description	The system password is the password that must be entered to allow the system to boot to an operating system. The password is read-only if the password jumper (PWRD_EN) is not installed in the system.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.SystemPwdExpirationDate

Description	Indicates the date in which the BIOS system password expires. Once expired, the user will be forced to change the password before the system can boot. If no system password is set or max password age is set to 0, there will be no password expiration date.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	This feature is unsupported (hidden) if the password jumper isnt enabled and if Password Rotation is set to Disabled. The feature will be read only while Max Password Age is set to 0.

BIOS.SysSecurity.TcmActivation

Description	Indicates the operational state of the Trusted Cryptography Module (TCM). When set to Activate, the TCM will be enabled and activated. When set to Deactivate, the TCM will be disabled and deactivated. When set to No Change, the operational state of the TCM remains unaltered. This field is read-only when TCM Security is set to Off.
Legal Values	• NoChange • Activate • Deactivate
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TcmClear

Description	WARNING: Clearing the Trusted Cryptography Module (TCM) will clear all keys in the TCM. This could affect booting to the Operating System (OS). When set to Yes, all the contents of the TCM will be cleared. This field is Read-Only when TCM Security is set to Off.
Legal Values	• Yes • No

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TcmSecurity

Description	Controls the reporting of the Trusted Cryptography Module (TCM) in the system. When set to Off, presence of the TCM is not reported to the Operating System (OS). When set to On, presence of the TCM is reported to the OS.
Legal Values	• Off • On
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.Tpm2Hierarchy

Description	Allows enabling, disabling, or clearing the storage and endorsement hierarchies. When set to Enabled, the storage and endorsement hierarchies can be used. When set to Disabled, the storage and endorsement hierarchies cannot be used. When set to Clear, the storage and endorsement hierarchies are cleared of any values, and then reset to Enabled.
Legal Values	• Enabled • Disabled • Clear
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	Requires TPM2 hardware to be installed and TPM Security set to On.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmActivation

Description	This field allows changing the operational state of the Trusted Platform Module (TPM). When set to Activate, the TPM will be enabled and activated. When set to Deactivate, the TPM will be disabled and deactivated. When set to No Change, the operational state of the TPM remains unaltered. This field is Read-Only when TPM Security is set to Off.
Legal Values	• NoChange • Activate • Deactivate
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmClear

Description	WARNING: Clearing the Trusted Platform Module (TPM) will cause loss of all keys in the TPM. This could affect booting to the Operating System (OS). When set to Yes, all the contents of the TPM will be cleared. This field is read-only when TPM Security is set to Off.
Legal Values	• Yes • No
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmCommand

Description	Controls the Trusted Platform Module (TPM). When set to None, no command is sent to the TPM. When set to Activate, the TPM will be enabled and activated. When set to Deactivate, the TPM will be disabled and deactivated. When set to Clear, all the contents of the TPM will be cleared. WARNING: Clearing the TPM will result in losing all keys in the TPM. This could affect booting to the OS. This field is read-only when TPM Security is set to Off. The action requires an additional reboot before it can take effect.
Legal Values	• None • Activate • Deactivate • Clear
Default Value	None

Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmFirmware

Description	Indicates the firmware version of the Trusted Platform Module (TPM).
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmInfo

Description	Indicates the type of Trusted Platform Module, if present.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmSecurity

Description	Controls the reporting of the Trusted Platform Module (TPM) in the system. When set to Off, presence of the TPM is not reported to the Operating System (OS). When set to On with Pre-boot Measurements, BIOS will store Trusted Computing Group (TCG) compliant measurements to the TPM during POST. When set to On without Pre-boot Measurements, BIOS will bypass most pre-boot measurements. When set to On, presence of the TPM is reported to the OS and available for use.
Legal Values	• Off • OnPbm

- OnNoPbm
- On

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	TPM 1.2 hardware - Off, OnPbm, OnNoPbm TPM 2.0 hardware - Off, On
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.TpmStatus

Description	Displays the current status of the Trusted Platform Module (TPM), and is applicable only for TPM 1.2. If the TPM is not present or TPM Security is set to Off, the value is set to Unknown.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.UefiCaCertScope

Description	This field specifies how Secure Boot uses the UEFI CA certificate in the Authorized Signature Database (db). When this field is set to Device Firmware and OS, Secure Boot will apply the UEFI CA certificate to all images, including device firmware, operating system loaders, and UEFI applications. When this field is set to Device Firmware, Secure Boot will apply the UEFI CA certificate only to device boot firmware, such as UEFI drivers for RAID or NIC devices. In this case, operating system loaders and UEFI applications will not execute if they are signed only by the UEFI CA key, even though the UEFI CA certificate is in db. This field is configurable only when the Secure Boot Policy is Custom. Otherwise, the value of this field is selected automatically based on the Secure Boot Policy setting.
Legal Values	• DeviceFirmwareAndOs • DeviceFirmware
Default Value	DeviceFirmwareAndOs
Write Privilege	N/A
License Required	N/A
Dependency	Read-only if SecureBootPolicy is not Custom.
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.SysSecurity.UefiVariableAccess

Description	Provides varying degrees of securing UEFI variables. When set to Standard, UEFI variables are accessible and can be modified in the Operating System (OS) per the UEFI specification. When set to Controlled, select UEFI variables are protected and cannot be modified in an OS environment. New UEFI boot entries are forced to be at the end of the current boot order.
Legal Values	• Standard • Controlled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list. • After modifying the IntelTxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

BIOS.TpmAdvancedSettings.Tpm2Algorithm

Description	Allows the user to change the cryptographic algorithms used in the Trusted Platform Module (TPM). The available options are dependent on the TPM firmware. To enable TPM2 Algorithm Selection, Intel(R) TXT technology must be disabled.
Legal Values	• SHA1 • SHA256 • SHA384 • SHA512 • SM3
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	To enable TPM2 Algorithm Selection, Intel(R) TXT technology must be disabled.
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.TpmAdvancedSettings.TpmPpiBypassClear

Description	When set to Enabled, allows the Operating System to bypass Physical Presence Interface (PPI) prompts when issuing PPI Advanced Configuration and Power Interface (ACPI) clear operations.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.TpmAdvancedSettings.TpmPpiBypassProvision

Description	When set to Enabled, allows the Operating System to bypass Physical Presence Interface (PPI) prompts when issuing PPI Advanced Configuration and Power Interface (ACPI) provisioning operations.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeq

Description	This field controls the UEFI boot order. The first option in the list will be attempted first, and if unsuccessful, the second option will be attempted and so on. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	• FQDD level options are available for configuring the boot sequence. Multiple UEFI boot options using the same hardware display the same FQDD device for each option. • To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis1

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis10

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis11

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis12

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis13

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis14

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis15

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis16

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis17

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis18

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis19

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis2

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis20

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis3

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis4

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis5

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis6

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis7

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis8

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.

Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiBootSeqEnDis9

Description	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is UEFI; it has no effect when Boot Mode is BIOS.
Legal Values	No information available.
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

BIOS.UefiBootSettings.UefiPxeIpVersion

Description	This field enables you to select IPv4 PXE booting (default) or IPv6 PXE booting when in UEFI Boot Mode. This field is disabled in BIOS Boot Mode. Changing this field will cause the PXE options in the UEFI Boot Sequence to be replaced on the next reboot.
Legal Values	• IPv4 • IPv6
Default Value	None
Write Privilege	N/A
License Required	N/A
Dependency	None
Notes	To check if a BIOS attribute is Read Only or Read and Write, perform GET on URI redfish/v1/Systems/System.Embedded.1/Bios/BiosRegistry and find the attribute in the Attributes list.

3

FC Attributes

FC.FCDevice.BusDeviceFunction (Read Only)

Description	Indicates the PCI Address of the Physical Function assigned to the port.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCDevice.ChipMdl (Read Only)

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCDevice.EFIVersion (Read Only)

Description	No description information available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCDevice.FamilyVersion (Read Only)

Description	No description information available.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCDevice.PCIDeviceID (Read Only)

Description	No description information available.
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCTarget.BootScanSelection (Read or Write)

Description	Specifies the adapter initiator behavior for booting the system from specified Fibre Channel boot target(s) or fabric discovered target(s)
Legal Values	• Disabled • Specified LUN • First LUN • First LUN 0 • First NOT LUN 0 • Fabric Discovered
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCTarget.FirstFCTargetLUN (Read or Write)

Description	Specifies the LUN (Logical Unit Number) of the first Fibre Channel boot target
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCTarget.FirstFCTargetWWPN (Read or Write)

Description	Specifies the World Wide Port Name of the first Fibre Channel boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCTarget.SecondFCTargetLUN (Read or Write)

Description	Specifies the LUN (Logical Unit Number) of the second Fibre Channel boot target
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.FCTarget.SecondFCTargetWWPN (Read or Write)

Description	Specifies the World Wide Port Name of the second Fibre Channel boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.EighthNVMeTargetNQN (Read or Write)

Description	Specify the eighth targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.EighthNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the eighth NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.EighthNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the eighth NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.EighthNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the eighth NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.EighthNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the eighth NVMe Target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.EighthNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the eighth NVMe boot target to access.[VENDOR: specify format of value]
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.EnableNVMeBoot (Read or Write)

Description	Specifies the ports behavior for booting the system from specified NVMe boot target(s)
Legal Values	• Disabled • Enabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FCTape (Read or Write)

Description	Specifies the state of Fibre Channel Tape support
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.FabricLoginRetryCount (Read or Write)

Description	Specifies the number of times the initiator will attempt to login to devices on the Storage Area Network
Legal Values	Integer values.
Default Value	3
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.FabricLoginTimeout (Read or Write)

Description	Specifies the time in milliseconds that the initiator waits before it tries to login to the Fibre Channel Storage Area Network Fabric again
Legal Values	Integer values from 1 to 255000.
Default Value	3000
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.FifthNVMeTargetNQN (Read or Write)

Description	Specify the fifth targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FifthNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the fifth NVMe boot target

Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FifthNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the fifth NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FifthNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the fifth NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FifthNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the fifth NVMe Target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FifthNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the fifth NVMe boot target to access.[VENDOR: specify format of value]
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	Not Applicable
Dependency	None

FC.HBAConfig.FirstNVMeTargetNQN (Read or Write)

Description	Specify the first targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FirstNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the first NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FirstNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the first NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FirstNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the first NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FirstNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the first NVME target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FirstNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the first NVMe boot target to access.[VENDOR: specify format of value]
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FourthNVMeTargetNQN (Read or Write)

Description	Specify the fourth targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FourthNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the fourth NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FourthNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the fourth NVMe boot target
Legal Values	String of up to 23 ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FourthNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the fourth NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FourthNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the fourth NVMe Target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FourthNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the fourth NVMe boot target to access.[VENDOR: specify format of value]
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.FramePayloadSize (Read or Write)

Description	Specifies the maximum Fibre Channel frame payload size in bytes
Legal Values	• Auto • 512 • 1024 • 2048 • 2112
Default Value	Auto

Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.HardZone (Read or Write)

Description	Specifies the state of Fibre Channel hard zoning
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.HardZoneAddress (Read or Write)

Description	Specifies the Hard Zone address to be used if Fibre Channel hard zoning is enabled
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.LinkDownTimeout (Read or Write)

Description	Specifies the number of milliseconds the Fibre Channel uplink port can be offline before the system is notified that the SAN fabric connectivity is lost and the uplink port is marked as being down
Legal Values	Integer values from 1 to 255000.
Default Value	3000
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.LoopResetDelay (Read or Write)

Description	Specifies the Fibre Channel Arbitrated Loop Reset Delay for the port. After resetting the loop, the adapter firmware refrains from initiating any loop activity for the number of seconds specified in this setting
Legal Values	Integer values from 0 to 60.
Default Value	5
Write Privilege	N/A
License Required	Express License

Dependency	None

FC.HBAConfig.PortDownRetryCount (Read or Write)

Description	Specifies the number of times the Fibre Channel uplink port will try reconnecting to a target port before the port is marked as being down
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.PortDownTimeout (Read or Write)

Description	Specifies the timeout in milliseconds that the Fibre Channel uplink port will wait before trying to reconnect to a target device port before the port is marked as down
Legal Values	Integer values from 1 to 255000.
Default Value	3000
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.PortLoginRetryCount (Read or Write)

Description	Specifies the number of times the adapter firmware initiator will try logging into a target device port
Legal Values	Integer values.
Default Value	3
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.PortLoginTimeout (Read or Write)

Description	Specifies the timeout in milliseconds that the initiator uses when attempting to login to the target device port
Legal Values	Integer values from 1 to 255000.
Default Value	3000
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.HBAConfig.SecondNVMeTargetNQN (Read or Write)

Description	Specify the second targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SecondNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the second NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SecondNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the second NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SecondNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the second NVMe boot target. [VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SecondNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the second NVMe Target is attempted
Legal Values	• Enabled • Disabled

Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SecondNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the second NVMe boot target to access
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SeventhNVMeTargetNQN (Read or Write)

Description	Specify the seventh targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SeventhNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the seventh NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SeventhNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the seventh NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	Not Applicable
Dependency	None

FC.HBAConfig.SeventhNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the seventh NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SeventhNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the seventh NVMe Target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SeventhNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the seventh NVMe boot target to access.[VENDOR: specify format of value]
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SixthNVMeTargetNQN (Read or Write)

Description	Specify the sixth targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SixthNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the sixth NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SixthNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the sixth NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SixthNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the sixth NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SixthNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the sixth NVMe Target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.SixthNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the sixth NVMe boot target to access.[VENDOR: specify format of value]

Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.ThirdNVMeTargetNQN (Read or Write)

Description	Specify the third targets NVMe Qualified Name
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.ThirdNVMeTargetWWNN (Read or Write)

Description	Specify the World Wide Node Name of the third NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.ThirdNVMeTargetWWPN (Read or Write)

Description	Specify the World Wide Port Name of the third NVMe boot target
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.ThirdNVMeTgtCntlrID (Read or Write)

Description	Specify the Controller ID of the third NVMe boot target.[VENDOR: specify format of value]
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.ThirdNVMeTgtConn (Read or Write)

Description	Setting to enable whether connection to the third NVMe Target is attempted
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.HBAConfig.ThirdNVMeTgtNSID (Read or Write)

Description	Specify the Namespace ID of the third NVMe boot target to access.[VENDOR: specify format of value]
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

FC.PortConfig.DeviceName (Read Only)

Description	Product name of the Fibre Channel Host Bus Adapter.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.PortConfig.PortNumber (Read Only)

Description	The Fibre Channel Host Bus Adapter port number as labeled externally on the adapter.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.PortConfig.PortSpeed (Read or Write)

Description	Specifies the data rate of the Fibre Channel Host Bus Adapter port. Value can be Automatic or specified in Gbps.

Legal Values	• Auto • 1 Gbps • 2 Gbps • 4 Gbps • 8 Gbps • 16 Gbps • 32 Gbps
Default Value	Auto
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.PortConfig.VirtualWWN (Read or Write)

Description	Virtual Fibre Channel World Wide Node Name is used instead of the permanent World Wide Node Name when its value is different
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.PortConfig.VirtualWWPN (Read or Write)

Description	Virtual Fibre Channel World Wide Port Name of the port is used instead of the permanent World Wide Port Name when its value is different
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.PortConfig.WWN (Read Only)

Description	Permanent Fibre Channel World Wide Node Name assigned during manufacturing.
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

FC.PortConfig.WWPN (Read Only)

Description	Permanent Fibre Channel World Wide Port Name assigned to the port during manufacturing
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

4

IDRAC Attributes

iDRAC.8021XSecurity.ClientCertificateType (Read or Write)

Display Name	Client Certificate Type
Description	Client Certificate Type
Legal Values	• DefaultIDEVID - 0 • SigningLDEVID - 1 • CustomLDEVID - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.8021XSecurity.MacSecActive (Read Only)

Display Name	MACSec Session Active
Description	MACSec Session Active
Legal Values	• No - 0 • Yes - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.8021XSecurity.MacSecCapable (Read or Write)

Display Name	MACSec Capable
Description	MACSec Capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No

iDRAC.8021XSecurity.Use8021XSecurity (Read or Write)

Display Name	Use802.1X Security
Description	Use 802.1X Security
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	Yes

iDRAC.8021XSecurity.ValidateAuthenticationServerCertificate (Read or Write)

Display Name	Validate Authentication Server Certificate
Description	Validate Authentication Server Certificate
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.ACME.CA-URL (Read or Write)

Display Name	CA URL
Description	Specifies the URL of the Certificate Authority.
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.ACME.Enable (Read or Write)

Display Name	Enable
Description	Enables or disables Automated Certificate Management Environment.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.ACME.EnrollmentAction (Read or Write)

Display Name	Enrollment Action
Description	Enrollment Actions
Legal Values	• Halt - 0 • Monitor - 1 • Enroll - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.ACME.EnrollmentStatus (Read Only)

Display Name	Enrollment Status
Description	Provides the enrollment status.
Legal Values	• None - 0 • Enrolling - 1 • Enrolled - 2 • Error - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.ADGroup.Domain (Read or Write)

Display Name	AD Group Domain
Description	Active Directory Domain in which the Role Group resides.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ADGroup.Name (Read or Write)

Display Name	AD Role Group Name
Description	Name of the Role Group as recorded in the Active Directory forest.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ADGroup.Privilege (Read or Write)

Display Name	AD Group Privilege
Description	Role-based authority privileges for a Role Group
Legal Values	Integer values from 0 to 511.
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ASRConfig.Enable (Read or Write)

Display Name	Enable
Description	Status of ASR Config
Legal Values	• Disabled - 0 • Enabled - 1

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveBezelFilter.FilterCheckIntervalDay (Read or Write)

Display Name	Filter Check Interval Day
Description	Active mode starting day. This is applicable to XR-series platforms only.
Legal Values	• Sunday - 0 • Monday - 1 • Tuesday - 2 • Wednesday - 3 • Thursday - 4 • Friday - 5 • Saturday - 6
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveBezelFilter.FilterCheckIntervalTimeHour (Read or Write)

Display Name	Filter Check Interval Time Hour
Description	Active mode starting Hour. This is applicable to XR-series platforms only.
Legal Values	Integer values from 0 to 23.
Default Value	3
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveBezelFilter.FilterMode (Read or Write)

Display Name	Filter Mode
Description	Air Filter Monitoring Modes. This is applicable to XR-series platforms only.

Legal Values	• CountDownMode - 0 • ActiveSensingMode - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.ActiveDirectory.AuthTimeout (Read or Write)

Display Name	Active Directory Authentication Timeout
Description	Specifies the number of seconds to wait for Active Directory authentication requests to complete before timing out.
Legal Values	Integer values from 15 to 300.
Default Value	120
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.CertValidationEnable (Read or Write)

Display Name	Certificate Validation Enable
Description	Enables or disables Active Directory certificate validation as a part of the Active Directory configuration process.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.Connection (Read or Write)

Display Name	Active Directory Connection
Description	Selects Active Directory connection protocol
Legal Values	• StartTLS - 0 • LDAPS - 1

Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.DCLookupByUserDomain (Read or Write)

Display Name	Domain Controller Lookup By User Domain
Description	Chooses the way the user domain is looked up for Active Directory.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	Cannot be Disabled unless DC Lookup Domain Name is set
Is Platform Dependent	No

iDRAC.ActiveDirectory.DCLookupDomainName (Read or Write)

Display Name	Active Directory Lookup Domain Name
Description	This is the configured search domain to use when DCLookupByUserDomain is disabled
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.DCLookupEnable (Read or Write)

Display Name	Domain Controller Lookup Enable
Description	Configures iDRAC to use pre-configured domain controllers or to use DNS to find the domain controller.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0

Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.DomainController1 (Read or Write)

Display Name	Domain Controller 1
Description	Specifies the LDAP server from which you want the iDRAC to obtain user names
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.DomainController2 (Read or Write)

Display Name	Domain Controller 2
Description	Specifies the LDAP server from which you want the iDRAC to obtain user names
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.DomainController3 (Read or Write)

Display Name	Domain Controller 3
Description	Specifies the LDAP server from which you want the iDRAC to obtain user names
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.Enable (Read or Write)

Display Name	Active Directory Enable
Description	Enables or disables Active Directory user authentication on iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.GCLookupEnable (Read or Write)

Display Name	Global Catalog Server Lookup Enable
Description	Determines how the global catalog server is looked up.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.GCRootDomain (Read or Write)

Display Name	Active Directory Root Domain
Description	The name of the Active Directory root domain used for DNS look up, to locate Global Catalog servers.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.GlobalCatalog1 (Read or Write)

Display Name	Global Catalog 1
Description	Specifies the Global Catalog server from which you want the iDRAC to obtain user names.

Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.GlobalCatalog2 (Read or Write)

Display Name	Global Catalog 2
Description	Specifies the Global Catalog server from which you want the iDRAC to obtain user names.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.GlobalCatalog3 (Read or Write)

Display Name	Global Catalog 3
Description	Specifies the Global Catalog server from which you want the iDRAC to obtain user names.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.RSASecurID2FAAD (Read or Write)

Display Name	RSA SecurID 2FA AD
Description	Enables or disables RSA SecurID 2 Factor Authentication for AD users.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Datacenter License
Dependency	Microsoft Active Directory must be Enabled prior to setting to Enabled.

Is Platform Dependent	No

iDRAC.ActiveDirectory.RacDomain (Read or Write)

Display Name	Active Directory RAC Domain
Description	Active Directory Domain in which iDRAC resides.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.RacName (Read or Write)

Display Name	Active Directory RAC Name
Description	Name of iDRAC as recorded in the Active Directory forest.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.ActiveDirectory.SSOEnable (Read or Write)

Display Name	SSO Enable
Description	Enables or disables Active Directory single sign-on authentication on iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	Cannot be Enabled unless SmartCard Logon Enable is Disabled
Is Platform Dependent	No

iDRAC.ActiveDirectory.Schema (Read or Write)

Display Name	Active Directory Schema Type

Description	Determines the schema type to use with Active Directory.
Legal Values	• Extended Schema - 1 • Standard Schema - 2
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.AutoOSLockGroup.AutoOSLockState (Read or Write)

Display Name	Auto OS Lock State
Description	Enable Auto OS Lock State
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Autodiscovery.EnableIPChangeAnnounce (Read or Write)

Display Name	Enable IP Change Announce
Description	Enable Auto Discovery to allow 1:many consoles to discover iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Autodiscovery.EnableIPChangeAnnounceFromDHCP (Read or Write)

Display Name	Enable IP Change Announce from DHCP

Description	Enable iDRAC to obtain list of consoles through DHCP.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Autodiscovery.EnableIPChangeAnnounceFromUnicastDNS (Read or Write)

Display Name	Enable IP Change Announce Unicast DNS
Description	Enable iDRAC to obtain list of consoles through unicast DNS.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Autodiscovery.EnableIPChangeAnnounceFrommDNS (Read or Write)

Display Name	Enable IP Change Announce From mDNS
Description	Enable iDRAC to obtain list of consoles through mDNS
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Autodiscovery.SendTestAnnouncement (Read or Write)

Display Name	Send Test Announcement

Description	Send an IP Change announcement for debugging purposes
Legal Values	• Disabled - 0 • SendOnce - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Autodiscovery.UnsolicitedIPChangeAnnounceRate (Read or Write)

Display Name	Unsolicited IP Change Announce Rate
Description	Rate of periodic refresh of IP address to consoles
Legal Values	• Disabled - 0 • 1 hour - 1 • 6 hours - 2 • 12 hours - 3 • 1 day - 4 • 3 days - 5 • 1 week - 6 • 2 weeks - 7 • 4 weeks - 8 • 6 weeks - 9
Default Value	4
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CertificateManagement.ExpiryNotificationFrequency (Read Only)

Display Name	Expiry Notification Frequency
Description	Expiry Notification Frequency in Days
Legal Values	Integer values from 1 to 7.
Default Value	7
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CertificateManagement.ExpiryNotificationInterval (Read Only)

Display Name	Expiry Notification Interval in Days
Description	Expiry Notification Interval in Days
Legal Values	Integer values from 1 to 100.
Default Value	30
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CertificateManagement.ExpiryNotificationSupport (Read or Write)

Display Name	Expiry Notification Support
Description	Certificate Expiry Notification Support
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.Address (Read Only)

Display Name	IPv4 Address
Description	The current IPv4 address assigned to the iDRAC
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.DHCPEnable (Read Only)

Display Name	IPv4 DHCP Enable
Description	Specifies if DHCP is used to assign the iDRAC IPv4 address
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.DNS1 (Read Only)

Display Name	DNS Server 1
Description	IPv4 address for DNS server 1
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.DNS2 (Read Only)

Display Name	DNS Server 2
Description	IPv4 address for DNS Server 2
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.DNS3 (Read Only)

Display Name	DNS Server 3
Description	IPv4 address for DNS Server 3
Legal Values	String of up to 16 ASCII characters.

Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.DNSFromDHCP (Read Only)

Display Name	DNS Servers From DHCP
Description	Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.DupAddrDetected (Read Only)

Display Name	IPv4 Address
Description	The current IPv4 address assigned to the iDRAC
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.Enable (Read Only)

Display Name	IPv4 Enable
Description	Enables or Disables the iDRAC IPv4 stack
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.CurrentIPv4.Gateway (Read Only)

Display Name	Gateway
Description	The gateway for the iDRAC IPv4 address
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv4.Netmask (Read Only)

Display Name	Net Mask
Description	The subnet mask used for the iDRAC IPv4 address
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address1 (Read Only)

Display Name	IPV6 Address 1
Description	iDRAC IPv6 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address10 (Read Only)

Display Name	IPV6 Address 10

Description	iDRAC IPv6 tenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address11 (Read Only)

Display Name	IPV6 Address 11
Description	iDRAC IPv6 eleventh address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address12 (Read Only)

Display Name	IPV6 Address 12
Description	iDRAC IPv6 twelfth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address13 (Read Only)

Display Name	IPV6 Address 13
Description	iDRAC IPv6 thirteenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.CurrentIPv6.Address14 (Read Only)

Display Name	IPV6 Address 14
Description	iDRAC IPv6 fourteenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address15 (Read Only)

Display Name	IPV6 Address 15
Description	iDRAC IPv6 fifteenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address2 (Read Only)

Display Name	IPV6 Address 2
Description	iDRAC IPv6 second address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address3 (Read Only)

Display Name	IPV6 Address 3

Description	iDRAC IPv6 third address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address4 (Read Only)

Display Name	IPV6 Address 4
Description	iDRAC IPv6 fourth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address5 (Read Only)

Display Name	IPV6 Address 5
Description	iDRAC IPv6 fifth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address6 (Read Only)

Display Name	IPV6 Address 6
Description	iDRAC IPv6 sixth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.CurrentIPv6.Address7 (Read Only)

Display Name	IPV6 Address 7
Description	iDRAC IPv6 seventh address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address8 (Read Only)

Display Name	IPV6 Address 8
Description	iDRAC IPv6 eighth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Address9 (Read Only)

Display Name	IPV6 Address 9
Description	iDRAC IPv6 ninth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.AddressGenerationMode (Read Only)

Display Name	IPv6 Address Generation Mode

Description	IPv6 Address Generation Mode
Legal Values	• StablePrivacy - 0 • EUI64 - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.AutoConfig (Read Only)

Display Name	IPV6 Auto Config
Description	Enables or Disables the iDRAC IPv6 auto configuration option
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.DHCPv6Address (Read Only)

Display Name	DHCPv6 Address
Description	Specifies the iDRAC DHCPv6 Address.
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.DNS1 (Read Only)

Display Name	IPV6 DNS Server1
Description	IPv6 DNS Server 1 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.DNS2 (Read Only)

Display Name	IPV6 DNS Server2
Description	IPv6 DNS Server 2 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.DNS3 (Read Only)

Display Name	IPV6 DNS Server3
Description	IPv6 DNS Server 3 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.DNSFromDHCP6 (Read Only)

Display Name	DNS Server From DHCP6
Description	Specifies if the DNS Server addresses are obtained from DHCP or not
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.DUID (Read Only)

Display Name	IPv6 DUID
Description	DHCP Unique Identifier
Legal Values	String of up to 144 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Enable (Read Only)

Display Name	IPV6 Enable
Description	Enables or Disables iDRAC IPv6 stack
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.Gateway (Read Only)

Display Name	IPV6 Gateway
Description	iDRAC IPv6 Gateway
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.IPV6NumOfExtAddress (Read Only)

Display Name	Total Number of Extended IP
Description	Total number of extended IP
Legal Values	Integer values from 0 to 255.

Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.LinkLocalAddress (Read Only)

Display Name	IPV6 Link Local Address
Description	iDRAC IPv6 Link Local Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentIPv6.PrefixLength (Read Only)

Display Name	IPV6 Link Local Prefix Length
Description	Prefix length for the iDRAC IPv6 Address
Legal Values	Integer values from 1 to 128.
Default Value	64
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.ActiveNIC (Read Only)

Display Name	Active NIC
Description	Currently Active iDRAC network interface
Legal Values	• None - 0 • Dedicated - 1 • LOM1 - 2 • LOM2 - 3 • LOM3 - 4 • LOM4 - 5 • LOM5 - 6 • LOM6 - 7 • LOM7 - 8

- LOM8 - 9
- LOM9 - 10
- LOM10 - 11
- LOM11 - 12
- LOM12 - 13
- LOM13 - 14
- LOM14 - 15
- LOM15 - 16
- LOM16 - 17

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.ActiveSharedLOM (Read Only)

Display Name	Active Shared LOM
Description	Currently Active iDRAC shared network interface
Legal Values	• None - 0 • LOM1 - 1 • LOM2 - 2 • LOM3 - 3 • LOM4 - 4 • LOM5 - 5 • LOM6 - 6 • LOM7 - 7 • LOM8 - 8 • LOM9 - 9 • LOM10 - 10 • LOM11 - 11 • LOM12 - 12 • LOM13 - 13 • LOM14 - 14 • LOM15 - 15 • LOM16 - 16
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.AutoDetect (Read Only)

Display Name	Auto NIC Enable
Description	Enable or disable auto detection feature of iDRAC

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.Autoneg (Read Only)

Display Name	NIC Auto Negotiation
Description	Enables autonegotiation of physical link speed and duplex
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.CurrentNIC.DNSDomainFromDHCP (Read Only)

Display Name	DNS Domain From DHCP
Description	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.DNSDomainName (Read Only)

Display Name	DNS Domain Name
Description	The DNS Domain Name
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.DNSRacName (Read Only)

Display Name	DNS RAC Name
Description	The iDRAC name, which is iDRAC-<SVCTAG> by default
Legal Values	String of up to 63 ASCII characters.
Default Value	idrac-SVCTAG
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.DNSRegister (Read Only)

Display Name	DNS Register RAC
Description	Registers the iDRAC name with the DNS server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.DedicatedNICScanTime (Read Only)

Display Name	Shared to Dedicated Failover Timeout
Description	Shared to Dedicated Failover Timeout
Legal Values	Integer values from 5 to 255.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.Duplex (Read Only)

Display Name	NIC Duplex
Description	Specifies the duplex setting for the iDRAC NIC
Legal Values	• Half - 0 • Full - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.CurrentNIC.Enable (Read Only)

Display Name	NIC Enable
Description	Enables or Disables the iDRAC network interface controller.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.CurrentNIC.Failover (Read Only)

Display Name	NIC Failover
Description	Specifies the NIC Failover LOM
Legal Values	• None - 0 • LOM1 - 1 • LOM2 - 2 • LOM3 - 3 • LOM4 - 4 • ALL - 5
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.CurrentNIC.LinkStatus (Read Only)

Display Name	Link Status
Description	iDRAC Link Status.
Legal Values	• No - 0 • Yes - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.MACAddress (Read Only)

Display Name	MAC Address
Description	The MAC Address of the iDRAC
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.MACAddress2 (Read Only)

Display Name	MAC Address 2
Description	The MAC Address 2 of the iDRAC
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:02
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.MTU (Read Only)

Display Name	NIC Maximum Transmission Unit
Description	The size in bytes of the maximum transmission unit used by the iDRAC NIC
Legal Values	Integer values from 576 to 1500.

Default Value	1500
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.MgmtIfaceName (Read Only)

Display Name	Management Interface Name
Description	The name of the Management Network Interface
Legal Values	String of up to 11 ASCII characters.
Default Value	bond0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.NumberOfLOM (Read Only)

Display Name	Number of LOM
Description	Number of shared LOM available for iDRAC network interface
Legal Values	Integer values from 0 to 16.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.PingEnable (Read Only)

Display Name	Ping Enable
Description	Enables iDRAC to respond to pings
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.Selection (Read Only)

Display Name	NIC Selection
Description	Specifies the current mode of operation for the iDRAC network interface controller
Legal Values	• Dedicated - 1 • LOM1 - 2 • LOM2 - 3 • LOM3 - 4 • LOM4 - 5
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.CurrentNIC.SharedNICScanTime (Read Only)

Display Name	Dedicated to Shared Failover Timeout
Description	Dedicated to Shared Failover Timeout
Legal Values	Integer values from 5 to 255.
Default Value	30
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.Speed (Read Only)

Display Name	NIC Speed
Description	Specifies the speed for the iDRAC NIC
Legal Values	• 10 - 0 • 100 - 1 • 1000 - 2 • 2500 - 3 • 10000 - 4 • 20000 - 5 • 25000 - 6 • 40000 - 7 • 50000 - 8 • 100000 - 9
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	Yes

iDRAC.CurrentNIC.VLanEnable (Read Only)

Display Name	Enable VLAN
Description	Enables or Disables the VLAN capabilities of the iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.VLanID (Read Only)

Display Name	VLAN ID
Description	Specifies the VLAN ID for the network VLAN configuration
Legal Values	Integer values from 1 to 4094.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.VLanPriority (Read Only)

Display Name	VLAN Priority
Description	Specifies the VLAN priority for the network VLAN configuration
Legal Values	Integer values from 0 to 7.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.CurrentNIC.VLanSetting (Read Only)

Display Name	Auto VLan Setting
Description	Auto VLAN Setting
Legal Values	• Both Enable - 0 • Disabled on Dedicated - 1 • Disabled on share - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DefaultCredentialMitigationConfigGroup.DefaultCredentialMitigation (Read or Write)

Display Name	Default Credential Mitigation
Description	Enable Default Credential Mitigation
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuth.Issuer (Read or Write)

Display Name	Delegated Authentication Static Issuer
Description	Issuer string "iss" value in tokens signed by the configured static key (s)
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuth.Mode (Read or Write)

Display Name	Delegated Authentication Service Mode
Description	Mode of operation for Delegated Server instance
Legal Values	• Mixed - 0 • Discovery - 1 • Offline - 2
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuth.Name (Read or Write)

Display Name	Delegated Authentication Name tag
Description	Name tag for the Delegated authentication, used for configuration
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuth.PublicSigningKey (Read or Write)

Display Name	Delegated Authentication Static Public Signing Key
Description	The public signing key as defined in rfc7517 or a JWK set document as specified in rfc8414
Legal Values	String of up to 3071 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuth.ServerURL (Read or Write)

Display Name	Delegated Authentication Server Address
Description	The Oauth Metadata document URL of the Authorization Server

Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuth.ServiceEnabled (Read or Write)

Display Name	Delegated Authentication Service Enabled
Description	Enable or Disable this Delegated Server instance
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthConfig.JwkCacheTime (Read or Write)

Display Name	Delegated Authentication JWK Cache Time
Description	Maximum time in seconds a JWK will be cached. A value of -1 indicates that there is no cache timeout, 0 disables the cache.
Legal Values	Integer values from -1 to 604800.
Default Value	10800
Write Privilege	Configure iDRAC, Configure Users
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthDCM.Issuer (Read or Write)

Display Name	Delegated Authentication Static Issuer
Description	Issuer string "iss" value in tokens signed by the configured static key (s)
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthDCM.Mode (Read or Write)

Display Name	Delegated Authentication Service Mode
Description	Mode of operation for Delegated Server instance
Legal Values	• Mixed - 0 • Discovery - 1 • Offline - 2
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthDCM.Name (Read or Write)

Display Name	Delegated Authentication Name tag
Description	Name tag for the Delegated authentication, used for configuration
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthDCM.PublicSigningKey (Read or Write)

Display Name	Delegated Authentication Static Public Signing Key
Description	The public signing key as defined in rfc7517 or a JWK set document as specified in rfc8414
Legal Values	String of up to 4096 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthDCM.ServerURL (Read or Write)

Display Name	Delegated Authentication Server Address
Description	The Oauth Metadata document URL of the Authorization Server
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.DelegatedAuthDCM.ServiceEnabled (Read or Write)

Display Name	Delegated Authentication Service Enabled
Description	Enable or Disable this Delegated Server instance
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.EmailAlert.Address (Read or Write)

Display Name	Email Alert Address
Description	Specifies the destination email address for email alerts
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.EmailAlert.CustomMsg (Read or Write)

Display Name	Email Alert Custom Message
Description	Specifies the custom message that forms the subject of the alert
Legal Values	String of up to 32 ASCII characters.

Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.EmailAlert.Enable (Read or Write)

Display Name	Enable Email Alerts
Description	Enables or Disables the destination to receive alerts
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.GUI.SecurityPolicyMessage (Read or Write)

Display Name	Security Policy Message
Description	Security Policy Message Displayed on the GUI login screen
Legal Values	String of up to 1434 ASCII characters.
Default Value	By accessing this computer, you confirm that such access complies with your organization's security policy.
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.GroupManager.GroupName (Read Only)

Display Name	Group Name
Description	GroupName is the user specified name of the iDRAC Group Manager local group.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None

Is Platform Dependent	No

iDRAC.GroupManager.GroupUUID (Read Only)

Display Name	Group UUID
Description	GroupUUID is a universally unique identifier that is automatically generated when the iDRAC Group Manager local group is created. This is used to track a group and remains constant for the life of the group.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.GroupManager.Status (Read or Write)

Display Name	Feature Status
Description	Enables or disables Group Management. iDRAC Group Manager feature offers simplified basic management of iDRACs on the same local network using the iDRAC GUI. When enabled a link local IPv6 address is used to discover and communicate with other iDRACs.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.IOIDOpt.IOIDOptEnable (Read or Write)

Display Name	IOIDOpt Enable
Description	Enable IO Identity Optimization
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	LM_VAM
Dependency	None
Is Platform Dependent	No

iDRAC.IOIDOpt.InitiatorPersistencePolicy (Read or Write)

Display Name	Initiator Persistence Policy
Description	Initiator Persistence Policy
Legal Values	• None - 0 • WarmReset - 1 • ColdReset - 2 • WarmReset, ColdReset - 3 • ACPowerLoss - 4 • WarmReset, ACPowerLoss - 5 • ColdReset, ACPowerLoss - 6 • WarmReset, ColdReset, ACPowerLoss - 7
Default Value	7
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IOIDOpt.PersistencePolicyOnPartReplacement (Read or Write)

Display Name	Persistence Policy On Part Replacement
Description	No description information available.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IOIDOpt.StorageTargetPersistencePolicy (Read or Write)

Display Name	Storage Target Persistence Policy
Description	Storage Target Persistence Policy
Legal Values	• None - 0 • WarmReset - 1 • ColdReset - 2 • WarmReset, ColdReset - 3 • ACPowerLoss - 4 • WarmReset, ACPowerLoss - 5

	• ColdReset, ACPowerLoss - 6 • WarmReset, ColdReset, ACPowerLoss - 7
Default Value	7
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IOIDOpt.VirtualAddressPersistencePolicyAuxPwrd (Read or Write)

Display Name	Virtual Address Persistence Policy Auxiliary Powered
Description	Virtual Address Persistence Policy Auxiliary Powered
Legal Values	• None - 0 • WarmReset - 1 • ColdReset - 2 • WarmReset, ColdReset - 3 • ACPowerLoss - 4 • WarmReset, ACPowerLoss - 5 • ColdReset, ACPowerLoss - 6 • WarmReset, ColdReset, ACPowerLoss - 7
Default Value	3
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IOIDOpt.VirtualAddressPersistencePolicyNonAuxPwrd (Read or Write)

Display Name	Virtual Address Persistence Policy Non Auxiliary Powered
Description	Virtual Address Persistence Policy Non Auxiliary Powered
Legal Values	• None - 0 • WarmReset - 1 • ColdReset - 2 • WarmReset, ColdReset - 3 • ACPowerLoss - 4 • WarmReset, ACPowerLoss - 5 • ColdReset, ACPowerLoss - 6 • WarmReset, ColdReset, ACPowerLoss - 7
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.BlockEnable (Read or Write)

Display Name	Tune IP Block Enable
Description	Enables or disables the IPv4 address blocking feature of iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.FailCount (Read or Write)

Display Name	Tune IP Fail Count
Description	Specifies the maximum number of login failures to occur within the window before login attempts from the IP address are rejected.
Legal Values	Integer values from 2 to 16.
Default Value	3
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.FailWindow (Read or Write)

Display Name	Tune IP Block Fail Window
Description	Defines the time span in seconds that the failed attempts are counted.
Legal Values	Integer values from 10 to 65535.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.PenaltyTime (Read or Write)

Display Name	Tune IP Block Penalty Time
Description	Defines the time span in seconds that session requests from an IP address with excessive failures are rejected.
Legal Values	Integer values from 2 to 65535.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeAddr (Read or Write)

Display Name	Tune IP Range Address
Description	Specifies the IPv4 address of IPv4 Address Range 1 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.1.1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeAddr2 (Read or Write)

Display Name	Tune IP Range Address 2
Description	Specifies the IPv4 address of IPv4 Address Range 2 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.1.1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeAddr3 (Read or Write)

Display Name	Tune IP Range Address 3
Description	Specifies the IPv4 address of IPv4 Address Range 3 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.

Default Value	192.168.1.1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeAddr4 (Read or Write)

Display Name	Tune IP Range Address 4
Description	Specifies the IPv4 address of IPv4 Address Range 4 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.1.1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeAddr5 (Read or Write)

Display Name	Tune IP Range Address 5
Description	Specifies the IPv4 address of IPv4 Address Range 5 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.1.1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeEnable (Read or Write)

Display Name	Tune IP Range Enable
Description	Enables or disables IPv4 Address Range 1 of the IP blocking feature of iDRAC. t
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeEnable2 (Read or Write)

Display Name	Tune IP Range Enable 2
Description	Enables or disables IPv4 Address Range 2 of the IP blocking feature of iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeEnable3 (Read or Write)

Display Name	Tune IP Range Enable 3
Description	Enables or disables IPv4 Address Range 3 of the IP blocking feature of iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeEnable4 (Read or Write)

Display Name	Tune IP Range Enable 4
Description	Enables or disables IPv4 Address Range 4 of the IP blocking feature of iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeEnable5 (Read or Write)

Display Name	Tune IP Range Enable 5
Description	Enables or disables IPv4 Address Range 5 of the IP blocking feature of iDRAC.

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeMask (Read or Write)

Display Name	Tune IP Range Mask
Description	Specifies the IPv4 subnet mask of IPv4 Address Range 1 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeMask2 (Read or Write)

Display Name	Tune IP Range Mask 2
Description	Specifies the IPv4 subnet mask of IPv4 Address Range 2 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeMask3 (Read or Write)

Display Name	Tune IP Range Mask 3
Description	Specifies the IPv4 subnet mask of IPv4 Address Range 3 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.IPBlocking.RangeMask4 (Read or Write)

Display Name	Tune IP Range Mask 4
Description	Specifies the IPv4 subnet mask of IPv4 Address Range 4 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPBlocking.RangeMask5 (Read or Write)

Display Name	Tune IP Range Mask 5
Description	Specifies the IPv4 subnet mask of IPv4 Address Range 5 of the IP blocking feature of iDRAC.
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIIPConfig.ArpInterval (Read or Write)

Display Name	Arp Interval
Description	Gratuitous ARP interval
Legal Values	String of up to 2 ASCII characters.
Default Value	03
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIIPConfig.BackupGatewayIP (Read or Write)

Display Name	Backup Gateway IP

Description	IP address of an alternate gateway.
Legal Values	String of up to 8 ASCII characters.
Default Value	00000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIIPConfig.BackupGatewayMac (Read or Write)

Display Name	Backup Gateway MAC
Description	Mac address of the alternate gateway.
Legal Values	String of up to 12 ASCII characters.
Default Value	000000000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIIPConfig.DefaultGatewayMAC (Read or Write)

Display Name	Default gateway MAC
Description	Mac address of the default gateway
Legal Values	String of up to 12 ASCII characters.
Default Value	000000000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIIPConfig.IPHeader (Read or Write)

Display Name	IP Header
Description	IPMI configuration for RMCP IPV4 header parameter. Check IPMI specification for more info
Legal Values	String of up to 6 ASCII characters.
Default Value	404010
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.IPMILan.AlertEnable (Read or Write)

Display Name	Alert Enable
Description	Enables or Disables global alerting
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMILan.CommunityName (Read or Write)

Display Name	Community Name
Description	Specifies the SNMP community name for traps
Legal Values	String of up to 18 ASCII characters.
Default Value	public
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMILan.Enable (Read or Write)

Display Name	Enable or Disable IPMI over LAN
Description	Enables or Disables the IPMI over LAN interface
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMILan.EncryptionKey (Read or Write)

Display Name	Encryption Key
Description	Specifies the IPMI Encryption key
Legal Values	String of up to 40 ASCII characters.
Default Value	0000000000000000000000000000000000000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMILan.PrivLimit (Read or Write)

Display Name	Privilege Limit
Description	Specifies the maximum privilege level for IPMI over LAN access
Legal Values	• User - 2 • Operator - 3 • Administrator - 4
Default Value	4
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIPEFSeldomFilter.FilterEntry (Read or Write)

Display Name	Filter Entry
Description	Attribute for FilterEntry
Legal Values	String of up to 40 ASCII characters.
Default Value	0000000000000000000000000000000000000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMIPefSeldom.GlobalControl (Read or Write)

Display Name	Global Control
Description	Global control

Legal Values	String of up to 2 ASCII characters.
Default Value	0F
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMISOL.AccumulateInterval (Read or Write)

Display Name	IPMI SOL Accumulate Interval
Description	Specifies the typical amount of time that iDRAC waits before transmitting a partial SOL character data packet
Legal Values	Integer values from 1 to 255.
Default Value	10
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMISOL.BaudRate (Read or Write)

Display Name	IPMI SOL Baud Rate
Description	Specifies the Baud rate for serial communication over LAN
Legal Values	• 9600 - 9600 • 19200 - 19200 • 57600 - 57600 • 115200 - 115200
Default Value	115200
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMISOL.Enable (Read or Write)

Display Name	IPMI SOL Enable
Description	Enables or disables Serial Over LAN (SOL)
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMISOL.MinPrivilege (Read or Write)

Display Name	IPMI SOL Min Privilege
Description	Specifies the minimum privilege level required for serial access
Legal Values	• User - 2 • Operator - 3 • Administrator - 4
Default Value	4
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMISOL.SendThreshold (Read or Write)

Display Name	IPMI SOL Send Threshold
Description	Specifies the SOL threshold limit value and the maximum number of bytes to buffer before sending an SOL data packet
Legal Values	Integer values from 1 to 255.
Default Value	255
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPMISerial.BaudRate (Read or Write)

Display Name	IPMI Serial Baud Rate
Description	Specifies the baud rate for serial connection over IPMI
Legal Values	• 9600 - 9600 • 19200 - 19200 • 57600 - 57600 • 115200 - 115200
Default Value	57600
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.ChanPrivLimit (Read or Write)

Display Name	IPMI Serial Channel Privilege Limit
Description	Specifies the maximum privilege limit allowed on the IPMI serial channel
Legal Values	• User - 2 • Operator - 3 • Administrator - 4
Default Value	4
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.ConnectionMode (Read or Write)

Display Name	IPMI Serial Connection Mode
Description	Determines the IPMI defined mode of the serial port
Legal Values	• Terminal - 0 • Basic - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.DeleteControl (Read or Write)

Display Name	IPMI Serial Delete Control
Description	Enables or Disables delete control on the IPMI serial interface
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.EchoControl (Read or Write)

Display Name	IPMI Serial Echo Control
Description	Enables or Disables echo control on the IPMI serial interface
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.FlowControl (Read or Write)

Display Name	IPMI Serial Flow Control
Description	Specifies the Flow Control setting for IPMI serial port
Legal Values	• None - 0 • RTS/CTS - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.HandshakeControl (Read or Write)

Display Name	IPMI Serial Handshake Control
Description	Enables or Disables the IPMI terminal mode handshake control
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.InputNewLineSeq (Read or Write)

Display Name	IPMI Serial Input New Line Sequence
Description	Specifies the input new line sequence for the IPMI serial interface

Legal Values	• Enter - 1 • Null - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.LineEdit (Read or Write)

Display Name	IPMI Serial Line Edit
Description	Enables or Disables line editing on the IPMI serial interface
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPMISerial.NewLineSeq (Read or Write)

Display Name	IPMI Serial New Line Sequence
Description	Specifies the new line sequence for the IPMI serial interface
Legal Values	• None - 0 • CR-LF - 1 • NULL - 2 • CR - 3 • LF-CR - 4 • LF - 5
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPv4.Address (Read or Write)

Display Name	IPv4 Address
Description	The current IPv4 address assigned to the iDRAC
Legal Values	String of up to 16 ASCII characters.

Default Value	192.168.0.120
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPv4.DHCPEnable (Read or Write)

Display Name	IPv4 DHCP Enable
Description	Specifies if DHCP is used to assign the iDRAC IPv4 address
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPv4.DNS1 (Read or Write)

Display Name	DNS Server 1
Description	IPv4 address for DNS server 1
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4.DNS2 (Read or Write)

Display Name	DNS Server 2
Description	IPv4 address for DNS Server 2
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4.DNS3 (Read or Write)

Display Name	DNS Server 3
Description	IPv4 address for DNS Server 3
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4.DNSFromDHCP (Read or Write)

Display Name	DNS Servers From DHCP
Description	Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4.Enable (Read or Write)

Display Name	IPv4 Enable
Description	Enables or Disables the iDRAC IPv4 stack
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4.Gateway (Read or Write)

Display Name	Gateway
Description	The gateway for the iDRAC IPv4 address

Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.0.1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPv4.Netmask (Read or Write)

Display Name	Net Mask
Description	The subnet mask used for the iDRAC IPv4 address
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4Static.Address (Read or Write)

Display Name	IPv4 Address
Description	iDRAC static IPv4 address (can be configured even when DHCP is enabled)
Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.0.120
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPv4Static.DNS1 (Read or Write)

Display Name	DNS Server 1
Description	Statically configurable DNS Server 1
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.IPv4Static.DNS2 (Read or Write)

Display Name	DNS Server 2
Description	Statically configurable DNS Server 2
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4Static.DNS3 (Read or Write)

Display Name	DNS Server 3
Description	Statically configurable DNS Server 3
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4Static.DNSFromDHCP (Read or Write)

Display Name	DNS Servers From DHCP
Description	Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv4Static.Gateway (Read or Write)

Display Name	Gateway

Description	iDRAC static IPv4 gateway (can be configured even when DHCP is enabled)
Legal Values	String of up to 16 ASCII characters.
Default Value	192.168.0.1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.IPv4Static.Netmask (Read or Write)

Display Name	Net Mask
Description	iDRAC static IPv4 subnet mask(can be configured even when DHCP is enabled)
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address1 (Read or Write)

Display Name	IPV6 Address 1
Description	iDRAC IPv6 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address10 (Read Only)

Display Name	IPV6 Address 10
Description	iDRAC IPv6 tenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.IPv6.Address11 (Read Only)

Display Name	IPV6 Address 11
Description	iDRAC IPv6 eleventh address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address12 (Read Only)

Display Name	IPV6 Address 12
Description	iDRAC IPv6 twelfth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address13 (Read Only)

Display Name	IPV6 Address 13
Description	iDRAC IPv6 thirteenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address14 (Read Only)

Display Name	IPV6 Address 14

Description	iDRAC IPv6 fourteenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address15 (Read Only)

Display Name	IPV6 Address 15
Description	iDRAC IPv6 fifteenth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address2 (Read Only)

Display Name	IPV6 Address 2
Description	iDRAC IPv6 second address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address3 (Read Only)

Display Name	IPV6 Address 3
Description	iDRAC IPv6 third address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.IPv6.Address4 (Read Only)

Display Name	IPV6 Address 4
Description	iDRAC IPv6 fourth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address5 (Read Only)

Display Name	IPV6 Address 5
Description	iDRAC IPv6 fifth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address6 (Read Only)

Display Name	IPV6 Address 6
Description	iDRAC IPv6 sixth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address7 (Read Only)

Display Name	IPV6 Address 7

Description	iDRAC IPv6 seventh address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address8 (Read Only)

Display Name	IPV6 Address 8
Description	iDRAC IPv6 eighth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Address9 (Read Only)

Display Name	IPV6 Address 9
Description	iDRAC IPv6 ninth address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.AddressGenerationMode (Read or Write)

Display Name	IPv6 Address Generation Mode
Description	IPv6 Address Generation Mode
Legal Values	• StablePrivacy - 0 • EUI64 - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.AddressState (Read Only)

Display Name	Address State
Description	IPV6 Address State
Legal Values	• Active - 0 • Disabled - 1 • Pending - 2 • Failed - 3 • Deprecated - 4 • Invalid - 5
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.AutoConfig (Read or Write)

Display Name	IPV6 Auto Config
Description	Enables or Disables the iDRAC IPv6 auto configuration option
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.DNS1 (Read or Write)

Display Name	IPV6 DNS Server1
Description	IPv6 DNS Server 1 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.IPv6.DNS2 (Read or Write)

Display Name	IPV6 DNS Server2
Description	IPv6 DNS Server 2 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.DNS3 (Read or Write)

Display Name	IPV6 DNS Server3
Description	IPv6 DNS Server 3 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.DNSFromDHCP6 (Read or Write)

Display Name	DNS Server From DHCP6
Description	Specifies if the DNS Server addresses are obtained from DHCP or not
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.DUID (Read Only)

Display Name	IPV6 DUID

Description	DHCP Unique Identifier
Legal Values	String of up to 144 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Enable (Read or Write)

Display Name	IPV6 Enable
Description	Enables or Disables iDRAC IPv6 stack
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.Gateway (Read or Write)

Display Name	IPV6 Gateway
Description	iDRAC IPv6 Gateway
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.LinkLocalAddress (Read Only)

Display Name	IPV6 Link Local Address
Description	iDRAC IPv6 Link Local Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Express License

Dependency	None
Is Platform Dependent	No

iDRAC.IPv6.PrefixLength (Read or Write)

Display Name	IPV6 Link Local Prefix Length
Description	Prefix length for the iDRAC IPv6 Address
Legal Values	Integer values from 1 to 128.
Default Value	64
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.Address1 (Read or Write)

Display Name	IPv6 Address 1
Description	iDRAC static IPv6 address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.DNS1 (Read or Write)

Display Name	IPV6 DNS Server 1
Description	Statically configurable DNS Server 1
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.DNS2 (Read or Write)

Display Name	IPv6 DNS Server 2
Description	Statically configurable DNS Server 1
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.DNS3 (Read or Write)

Display Name	IPV6 DNS Server 3
Description	Statically configurable DNS Server 3
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.DNSFromDHCP6 (Read or Write)

Display Name	DNS Server From DHCP6
Description	Specifies if the DNS server IPv6 addresses should be assigned from the DHCP server on the network.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.Gateway (Read or Write)

Display Name	IPv6 Gateway
Description	iDRAC static IPv6 gateway
Legal Values	String of up to 63 ASCII characters.

Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6Static.PrefixLength (Read or Write)

Display Name	IPV6 Link Local Prefix Length
Description	Prefix length for the iDRAC IPv6 Address
Legal Values	Integer values from 1 to 128.
Default Value	64
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IPv6URL.URL (Read Only)

Display Name	iDRAC IPv6 URL
Description	Provides the IPv6 URL for the iDRAC.
Legal Values	String of up to 80 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.Info.Build (Read Only)

Display Name	iDRAC Build Information
Description	String containing the current product build version
Legal Values	String of up to 16 ASCII characters.
Default Value	25
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.CPLDVersion (Read Only)

Display Name	CPLD Version
Description	Specifies the CPLD firmware version of the server.
Legal Values	String of up to 8 ASCII characters.
Default Value	0.0.0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.Description (Read Only)

Display Name	iDRAC Description Information
Description	Text description of the iDRAC
Legal Values	String of up to 512 ASCII characters.
Default Value	This system component provides a complete set of remote management functions for Dell PowerEdge Server.
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.HWModel (Read Only)

Display Name	iDRAC Hardware Model Information
Description	Specifies the iDRAC Hardware Model
Legal Values	String of up to 10 ASCII characters.
Default Value	iDRAC 9
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.HWRev (Read Only)

Display Name	iDRAC Hardware Revision
Description	Specifies the iDRAC hardware revision.
Legal Values	String of up to 256 ASCII characters.

Default Value	.0.1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.IPMIVersion (Read Only)

Display Name	IPMI Version
Description	Current IPMI Version supported on iDRAC
Legal Values	String of up to 20 ASCII characters.
Default Value	2.0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.Name (Read Only)

Display Name	iDRAC Name
Description	User assigned name identifying this controller
Legal Values	String of up to 15 ASCII characters.
Default Value	iDRAC
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.Product (Read Only)

Display Name	iDRAC Product Information
Description	String identifying the Product
Legal Values	String of up to 71 ASCII characters.
Default Value	Integrated Dell Remote Access Controller
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.RollbackBuild (Read Only)

Display Name	iDRAC Rollback Build Number
Description	Specifies the iDRAC rollback build number.
Legal Values	String of up to 256 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.RollbackVersion (Read Only)

Display Name	iDRAC Rollback Version
Description	Specifies the iDRAC rollback version.
Legal Values	String of up to 256 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Info.ServerGen (Read Only)

Display Name	Server Generation
Description	String containing the current server generation
Legal Values	• 12G - 1 • 13G - 2 • 14G - 3 • 15G - 4 • 16G - 5
Default Value	3
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.Info.Type (Read Only)

Display Name	iDRAC Type

Description	Identifies the remote access controller type as iDRAC
Legal Values	• 12G/13G/14G/15G - 0 • Other - 1 • Unknown - 2 • 12G Monolithic - 16 • 12G Modular - 17 • 13G Monolithic - 32 • 13G Modular - 33 • 12G DCS - 21 • 13G DCS - 34 • 14G Monolithic - 48 • 14G Modular - 49 • 14G DCS - 50 • 15G Monolithic - 64 • 15G Modular - 65 • 15G DCS - 66
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.Info.Version (Read Only)

Display Name	iDRAC Version Information
Description	String containing the current product firmware version
Legal Values	String of up to 63 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.IntegratedDatacenter.DiscoveryEnable (Read or Write)

Display Name	Enable Autodiscovery
Description	Enable Autodiscovery
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.InventoryHash.HWInventoryHash (Read Only)

Display Name	Hardware Inventory Hash
Description	Provides hash value for available hardware inventory.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.InventoryHash.HashCalculationInterval (Read or Write)

Display Name	Hash Calculation Interval
Description	Set hash value generation interval
Legal Values	Integer values from 15 to 1440.
Default Value	15
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.InventoryHash.SWInventoryHash (Read Only)

Display Name	Software Inventory Hash
Description	Provides hash value for available software inventory
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.InventoryHash.SystemConfigHash (Read Only)

Display Name	System Configuration Hash
Description	Provides hash value for current server configuration
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.KMS.KMIPPortNumber (Read or Write)

Display Name	Key Management Server KMIP Port Number
Description	Specifies the KMIP Port Number for the Primary and Redundant Key Management Server.
Legal Values	Integer values from 0 to 65535.
Default Value	5696
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.PrimaryServerAddress (Read or Write)

Display Name	Primary Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the Primary Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantKMIPPortNumber (Read or Write)

Display Name	Redundant KMIP Port Number

Description	Specifies the KMIP Port Number for the Redundant Server.
Legal Values	Integer values from 0 to 65535.
Default Value	5696
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress1 (Read or Write)

Display Name	First Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the first Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress2 (Read or Write)

Display Name	Second Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the second Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress3 (Read or Write)

Display Name	Third Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the third Redundant Key Management Server.

Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress4 (Read or Write)

Display Name	Fourth Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the fourth Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress5 (Read or Write)

Display Name	Fifth Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the fifth Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress6 (Read or Write)

Display Name	Sixth Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the sixth Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.

Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress7 (Read or Write)

Display Name	Seventh Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the seventh Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.RedundantServerAddress8 (Read or Write)

Display Name	Eighth Redundant Server Address
Description	Specifies the FQDN, IPv4 address or IPv6 address of the eighth Redundant Key Management Server.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.Timeout (Read or Write)

Display Name	SSL Connection Timeout
Description	Specifies the SSL connection timeout value in seconds.
Legal Values	Integer values from 0 to 300.

Default Value	10
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.iDRACPassword (Read or Write)

Display Name	iDRAC Password
Description	Specifies the password for the iDRAC account on the Key Management server.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.KMS.iDRACUserName (Read or Write)

Display Name	iDRAC User Name
Description	Specifies the User Id on the Key Management server for this iDRAC.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	Run the racadm sekm enable command after changing any iDRAC KMS attributes. This action validates if the changes are valid and iDRAC can communicate with the KMS.

iDRAC.LDAP.BaseDN (Read or Write)

Display Name	LDAP Base Domain Name
Description	The Domain Name of the branch of the directory where all searches should start from.
Legal Values	String of up to 254 ASCII characters.
Default Value	None

Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.BindDN (Read or Write)

Display Name	LDAP Bind User Distinguished Name
Description	The distinguished name of a user used to bind to the server when searching for the login user's DN.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.BindPassword (Read or Write)

Display Name	LDAP Bind Password
Description	A bind password to use in conjunction with the bindDN.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.CertValidationEnable (Read or Write)

Display Name	Enable LDAP Certificate Validation
Description	Controls certificate validation during SSL handshake.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.Connection (Read or Write)

Display Name	LDAP Connection
Description	Selects LDAP connection protocol
Legal Values	• StartTLS - 0 • LDAPS - 1
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.Enable (Read or Write)

Display Name	Enable LDAP
Description	Turns LDAP service on or off.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.GroupAttribute (Read or Write)

Display Name	LDAP Group Attribute
Description	Specifies which LDAP attribute is used to check for group membership.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.GroupAttributeIsDN (Read or Write)

Display Name	LDAP Group Attribute Is Domain Name
Description	Specifies whether the user domain name should be used from the LDAP server or from what was provided by user at login

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.Port (Read or Write)

Display Name	LDAP Port
Description	Port of LDAP over SSL.
Legal Values	Integer values from 1 to 65535.
Default Value	636
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.RSASecurID2FALDAP (Read or Write)

Display Name	RSA SecurID 2FA LDAP
Description	Enables or disables RSA SecurID 2 Factor Authentication for LDAP users.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Datacenter License
Dependency	Generic LDAP must be Enabled prior to setting to Enabled.
Is Platform Dependent	No

iDRAC.LDAP.SearchFilter (Read or Write)

Display Name	LDAP Search Filter
Description	A valid LDAP search filter to be used if the user attribute cannot uniquely identify the login user within the chosen baseDN.
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License

Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.Server (Read or Write)

Display Name	LDAP Server
Description	Configures the address of the LDAP Server
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAP.UserAttribute (Read or Write)

Display Name	LDAP User Attribute
Description	Specifies the user attribute to search for.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAPRoleGroup.DN (Read or Write)

Display Name	LDAP Role Group Domain Name
Description	This is the Domain Name of the group.
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LDAPRoleGroup.Privilege (Read or Write)

Display Name	LDAP Role Group Privilege
Description	A bit-mask defining the privileges associated with this particular group.
Legal Values	Integer values from 0 to 511.
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.LocalSecurity.LocalConfig (Read or Write)

Display Name	Local Config
Description	Enables or disables the ability of the user to configure the iDRAC from the host OS using racadm.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.LocalSecurity.PrebootConfig (Read or Write)

Display Name	Preboot Config
Description	Enables or disables the ability of the user to configure iDRAC from BIOS POST
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Lockdown.SystemLockdown (Read or Write)

Display Name	System Lockdown
Description	Specifies if the System Lockdown is enabled or disabled

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.Logging.LCDuplicateEventEnable (Read or Write)

Display Name	LCDuplicateEventEnable
Description	Lifecycle Log Duplicate Entry
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Logging.LCLogAggregation (Read or Write)

Display Name	LCLogAggregation
Description	Lifecycle Log aggregation
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Logging.LCLogAggregationTimeout (Read or Write)

Display Name	LCLogAggregationTimeout
Description	LCLoggingAggregationTimeout in Minutes
Legal Values	Integer values from 1 to 1440.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.Logging.SELBufferType (Read or Write)

Display Name	Control SEL Buffer Type
Description	Configurable attribute to modify the SEL behavior to make it linear instead of default circular.
Legal Values	• Circular - 0 • Linear - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Logging.SELOEMEventFilterEnable (Read or Write)

Display Name	SEL OEM Event Filter Enable
Description	Enable SEL OEM Event Filter
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.AutoConfig (Read or Write)

Display Name	Auto Configuration enable
Description	Enable Auto Configuration
Legal Values	• Disabled - 0 • Enable Once - 1 • Enable Once After Reset - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.AutoDetect (Read or Write)

Display Name	Auto NIC Enable
Description	Enable or disable auto detection feature of iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.Autoneg (Read or Write)

Display Name	NIC Auto Negotiation
Description	Enables autonegotiation of physical link speed and duplex
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.DNSDomainFromDHCP (Read or Write)

Display Name	DNS Domain From DHCP
Description	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.DNSDomainName (Read or Write)

Display Name	DNS Domain Name
Description	The DNS Domain Name

Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.DNSDomainNameFromDHCP (Read or Write)

Display Name	DNS Domain Name from DHCP
Description	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.DNSRacName (Read or Write)

Display Name	DNS RAC Name
Description	The iDRAC name, which is iDRAC-<SVCTAG> by default
Legal Values	String of up to 63 ASCII characters.
Default Value	idrac-SVCTAG
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.DNSRegister (Read or Write)

Display Name	DNS Register RAC
Description	Registers the iDRAC name with the DNS server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.NIC.DNSRegisterInterval (Read or Write)

Display Name	DNS Registration Interval
Description	Specifies the DNS registration refresh interval. Valid values are 0 or 60 to 7776000.
Legal Values	Integer values from 60 to 7776000.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.DedicatedNICScanTime (Read or Write)

Display Name	Shared to Dedicated Failover Timeout
Description	Wait time for the iDRAC to switch from dedicated mode to shared mode.
Legal Values	Integer values from 5 to 255.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.DiscoveryLLDP (Read or Write)

Display Name	Discovery LLDP
Description	Enables LLDP over active NIC Interface.
Legal Values	• Disabled - 0 • Dedicated - 1 • SharedLOM - 2 • Enabled - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.Duplex (Read or Write)

Display Name	NIC Duplex
Description	Specifies the duplex setting for the iDRAC NIC
Legal Values	• Half - 0 • Full - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.Enable (Read or Write)

Display Name	NIC Enable
Description	Enables or Disables the iDRAC network interface controller.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.Failover (Read or Write)

Display Name	NIC Failover
Description	Specifies the NIC Failover LOM.
Legal Values	• None - 0 • LOM1 - 1 • LOM2 - 2 • LOM3 - 3 • LOM4 - 4 • All - 5
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.MACAddress (Read Only)

Display Name	MAC Address
Description	The MAC Address of the iDRAC
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.MTU (Read or Write)

Display Name	NIC Maximum Transmission Unit
Description	The size in bytes of the maximum transmission unit used by the iDRAC NIC
Legal Values	Integer values from 576 to 1500.
Default Value	1500
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.PingEnable (Read or Write)

Display Name	Ping Enable
Description	Enables iDRAC to respond to pings
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.Selection (Read or Write)

Display Name	NIC Selection
Description	Specifies the current mode of operation for the iDRAC network interface controller
Legal Values	• Dedicated - 1

- LOM1 - 2
- LOM2 - 3
- LOM3 - 4
- LOM4 - 5

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.SharedNICScanTime (Read or Write)

Display Name	Dedicated to Shared Failover Timeout
Description	Wait time for the iDRAC to switch from shared mode to dedicated mode.
Legal Values	Integer values from 5 to 255.
Default Value	30
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.Speed (Read or Write)

Display Name	NIC Speed
Description	Specifies the speed for the iDRAC NIC
Legal Values	• 10 - 0 • 100 - 1 • 1000 - 2 • 2500 - 3 • 10000 - 4 • 20000 - 5 • 25000 - 6 • 40000 - 7 • 50000 - 8 • 100000 - 9
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.SwitchConnection (Read Only)

Display Name	Switch Connection
Description	Specifies the Chassis ID extracted from LLDP packet
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.SwitchPortConnection (Read Only)

Display Name	Switch Port Connection
Description	Specifies the Port ID extracted from LLDP packet.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.TopologyLldp (Read or Write)

Display Name	TopologyLLDP
Description	Enable/Disable LLDP topology information
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.NIC.VLanEnable (Read or Write)

Display Name	Enable VLAN
Description	Enables or Disables the VLAN capabilities of the iDRAC
Legal Values	• Disabled - 0

	• Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.VLanID (Read or Write)

Display Name	VLAN ID
Description	Specifies the VLAN ID for the network VLAN configuration
Legal Values	Integer values from 1 to 4094.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.VLanPort (Read or Write)

Display Name	VLan Port
Description	VLAN Port
Legal Values	• Both - 0 • Dedicated port only - 1 • LOM ports only - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.NIC.VLanPriority (Read or Write)

Display Name	VLAN Priority
Description	Specifies the VLAN priority for the network VLAN configuration
Legal Values	Integer values from 0 to 7.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.NICStatic.DNSDomainFromDHCP (Read or Write)

Display Name	DNS Domain From DHCP
Description	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The following objects are not valid for modular systems: • Auto negotiation • Auto dedicated NIC • Network speed • Duplex • Dedicated NIC scan time • Shared NIC scan time

iDRAC.NICStatic.DNSDomainName (Read or Write)

Display Name	DNS Domain Name
Description	The DNS Domain Name
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The following objects are not valid for modular systems: • Auto negotiation • Auto dedicated NIC • Network speed • Duplex • Dedicated NIC scan time • Shared NIC scan time

iDRAC.NTPConfigGroup.NTP1 (Read or Write)

Display Name	NTP Server 1

Description	Name of NTP Server 1
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP1SecurityKey (Read or Write)

Display Name	Security Key for NTP Server 1
Description	Security Key for NTP Server 1
Legal Values	String of up to 64 ASCII characters.
Default Value	""
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP1SecurityKeyNumber (Read or Write)

Display Name	Security Key Number for NTP Server 1
Description	Security Key Number for NTP Server 1
Legal Values	Integer values from 1 to 65535.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP1SecurityType (Read or Write)

Display Name	Security Type for NTP Server 1
Description	Security type for NTP server 1
Legal Values	• Disabled - 0 • MD5 - 1 • SHA1 - 2
Default Value	0

Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP2 (Read or Write)

Display Name	NTP Server 2
Description	Name of NTP Server 2
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP2SecurityKey (Read or Write)

Display Name	Security Key for NTP Server 2
Description	Security Key for NTP Server 2
Legal Values	String of up to 64 ASCII characters.
Default Value	“”
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP2SecurityKeyNumber (Read or Write)

Display Name	Security Key Number for NTP Server 2
Description	Security Key Number for NTP Server 2
Legal Values	Integer values from 1 to 65535.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP2SecurityType (Read or Write)

Display Name	Security Type for NTP Server 2
Description	Security type for NTP server 2
Legal Values	• Disabled - 0 • MD5 - 1 • SHA1 - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP3 (Read or Write)

Display Name	NTP Server 3
Description	Name of NTP Server 3
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP3SecurityKey (Read or Write)

Display Name	Security Key for NTP Server 3
Description	Security Key for NTP Server 3
Legal Values	String of up to 64 ASCII characters.
Default Value	“”
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP3SecurityKeyNumber (Read or Write)

Display Name	Security Key Number for NTP Server 3
Description	Security Key Number for NTP Server 3
Legal Values	Integer values from 1 to 65535.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTP3SecurityType (Read or Write)

Display Name	Security Type for NTP Server 3
Description	Security type for NTP server 3
Legal Values	• Disabled - 0 • MD5 - 1 • SHA1 - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.NTPConfigGroup.NTPEnable (Read or Write)

Display Name	NTP Enable
Description	Enable Network Time Protocol
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes

iDRAC.NTPConfigGroup.NTPMaxDist (Read or Write)

Display Name	NTP Maximum Distance
Description	NTP Maximum Distance
Legal Values	Integer values from 1 to 128.
Default Value	16
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.OS-BMC.AdminState (Read or Write)

Display Name	LC and Host Private Channel State
Description	Manages the administrative state of the IMC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.OsIpAddress (Read or Write)

Display Name	OS-BMC PT HOST IP Address
Description	OS-BMC Passthrough Host IP Address. Enter a valid IPv4 address.
Legal Values	String of up to 16 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.PTCapability (Read Only)

Display Name	OS-BMC Pass Through Capability

Description	OS-BMC Pass Through Capability
Legal Values	• Not Capable - 0 • Capable - 1 • Unavailable - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.PTMode (Read or Write)

Display Name	OS-BMC PT Mode
Description	Specifies the OS-BMC Passthrough mode. Note: Starting in iDRAC9 4.00, lom-p2p is not supported when NIC Selection is set to Dedicated.
Legal Values	• lom-p2p - 0 • usb-p2p - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	OS-BMC.PTCompatibility must be set to Capable.
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.UsbNicIpAddress (Read or Write)

Display Name	USB NIC IP Address
Description	Specifies the USB NIC IP Address. Enter a valid IPv4 address.
Legal Values	String of up to 16 ASCII characters.
Default Value	169.254.1.1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.UsbNicIpNetmask (Read or Write)

Display Name	USB NIC IP Netmask

Description	USB NIC IP Netmask
Legal Values	String of up to 16 ASCII characters.
Default Value	255.255.255.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.UsbNicIpV6Address (Read Only)

Display Name	USB NIC IPv6 Address
Description	USB NIC IPv6 Address
Legal Values	String of up to 63 ASCII characters.
Default Value	::
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.UsbNicIpv4AddressSupport (Read or Write)

Display Name	USB NIC IPv4 Address Support
Description	Specifies whether the USB NIC IP Address can support IPv4 or NOT. Select Enabled to allow IPv4 address.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.OS-BMC.UsbNicULA (Read or Write)

Display Name	USB-NIC IPv6 Unique Local Address

Description	Specifies the USB-NIC IPv6 unique local address. Address cannot be in the ranges fde1:53ba:e9a0:de12::/64, fde1:53ba:e9a0:de13::/64, fde1:53ba:e9a0:de14::/64, fde1:53ba:e9a0:de15::/64 and fde1:53ba:e9a0:de16::/64.
Legal Values	String of up to 63 ASCII characters.
Default Value	fde1:53ba:e9a0:de11::1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	In Autocomplete mode, the group OS-BMC is autocompleted as OS_BMC.

iDRAC.PCIeVDM.AllowFQDD (Read or Write)

Display Name	AllowFQDD
Description	FQDD of the device to enable PCIe VDM communication when the device supports PCIe VDM.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.BroadcastEnable (Read or Write)

Display Name	BroadcastEnable
Description	BroadcastEnable enforces iDRAC to discover PCIe VDM capable devices by broadcasting discovery commands from PCIe root complex. If disabled then iDRAC uses unicast (P2P) method to discover PCIe VDM devices.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.CheckPCIID (Read or Write)

Display Name	CheckPCIID
Description	Check the status of PCI ID for PCIe VDM
Legal Values	String of up to 20 ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.DenyFQDD (Read or Write)

Display Name	DenyFQDD
Description	FQDD of the device to disable PCIe VDM communication when the device supports PCIe VDM.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.Enable (Read or Write)

Display Name	PCIe VDM Enable
Description	Enable/Disable the PCIe VDM capability.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.FQDDDenyList (Read or Write)

Display Name	FQDDDenyList
Description	iDRAC will not issue P2P PCIe VDM commands to the device in FQDDDenyList even if the device supports PCIe VDM.
Legal Values	String of up to 4096 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.PCIeVDM.NVMeHotplugEnable (Read or Write)

Display Name	NVMeHotplugEnable
Description	NVMeHotplugEnable enforces iDRAC to discover NVMe Hotplug devices over PCIe VDM
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDAllowOnlyList (Read or Write)

Display Name	PCIIDAllowOnlyList
Description	PCIIDs in this List are only allowed for PCIe VDM communication and rest of all other PCIIDs are denied.
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDDenyList (Read or Write)

Display Name	PCIIDDenyList
Description	PCIID Deny List for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDExtendedList (Read or Write)

Display Name	PCIIDExtendedList
Description	Extended list for the default list of allowed PCIIDs of iDRAC for PCIe VDM devices.
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList1 (Read or Write)

Display Name	PCIIDList1
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList2 (Read or Write)

Display Name	PCIIDList2
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList3 (Read or Write)

Display Name	PCIIDList3
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList4 (Read or Write)

Display Name	PCIIDList4
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList5 (Read or Write)

Display Name	PCIIDList5
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList6 (Read or Write)

Display Name	PCIIDList6
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList7 (Read or Write)

Display Name	PCIIDList7
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PCIeVDM.PCIIDList8 (Read or Write)

Display Name	PCIIDList8
Description	List of PCI IDs allowed for PCIe VDM
Legal Values	String of up to 4000 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PLDMConfiguration.PLDMLogRetrieval (Read or Write)

Display Name	PLDM Log Retrieval
Description	Enable/disable PLDM log retrieval feature for GPUs
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PlatformCapability.ASHRAECapable (Read Only)

Display Name	ASHRAE Capable
Description	Indicates if system is ASHRAE capable.

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.AirFilterCapable (Read Only)

Display Name	AirFilter Capable
Description	Air Filter supported or not
Legal Values	• NoFilter - 0 • PassiveFilter - 1 • ActiveFilter - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.BackupRestoreCapable (Read Only)

Display Name	BackupRestore Capable
Description	Indicates if Backup and Restore is supported.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.CUPSCapable (Read Only)

Display Name	CUPS Capable
Description	Indicates hardware is CUPS capable
Legal Values	• Disabled - 0 • Enabled - 1

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.CoolingConfigEnable (Read Only)

Display Name	Cooling Config Enable
Description	No description information available.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.ExtendedInfoCapable (Read Only)

Display Name	Extended Information Capable
Description	Heater Manager Extendated Information Capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.FrontPanelCapable (Read Only)

Display Name	Front Panel Capable
Description	Indicates hardware is front panel capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	Yes

iDRAC.PlatformCapability.FrontPanelUSBCapable (Read Only)

Display Name	Front Panel USB Capable
Description	Indicates hardware is Front Panel USB capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.FrontPortUSBConfiguration (Read Only)

Display Name	Front Port USB Configuration
Description	When BIOS is configured as "All Ports Off (Dynamic)" the above capability attribute will be set to true, otherwise false.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	Dynamic USB is only available on 600+ series servers and higher.

iDRAC.PlatformCapability.GridCurrentCapCapable (Read Only)

Display Name	GridCurrentCapCapable
Description	System current cap capability
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PlatformCapability.LCDCapable (Read Only)

Display Name	LCD Capable
Description	Indicates platform is LCD capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.LiveScanCapable (Read Only)

Display Name	Live Scan Capable
Description	Indicates if Live Scan is supported.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.NICRoTCapable (Read Only)

Display Name	NIC Root of Trust Capable
Description	No description information available.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.NicVLANCapable (Read Only)

Display Name	NIC VLAN Capable
Description	Indicates Platform support for VLAN in Dedicated and/or Shared
Legal Values	• None - 0 • Dedicated - 1 • SharedLOM - 2 • Both - 3
Default Value	3
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.NvidiaGPUBaseboardMgtEnable (Read Only)

Display Name	Nvidia GPU Baseboard Management Enable
Description	Enable or disable NVIDIA GPU baseboard management
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.PDBPresence (Read Only)

Display Name	PDBPresence
Description	Indicates PDB Presence
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.PMBUSCapablePSU (Read Only)

Display Name	PMBUS Capable PSU
Description	Indicates PMBUS PSU Capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.PowerBudgetCapable (Read Only)

Display Name	Power Budget Capable
Description	Indicates hardware is Power Budgetcapable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.PowerMonitoringCapable (Read Only)

Display Name	Power Monitoring Capable
Description	Indicates hardware is Power Monitoring capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.SDPMCapable (Read Only)

Display Name	SDPM Capable
Description	Indicates whether the system is capable to support Software Defined Persistent Memory.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.SerialDB9PCapable (Read Only)

Display Name	Serial DB9 Capable
Description	Indicates if hardware is Serial DB9 Capable.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.ServerAllocationCapable (Read Only)

Display Name	Server Allocation Capable
Description	Indicates whether the ServerAllocation field in HW inventory is used or not.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.SharedStorageCapable (Read Only)

Display Name	Shared Storage Capable
Description	Indicates whether Platform is capable of supporting shared storage
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.SystemCurrentCapCapable (Read Only)

Display Name	SystemCurrentCapCapable
Description	Grid current cap capability
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PlatformCapability.Telco-EdgeCapable (Read Only)

Display Name	Telco-Edge Capable
Description	Telco-Edge features supported or not
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.UserPowerCapBoundCapable (Read Only)

Display Name	User Power cap Boundary Capable
Description	Indicated User Power Cap boundary Capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.UserPowerCapCapable (Read Only)

Display Name	User Power Cap Capable
Description	Indicates User Power cap Capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.WiFiCapable (Read Only)

Display Name	WiFi Capable
Description	Indicates hardware is WiFi capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.WitnessCapable (Read Only)

Display Name	Witness Capable
Description	Witness Sled supported or not
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.PlatformCapability.thermalmanagedbyparent (Read Only)

Display Name	thermal managed by parent
Description	Gives info on whether it is Self Powered or Powered By Chassis
Legal Values	• SelfPowered - 0 • PoweredByChassis - 1 • Unknown - 255
Default Value	255
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.PlatformCapability.vFlashCapable (Read Only)

Display Name	vFlash Capable
Description	Indicates hardware is vFlash capable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.RFS.AttachMode (Read or Write)

Display Name	Media Attach Mode
Description	RFS Media attach mode
Legal Values	• Detached - 0 • Attached - 1 • Auto Attach - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.Enable (Read or Write)

Display Name	Enable
Description	RFS Enable State
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.IgnoreCertWarning (Read or Write)

Display Name	Ignore Certificate Warning
Description	Ignore certificate warning message
Legal Values	• No - 0 • Yes - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None

Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.Image (Read or Write)

Display Name	iDRAC Remote File Share Image Path
Description	RFS Image path
Legal Values	String of up to 511 ASCII characters.
Default Value	None
Write Privilege	Server Control and Configuration
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.MediaAttachState (Read Only)

Display Name	Media Attach State
Description	RFS Media attach state
Legal Values	• Detached - 0 • Attached - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.Password (Read or Write)

Display Name	Remote File Share Password
Description	Specifies the remote file share password.
Legal Values	String of up to 255 ASCII characters.

Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.Status (Read or Write)

Display Name	Status
Description	RFS connection status
Legal Values	• Done - 0 • Pending - 1 • Error - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.User (Read or Write)

Display Name	Remote File Share User
Description	Specifies the remote file share user.
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RFS.WriteProtected (Read or Write)

Display Name	iDRAC Remote File Share Write protected
Description	RFS Write Protection
Legal Values	• Read Only - 0 • Read Write - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	• To perform the complete workflow for RFS and set attributes, refer to remoteimage. • RFS now supports two instances, use iDRAC.RFS.1 and iDRAC.RFS.2 to reference the first and second instance respectively.

iDRAC.RSASecurID2FA.RSASecurIDAccessKey (Read or Write)

Display Name	RSA SecurID Authentication Access IDRSA SecurID Authentication Access Key
Description	Displays the RSA Authentication Key
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.RSASecurID2FA.RSASecurIDAuthenticationServer (Read or Write)

Display Name	RSA SecurID Authentication Server
Description	Displays the RSA Authentication server URL
Legal Values	String of up to 2048 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.RSASecurID2FA.RSASecurIDClientID (Read or Write)

Display Name	RSA SecurID Authentication Client ID
Description	Displays the RSA Authentication Key
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Racadm.Enable (Read or Write)

Display Name	Remote Racadm Enable
Description	Enables or disables the Remote Racadm interface.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Racadm.MaxSessions (Read Only)

Display Name	Remote Racadm Maximum Sessions
Description	Specifies the maximum number of active Remote Racadm sessions allowed.
Legal Values	Integer values from 0 to 8.
Default Value	2
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Racadm.Timeout (Read or Write)

Display Name	Remote Racadm Timeout
Description	Defines the idle timeout in seconds of the Remote Racadm interface.

Legal Values	Integer values from 10 to 1920.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Redfish.BasicAuthState (Read or Write)

Display Name	Basic Auth State
Description	Indicates the current Basic Auth state for Redfish.
Legal Values	• Unadvertised - 0 • Enabled - 1 • Disabled - 2
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.Redfish.Enable (Read or Write)

Display Name	Enable
Description	Redfish Enable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Redfish.NumericDynamicSegmentsEnable (Read or Write)

Display Name	NumericDynamicSegmentsEnable
Description	Set this attribute to Enabled to enable the Numeric Dynamic Segments feature. Default is Disabled.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0

Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.Redfish.iDRACRebootInProgress (Read Only)

Display Name	iDRAC Reboot in progress
Description	To check for iDRAC reboot status
Legal Values	• False - 0 • True - 1
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.RedfishEventing.DeliveryRetryAttempts (Read or Write)

Display Name	Delivery Retry Attempts
Description	This is the number of attempts an event posting is retried before the subscription is terminated.
Legal Values	Integer values from 0 to 5.
Default Value	3
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.RedfishEventing.DeliveryRetryIntervalInSeconds (Read or Write)

Display Name	Delivery Retry Interval In Seconds
Description	This represents the number of seconds between retry attempts for sending any given Event.
Legal Values	Integer values from 5 to 60.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.RedfishEventing.EventEnable (Read or Write)

Display Name	Enable Redfish Eventing
Description	Indicates if Redfish Eventing is enabled or disabled on iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.RedfishEventing.IgnoreCertificateErrors (Read or Write)

Display Name	Ignore Certificate Errors
Description	To ignore any SSL certificate warnings that may arise during SSL handshake with Event Listener.
Legal Values	• No - 0 • Yes - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.ConnectionEncryption (Read or Write)

Display Name	Connection Encryption
Description	Specifies how encryption on the connection to the SMTP server will be configured.
Legal Values	• None - 0 • SSL/TLS - 1 • STARTTLS - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.RemoteHosts.MessageSubjectPrefix (Read or Write)

Display Name	Message Subject Prefix
Description	Specifies a custom message subject prefix for email alert messages.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.SMTPAuthentication (Read or Write)

Display Name	SMTP Authentication
Description	Enable SMTP Authentication
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.SMTPPassword (Read or Write)

Display Name	SMTP Password
Description	SMTP Password
Legal Values	String of up to 50 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.SMTPPort (Read or Write)

Display Name	SMTP Port

Description	Specifies the SMTP Port
Legal Values	Integer values from 1 to 65535.
Default Value	25
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.SMTPServerIPAddress (Read or Write)

Display Name	SMTP Server IP Address
Description	Address of the network SMTP server
Legal Values	String of up to 254 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.SMTPUserName (Read or Write)

Display Name	SMTP UserName
Description	SMTP User Name
Legal Values	String of up to 50 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.RemoteHosts.SenderEmail (Read or Write)

Display Name	Sender Email Address
Description	Specifies the address of emails sent by iDRAC
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License

Dependency	None
Is Platform Dependent	No

iDRAC.SCEP.CA-URL (Read or Write)

Display Name	Certificate Authority URL
Description	Specifies the URL of the Certificate Authority.
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.SCEP.ChallengePassword (Read or Write)

Display Name	Challenge Password
Description	Specifies the challenge password for the Certificate Authority.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.SCEP.Enable (Read or Write)

Display Name	Enable
Description	Enables or disables Simple Certificate Enrollment.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	SCEP CA-URL must be configured before SCEP can be enabled.
Is Platform Dependent	No

iDRAC.SCEP.EnrollmentAction (Read or Write)

Display Name	Enrollment Action
Description	Enrollment Actions
Legal Values	• Halt - 0 • Monitor - 1 • Enroll - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.SCEP.EnrollmentStatus (Read Only)

Display Name	Enrollment Status
Description	Provides the enrollment status.
Legal Values	• None - 0 • Enrolling - 1 • Enrolled - 2 • Error - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.SCV.CertificateVersion (Read Only)

Display Name	Certificate Version
Description	Specifies the certificate version. Introduced to capture the SCV certificate version which is a Profile version
Legal Values	String of up to 12 ASCII characters.
Default Value	NA
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SCV.FirmwareCertificateVersion (Read Only)

Display Name	Firmware Certificate Version
Description	Specifies the certificate version. Introduced to capture the SCV firmware certificate version.
Legal Values	String of up to 12 ASCII characters.
Default Value	NA
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.AutoSecure (Read or Write)

Display Name	Auto Secure Security Capable Drives
Description	Indicates if iDRAC will auto secure all security capable drives.
Legal Values	• Disabled - 1 • Enabled - 2
Default Value	2
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.IPAddressInCertificate (Read or Write)

Display Name	IP Address In Certificate
Description	Indicates if use of iDRAC IP address in SEKM SSL Certificate is enabled or disabled.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KMSKeyPurgePolicy (Read or Write)

Display Name	KMS Key Purge Policy
Description	Attribute that specifies if iDRAC should delete old keys on the Key Management Server every time iDRAC generates a new key to rekey security capable devices.

Legal Values	• Keep All Keys - 1 • Keep N and N-1 keys - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KeyAlgorithm (Read or Write)

Display Name	Key Algorithm
Description	Indicates the key algorithm to be used by iDRAC when requesting the Key Management Server to generate a key.
Legal Values	• AES-256 - 1
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KeyCachingPolicy (Read or Write)

Display Name	Key Caching Policy
Description	Indicates if iDRAC will cache the SEKM key in volatile memory.
Legal Values	• No Caching - 1 • Cache in Volatile Memory - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KeyCachingStatus (Read Only)

Display Name	Key Caching Status
Description	Indicates the current status of the key caching policy on iDRAC.
Legal Values	• Key Not Cached - 1 • Key cached in Volatile Memory - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration

License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KeyCreationPolicy (Read Only)

Display Name	Key Creation Policy
Description	Attribute that specifies the number of keys iDRAC should generate to secure storage devices on a system.
Legal Values	• Key per iDRAC - 1
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KeyIdentifierN (Read Only)

Display Name	Key Identifier N
Description	Attribute that specifies the current key identifier of the authentication key used to secure storage devices on the server when iDRAC is in single key mode.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.KeyIdentifierNMinusOne (Read Only)

Display Name	Key Identifier NMinusOne
Description	Attribute that specifies the previous key identifier of the authentication key used to secure storage devices on the server when iDRAC is in single key mode.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.RekeyMode (Read Only)

Display Name	Rekey Mode
Description	To check or update for iDRAC Rekey Mode
Legal Values	• Manual Rekey - 1 • Scheduled Rekey - 2 • Periodic Sync with KMS - 3
Default Value	1
Write Privilege	Configure iDRAC
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.SEKMStatus (Read Only)

Display Name	SEKM Status
Description	Indicates if SEKM is enabled or disabled on iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1 • Failed - 2 • Unverified Changes Exist - 3
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.SecurityMode (Read Only)

Display Name	Current Security Mode
Description	Indicates iDRAC LKM status
Legal Values	• None - 1 • iLKM - 2 • SEKM - 3
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.SupportStatus (Read Only)

Display Name	SEKM Support Status
Description	Indicates the status of the SEKM setup on iDRAC.
Legal Values	• Unknown - 0 • NotInstalled - 1 • Installed - 2 • NoLicense - 3 • LicenseOnly - 4
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.VossSdpmReducedRebootSupport (Read Only)

Display Name	Voss Sdpm Support with Reduced Reboot
Description	Allows performing Cryptographic Erase on Secured SDPM Drive as a RealTime Job
Legal Values	• Supported - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM.iLKMStatus (Read or Write)

Display Name	iDRAC Local Key Management Status
Description	Indicates iDRAC LKM status
Legal Values	• Disabled - 1 • Enabled - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM-LKC.KMSConnectionTimeout (Read or Write)

Display Name	KMS Connection Timeout
Description	Time interval since the first KMS connection failure for which the key is considered valid on iDRAC - after this time interval iDRAC purges the authentication key
Legal Values	Integer values from 1 to 48.
Default Value	24
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Found
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM-LKC.KMSHeartbeatInterval (Read or Write)

Display Name	KMS Heartbeat Interval
Description	Time interval at which iDRAC sends a heartbeat to the external KMS
Legal Values	Integer values from 1 to 24.
Default Value	4
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Found
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM-LKC.KMSValidationFailurePolicy (Read or Write)

Display Name	KMS Validation Failure Policy
Description	This determines if iDRAC should use stored key in cases where KMS is reachable but iDRAC cannot get the key from the KMS (for ex:. authentication issues/key not present)
Legal Values	• Do not use the cached key - 1 • Use the cached key - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Found
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM-LKC.KeyCachingPolicy (Read or Write)

Display Name	Key Caching Policy

Description	Indicates the key caching policy on iDRAC
Legal Values	• No Caching - 1 • Cache in non-volatile memory - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Found
Dependency	None
Is Platform Dependent	No

iDRAC.SEKM-LKC.KeyCachingStatus (Read Only)

Display Name	Key Caching Status
Description	Indicates the current key caching status on iDRAC
Legal Values	• Key Not Cached - 1 • Key Cached in non-volatile memory - 2
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Found
Dependency	None
Is Platform Dependent	No

iDRAC.SEKMCert.CertificateStatus (Read Only)

Display Name	SEKM Certificate Status
Description	Specifies the SEKM CSR Certificate Status.
Legal Values	• NOT_PENDING - 0 • REQUEST_IN_PROGRESS - 1 • PENDING - 2 • FAILED - 3
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: • Regenerate CSR • Get it signed on the key management server • Reupload to iDRAC

iDRAC.SEKMCert.CommonName (Read or Write)

Display Name	SEKM CSR Common Name
Description	Specifies the SEKM CSR Common Name (CN) - must be a UserId as given in the certificate if the Key Management Server is setup to use CN for user id.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.CountryCode (Read or Write)

Display Name	SEKM CSR Country Code
Description	Specifies the SEKM CSR Country Code (CC).
Legal Values	String of up to 2 ASCII characters.
Default Value	US
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.EmailAddress (Read or Write)

Display Name	SEKM CSR Email Address
Description	Specifies the SEKM CSR Email Address.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None

Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.LocalityName (Read or Write)

Display Name	SEKM CSR Locality Name
Description	Specifies the SEKM CSR Locality Name (L).
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.OrganizationName (Read or Write)

Display Name	SEKM CSR Organization Name
Description	Specifies the SEKM CSR Organization Name (O).
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.OrganizationUnit (Read or Write)

Display Name	SEKM CSR Organization Unit

Description	Specifies the SEKM CSR Organization Unit (OU) - must be a UserId as given in the certificate if the Key Management Server is setup to use OU for user id.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.StateName (Read or Write)

Display Name	SEKM CSR State Name
Description	Specifies the SEKM CSR State Name (S).
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMCert.SubjectAltName (Read or Write)

Display Name	SEKM CSR Subject Alternate Name
Description	Specifies the SEKM CSR Subject Alternate Name.
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to:

- Regenerate CSR
- Get it signed on the key management server
- Reupload to iDRAC

iDRAC.SEKMCert.UserId (Read or Write)

Display Name	SEKM CSR iDRAC User Id
Description	Specifies the SEKM CSR UserId. This is the user name that represents iDRAC on the Key Management Server. Specify this if the user name in client certificate is set to UID.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	SEKM License
Dependency	None
Is Platform Dependent	No
Notes	If you have a signed SSL SEKM cert that is already uploaded, and if you change iDRAC SEKM cert attributes, you have to: ● Regenerate CSR ● Get it signed on the key management server ● Reupload to iDRAC

iDRAC.SEKMServices.BOSSStatus (Read Only)

Display Name	Status of BOSS SEKM Service
Description	Indicates if BOSS is ready for SEKM Configuration.
Legal Values	● Not Supported - 0 ● Not Ready - 1 ● Ready - 2
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SEKMServices.HBAStatus (Read Only)

Display Name	Status of HBA SEKM Service
Description	Indicates if HBA is ready for SEKM Configuration.
Legal Values	● Not Supported - 0 ● Not Ready - 1 ● Ready - 2
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SEKMServices.NVMeStatus (Read Only)

Display Name	Status of NVMe SEKM Service
Description	Indicates if NVMe is ready for SEKM Configuration.
Legal Values	• Not Supported - 0 • Not Ready - 1 • Ready - 2
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SEKMServices.OverallStatus (Read Only)

Display Name	OverallStatus of SEKM Services
Description	Indicates if all SEKM services are ready for Configuration.
Legal Values	• Not Ready - 0 • Ready - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SEKMServices.PERCStatus (Read Only)

Display Name	Status of PERC SEKM Service
Description	Indicates if PERC is ready for SEKM Configuration.
Legal Values	• Not Supported - 0 • Not Ready - 1 • Ready - 2
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.SEKMServices.VOSSStatus (Read Only)

Display Name	Status of VOSS SEKM Service
Description	Indicates if VOSS drive is ready for SEKM Configuration.
Legal Values	• Not Supported - 0 • Not Ready - 1 • Ready - 2
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.AgentCommunity (Read or Write)

Display Name	SNMP Agent Community
Description	Specifies the SNMP community name to be used for SNMP Agents
Legal Values	String of up to 31 ASCII characters.
Default Value	public
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.AgentEnable (Read or Write)

Display Name	SNMP Agent Enable
Description	Enables or Disables the SNMP Agent on the iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.AlertPort (Read or Write)

Display Name	Alert Port
Description	Specifies the SNMP Alert Port
Legal Values	Integer values from 1 to 65535.
Default Value	162
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.CustomEngineID (Read or Write)

Display Name	CustomEngineID
Description	UserEngineID User given EngineID
Legal Values	String of up to 24 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.DiscoveryPort (Read or Write)

Display Name	Discovery Port
Description	Specifies the SNMP Discovery Port
Legal Values	Integer values from 1 to 65535.
Default Value	161
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	The port number to be set can not be the same as any other services port number.
Is Platform Dependent	No

iDRAC.SNMP.EngineID (Read Only)

Display Name	SNMP V3 Engine ID
Description	Specifies SNMP V3 Engine ID to be used to receive the SNMP v3 Trap
Legal Values	String of up to 60 ASCII characters.
Default Value	0x800002A204010203040506070809

Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.SNMPProtocol (Read or Write)

Display Name	SNMP Protocol
Description	SNMP Protocol
Legal Values	• All - 0 • SNMPv3 - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.SysContact (Read or Write)

Display Name	SNMP SysContact
Description	Specifies the contact of system.
Legal Values	String of up to 255 ASCII characters.
Default Value	support@dell.com
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SNMP.TrapFormat (Read or Write)

Display Name	SNMP Trap Format
Description	SNMP Trap Format
Legal Values	• SNMPv1 - 0 • SNMPv2 - 1 • SNMPv3 - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.SNMPAlert.Destination (Read or Write)

Display Name	Alert Destination
Description	Specifies the IPv4, IPv6, FQDN address, or hostname of the target destination to receive alerts. Must be valid IPv4, IPv6, FQDN address, or hostname.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPAlert.SNMPv3UserID (Read Only)

Display Name	SNMP V3 User Index
Description	Indicates the index of the iDRAC user that this SNMP alert destination has been configured to use when sending SNMP v3 traps.
Legal Values	Integer values from 0 to 16.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPAlert.SNMPv3Username (Read or Write)

Display Name	SNMP V3 User Name
Description	Specifies the name of the iDRAC user that this SNMP alert destination is configured to use when sending SNMP v3 traps.
Legal Values	String of up to 16 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	Value to be set must be an existing iDRAC user name, and that iDRAC user must be enabled with SNMPv3 support also enabled for that user.
Is Platform Dependent	No

iDRAC.SNMPAlert.State (Read or Write)

Display Name	State
Description	Enable SNMP Alert State
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPTrapIPv4.DestIPv4Addr (Read or Write)

Display Name	Destination IPv4 Address
Description	See SNMPAlert.1-4.Destination
Legal Values	String of up to 15 ASCII characters.
Default Value	0.0.0.0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPTrapIPv4.DestinationNum (Read Only)

Display Name	Destination Number
Description	idrac.embedded.1#
Legal Values	Integer values from 1 to 4.
Default Value	1
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPTrapIPv4.State (Read or Write)

Display Name	State
Description	See SNMPAlert.1-4.Enable
Legal Values	• Disabled - 0

	• Enabled - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPTrapIPv6.DestIPv6Addr (Read or Write)

Display Name	Destination IPv6 Address
Description	See SNMPAlert.5-8.Destination
Legal Values	String of up to 39 ASCII characters.
Default Value	::
Write Privilege	Server Control and Configuration
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPTrapIPv6.DestinationNum (Read Only)

Display Name	Destination Number
Description	Identifier number for the trap destination.
Legal Values	Integer values from 1 to 4.
Default Value	1
Write Privilege	Server Control and Configuration
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SNMPTrapIPv6.State (Read or Write)

Display Name	State
Description	See SNMPAlert.5-8.Enable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Express License
Dependency	None

Is Platform Dependent	No

iDRAC.SPDM.DeviceList (Read or Write)

Display Name	DeviceList
Description	Device List for allow list/ deny list based on ListType
Legal Values	String of up to 4000 ASCII characters.
Default Value	1000:00A5:1028:2114,1000:00A5:1028:2115,1000:00A5:1028:2117,1000:00A5:1028:213A,1000:00A5:1028:213B,100
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	These attributes are only available if you have SPDM supported devices installed.

iDRAC.SPDM.Enable (Read or Write)

Display Name	Enable
Description	SPDM feature enable status
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	These attributes are only available if you have SPDM supported devices installed.

iDRAC.SPDM.ListType (Read or Write)

Display Name	ListType
Description	List type for DeviceList attribute
Legal Values	• Allowlist - 0 • Denylist - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	These attributes are only available if you have SPDM supported devices installed.

iDRAC.SSH.Banner (Read or Write)

Display Name	SSH Banner
Description	Custom banner message showed in iDRAC SSH login prompt
Legal Values	String of up to 2048 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SSH.Enable (Read or Write)

Display Name	SSH Enable
Description	Enables or Disables SSH
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SSH.MaxSessions (Read Only)

Display Name	SSH Maximum Sessions
Description	Maximum number of SSH sessions allowed
Legal Values	Integer values from 1 to 4.
Default Value	4
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SSH.Port (Read or Write)

Display Name	SSH Port
Description	Specifies the port number for the iDRAC SSH interface
Legal Values	Integer values from 1 to 65535.

Default Value	22
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	The port number to be set can not be the same as any other services port number.
Is Platform Dependent	No

iDRAC.SSH.RotateHostKeyRequested (Read or Write)

Display Name	SSH Rotate Host Key
Description	Regenerate SSH Host key on iDRAC
Legal Values	• False - 0 • True - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SSH.Timeout (Read or Write)

Display Name	SSH Idle Timeout
Description	Defines the secure shell idle timeout. The special value 0 disables the timeout.
Legal Values	Integer values from 60 to 10800.
Default Value	1800
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.SSHCrypto.Ciphers (Read or Write)

Display Name	Ciphers
Description	Specifies the SSH ciphers.
Legal Values	String of up to 1024 ASCII characters.
Default Value	chacha20-poly1305@openssh.com,aes128-ctr,aes192-ctr,aes256-ctr,aes128-gcm@openssh.com,aes256-gcm@openssh.com
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.SSHCrypto.HostKeyAlgorithms (Read or Write)

Display Name	Host Key Algorithms
Description	Specifies the SSH host key algorithms.
Legal Values	String of up to 1024 ASCII characters.
Default Value	rsa-sha2-512,rsa-sha2-256,ecdsa-sha2-nistp256,ssh-ed25519
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SSHCrypto.KexAlgorithms (Read or Write)

Display Name	Key Exchange Algorithms
Description	Specifies the SSH key exchange algorithms.
Legal Values	String of up to 1024 ASCII characters.
Default Value	curve25519-sha256,curve25519-sha256@libssh.org,ecdh-sha2-nistp256,ecdh-sha2-nistp384,ecdh-sha2-nistp521
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SSHCrypto.MACs (Read or Write)

Display Name	MACs
Description	Specifies the SSH MACs.
Legal Values	String of up to 1024 ASCII characters.
Default Value	umac-128-etm@openssh.com,hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,umac-128@openssh.com,hmac-sha2-256,hmac-sha2-512
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecureDefaultPassword.ForceChangePassword (Read or Write)

Display Name	Force Change Password
Description	Force change of password if default password is still in effect.
Legal Values	• False - 0 • True - 1
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrCommonName (Read or Write)

Display Name	CSR Common Name
Description	Specifies the CSR Common Name (CN) being certified (usually the web servers Fully Qualified Domain Name (FQDN).
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrCountryCode (Read or Write)

Display Name	CSR Country Code
Description	Specifies the CSR Country Code (CC).
Legal Values	String of up to 2 ASCII characters.
Default Value	US
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrEmailAddr (Read or Write)

Display Name	CSR Email Address

Description	Specifies the CSR email address.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrKeySize (Read or Write)

Display Name	CSR Key Size
Description	Specifies the SSL asymmetric key size for the CSRs.
Legal Values	• 2048 - 2048 • 4096 - 4096
Default Value	2048
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrLocalityName (Read or Write)

Display Name	CSR Locality Name
Description	Specifies the CSR Locality (L).
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrOrganizationName (Read or Write)

Display Name	CSR Organization Name
Description	Specifies the CSR Organization Name (O)
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrOrganizationUnit (Read or Write)

Display Name	CSR Organization Unit
Description	Specifies the CSR Organization Unit (OU)
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrStateName (Read or Write)

Display Name	CSR State Name
Description	Specifies the CSR State Name (S).
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.CsrSubjectAltName (Read or Write)

Display Name	CSR Subject Alternate Name
Description	Specifies the CSR Subject Alternative Name
Legal Values	String of up to 2048 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.FIPSMode (Read or Write)

Display Name	FIPS Mode
Description	Enables or Disables the FIPS mode compliance. Enabling FIPS mode resets iDRAC configuration to factory defaults.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.FIPSVersion (Read Only)

Display Name	FIPS Version
Description	FIPS canister version.
Legal Values	String of up to 40 ASCII characters.
Default Value	OpenSSL FIPS Provider v3.1.2
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.IPMIBootstrapCredentialProvisioning (Read or Write)

Display Name	IPMI Bootstrap Credential Provisioning
Description	Enable or Disable IPMI Bootstrap Credential provisioning
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.Security.MaxIPMIBootstrapCredentialAccounts (Read Only)

Display Name	Max IPMI Bootstrap Credential Accounts
Description	Max Number Of Allowed IPMI Bootstrap Credential Accounts
Legal Values	Integer values from 1 to 10.
Default Value	2
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.MinimumPasswordScore (Read or Write)

Display Name	Minimum Score
Description	Password must have this minimum strength score.
Legal Values	• No Protection - 0 • Weak Protection - 1 • Moderate Protection - 2 • Strong Protection - 3
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Security.PasswordMinimumLength (Read or Write)

Display Name	Minimum Length
Description	Password must be a minimum of the specified characters.
Legal Values	Integer values from 0 to 20.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Property will be ignored if PasswordRequireRegex is not blank.
Is Platform Dependent	No

iDRAC.Security.PasswordRequireNumbers (Read or Write)

Display Name	Numbers
Description	Password must include at least 1 Numeric character
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Property will be ignored if PasswordRequireRegex is not blank.
Is Platform Dependent	No

iDRAC.Security.PasswordRequireRegex (Read or Write)

Display Name	Regex
Description	Password must pass this Regular Expression.
Legal Values	String of up to 100 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Property will override other policies except for MinimumPasswordScore
Is Platform Dependent	No

iDRAC.Security.PasswordRequireSymbols (Read or Write)

Display Name	Symbols
Description	Password must include at least 1 Symbolic character
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Property will be ignored if PasswordRequireRegex is not blank.
Is Platform Dependent	No

iDRAC.Security.PasswordRequireUpperCase (Read or Write)

Display Name	Upper Case Letters

Description	Password must include at least 1 Upper Case Letter
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Property will be ignored if PasswordRequireRegex is not blank.
Is Platform Dependent	No

iDRAC.Security.ReservedAccountUserEnable (Read or Write)

Display Name	Reserved Account User Enable
Description	Enable or disable the Reserved Account user feature.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	This attribute is only available when a supported .pm file is installed.

iDRAC.Security.ReservedAccountUserID (Read or Write)

Display Name	Reserved Account User ID
Description	The user id of the Reserved Account User. Valid user id 3..16 or 0 for none.
Legal Values	Integer values from 0 to 16.
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	This attribute is only available when a supported .pm file is installed.

iDRAC.SecurityCertificate.CertValidFrom (Read Only)

Display Name	Cert Valid From
Description	Specifies the earliest time and date on which the certificate is valid.

Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.CertValidTo (Read Only)

Display Name	Cert Valid To
Description	Specifies the time and date past which the certificate is no longer valid.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.CertificateInstance (Read Only)

Display Name	Certificate Instance
Description	Represents the instance of that type of certificate.
Legal Values	Integer values from 1 to 16.
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.CertificateType (Read Only)

Display Name	Certificate Type
Description	Specifies the type of certificate.
Legal Values	• WEBSERVER_SSL - 1 • LDAP_CA - 2 • CUSTOM_SIGNING_CERT - 3 • CLIENT_TRUST_CERT - 4 • FACTORY_IDENTITY_CERT - 5 • SEKM_SSL_CERT - 6 • KMS_SERVER_CA - 7 • RSYSLOG_SERVER_CA - 8

- BIOS_HTTPS_BOOT_CERT - 9
- SMARTCARD_USER - 10
- SMARTCARD_CA - 11
- RSA_CA - 12
- SCEP_CA - 13
- SCV_INVENTORY_CERT - 14
- DEL_AUTH_HTTPS - 15
- REMOTE_SYSLOG_CLIENT - 17
- REMOTE_SYSLOG_SERVER - 18
- IEEE802_CLIENT_CERT - 21
- IEEE802_SERVER_CA_CERT - 22
- IEEE802_CUSTOM_SIGNING_CERT - 24
- TPM_IDEVID - 25
- TPM_IAK - 26
- TPM_EK_ECC - 27
- TPM_EK_RSA - 28
- SCV_FW_INVENTORY - 31

Default Value	6
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.ExpiryState (Read Only)

Display Name	Expiry State
Description	Expiry State
Legal Values	• Valid - 0 • AboutToExpire - 1 • Expired - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.IssuerCommonName (Read Only)

Display Name	Issuer Common Name
Description	Specifies the common name of the entity that verified the information and signed the certificate.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.SecurityCertificate.IssuerCountryCode (Read Only)

Display Name	Issuer Country Code
Description	Specifies the country code of the entity that verified the information and signed the certificate.
Legal Values	String of up to 2 ASCII characters.
Default Value	US
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.IssuerLocality (Read Only)

Display Name	Issuer Locality
Description	Specifies the locality of the entity that verified the information and signed the certificate.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.IssuerOrganization (Read Only)

Display Name	Issuer Organization
Description	Specifies the organization of the entity that verified the information and signed the certificate.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.IssuerOrganizationalUnit (Read Only)

Display Name	Issuer Organizational Unit
Description	Specifies the organizational unit of the entity that verified the information and signed the certificate.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.IssuerState (Read Only)

Display Name	Issuer State
Description	Specifies the state name of the entity that verified the information and signed the certificate.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.SerialNumber (Read Only)

Display Name	Serial Number
Description	Specifies a unique number to identify the certificate.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.SubjectCommonName (Read Only)

Display Name	Subject Common Name

Description	Specifies the common name of the entity a certificate belongs to.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.SubjectCountryCode (Read Only)

Display Name	Subject Country Code
Description	Specifies the country code of the entity a certificate belongs to.
Legal Values	String of up to 2 ASCII characters.
Default Value	US
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.SubjectLocality (Read Only)

Display Name	Subject Locality
Description	Specifies the locality of the entity a certificate belongs to.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.SubjectOrganization (Read Only)

Display Name	Subject Organization
Description	Specifies the organization of the entity a certificate belongs to.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.SecurityCertificate.SubjectOrganizationalUnit (Read Only)

Display Name	Subject Organizational Unit
Description	Specifies the organizational unit of the entity a certificate belongs to.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SecurityCertificate.SubjectState (Read Only)

Display Name	Subject State
Description	Specifies the state of the entity a certificate belongs to.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Serial.BaudRate (Read or Write)

Display Name	Serial Baud Rate
Description	Sets the Baud rate on the iDRAC serial port
Legal Values	• 9600 - 9600 • 19200 - 19200 • 57600 - 57600 • 115200 - 115200
Default Value	57600
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.Serial.Command (Read or Write)

Display Name	Serial Console Command
Description	Specifies a serial command that is executed after the user logs into the serial console interface
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.Serial.Enable (Read or Write)

Display Name	Serial Console Enable
Description	Enables or Disables the iDRAC serial console interface
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.Serial.FlowControl (Read or Write)

Display Name	Serial Flow Control
Description	RAC Serial Flow Control
Legal Values	• None - 0 • RTS/CTS - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.Serial.HistorySize (Read or Write)

Display Name	Serial History Size
Description	Specifies the maximum size of the serial history buffer
Legal Values	Integer values from 0 to 8192.
Default Value	8192
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.Serial.IdleTimeout (Read or Write)

Display Name	Serial Console Idle Timeout
Description	The maximum number of seconds to wait before an idle serial console session is disconnected. The special value 0 disables the timeout.
Legal Values	Integer values from 60 to 1920.
Default Value	300
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.Serial.NoAuth (Read or Write)

Display Name	Serial Console No Authentication
Description	Enables or Disables iDRAC serial console login authentication
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	This group will only be available if a physical DB9 serial port is present in the server.

iDRAC.SerialCapture.Enable (Read or Write)

Display Name	Serial Capture Enable
Description	Enables or disables serial data capture operation.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.SerialCapture.SerialDataSize (Read Only)

Display Name	Serial Data Size
Description	Specifies the size of the serial data captured.
Legal Values	Integer values from 0 to 524288.
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.SerialRedirection.Enable (Read or Write)

Display Name	Serial Communication Redirection Enable
Description	Enables or Disables the console for COM2 port redirection
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	This is supported only for rack and tower systems.

iDRAC.SerialRedirection.QuitKey (Read or Write)

Display Name	Serial Console Quit Key

Description	This key or key combination terminates the Virtual Console when using the console COM2 command. The valid quitkey should start with ^ and has to end with any of the following characters: a-zA-Z[]\^_ (i.e. letter or one of 5 special characters).
Legal Values	String of up to 2 ASCII characters.
Default Value	^\
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	This is supported only for rack and tower systems.

iDRAC.ServerBoot.BootOnce (Read or Write)

Display Name	Boot Once
Description	Enable Boot Once
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServerBoot.FirstBootDevice (Read or Write)

Display Name	First Boot Device
Description	Specify the First Boot Device.
Legal Values	String of up to 64 ASCII characters.
Default Value	Normal
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.ChipsetSATASupported (Read or Write)

Display Name	SMART Monitoring of Chipset SATA
Description	Monitors SMART attributes of devices behind chipset SATA controller and audits appropriately in Lifecycle Log.

Legal Values	• Disabled - 0 • Enabled - 1 • NA - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.EnableOSMetricInjection (Read or Write)

Display Name	Enable OS Metrics to inject from the host OS to iDRAC
Description	Enable OS Metric Injection from host OS to iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.HostSNMPAlert (Read or Write)

Display Name	Host SNMP Alert
Description	Host SNMP Alert
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.HostSNMPGet (Read or Write)

Display Name	Host SNMP Get
Description	Host SNMP Get
Legal Values	• Disabled - 0 • Enabled - 1

Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.HostSNMPOMSAAlert (Read or Write)

Display Name	iDRAC To OMSA SNMP Alert Mapping
Description	Maps the iDRAC LCL into OMSA SNMP traps.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	iDRAC.ServiceModule.HostSNMPAlert should be Enabled
Is Platform Dependent	No

iDRAC.ServiceModule.LCLReplication (Read or Write)

Display Name	LCL Replication
Description	Enable Lifecycle Log Replication
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	With OMSA presence automatically set to Disabled.
Is Platform Dependent	No

iDRAC.ServiceModule.OMSAPresence (Read Only)

Display Name	OMSA Presence
Description	Indicates if OMSA is present on the host or not.
Legal Values	• Not Present - 0 • Present - 1 • NA - 2
Default Value	2
Write Privilege	Configure iDRAC

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.OSInfo (Read or Write)

Display Name	Sharing OS information via service module
Description	Enable Sharing OS Information via service module
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	Provide OS information via iDRAC Service Module
Is Platform Dependent	No

iDRAC.ServiceModule.SSEventCorrelation (Read or Write)

Display Name	SDS Event Correlation
Description	Maps the Storage Spaces events on host OS onto Lifecycle Log.
Legal Values	• Disabled - 0 • Enabled - 1 • NA - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.ServiceModuleEnable (Read or Write)

Display Name	Service Module Enabled
Description	Enable Service Module
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.ServiceModule.ServiceModuleState (Read Only)

Display Name	ServiceModule service state on host
Description	Specifies the state of the service module on the system
Legal Values	• Not Running - 0 • Running - 1 • Not running (TLS error) - 2 • Running (Limited functionality) - 3
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.ServiceModuleVersion (Read Only)

Display Name	iDRAC Service Module Version
Description	Provides the installed version of iDRAC Service Module (iSM).
Legal Values	String of up to 256 ASCII characters.
Default Value	NA
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.SoftwareRAIDSupported (Read Only)

Display Name	Software RAID
Description	Enables or disables SWRAID feature on the host
Legal Values	• Disabled - 0 • Enabled - 1 • NA - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.WMIInfo (Read or Write)

Display Name	Populate WMI information via ServiceModule
Description	Populate WMI information via ServiceModule
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.ServiceModule.WatchdogRecoveryAction (Read or Write)

Display Name	Recovery action on watchdog alert
Description	Specifies the recovery action on watchdog alert
Legal Values	• None - 0 • Reboot - 1 • Poweroff - 2 • Powercycle - 3
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	The value cannot be set if WatchdogState is Disabled.
Is Platform Dependent	No

iDRAC.ServiceModule.WatchdogResetTime (Read or Write)

Display Name	System reset time on watchdog alert
Description	Specifies the System reset time on watchdog alert
Legal Values	Integer values from 60 to 720.
Default Value	480
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	The value cannot be set if WatchdogState is Disabled.
Is Platform Dependent	No

iDRAC.ServiceModule.WatchdogState (Read or Write)

Display Name	Watchdog timer via service module
Description	Enable watchdog timer via service module
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	The value will be disabled if OMSA is detected or OS Watchdog is enabled.
Is Platform Dependent	No

iDRAC.ServiceModule.iDRACHardReset (Read or Write)

Display Name	iDRAC Hard Reset
Description	ServiceModule Attribute for iDRAC reset
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Server Control and Configuration
License Required	Not Applicable
Dependency	iDRAC.ServiceModule.ServiceModuleEnable should be Enabled
Is Platform Dependent	No

iDRAC.ServiceModule.iDRACSSOLauncher (Read or Write)

Display Name	iDRAC SSO Launcher
Description	iDRAC SSO login via Host OS
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SmartCard.SmartCardCRLEnable (Read or Write)

Display Name	Smart Card CRL Enable
Description	Enables or disables the Certificate Revocation List (CRL).

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SmartCard.SmartCardLogonEnable (Read or Write)

Display Name	Smart Card Logon Enable
Description	Enables, disables, or enables with Remote RACADM support for access to iDRAC using a smart card
Legal Values	• Disabled - 0 • Enabled - 1 • Enabled With Racadm - 2
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SmartCard.SmartCardOCSPEnable (Read or Write)

Display Name	Smart Card OCSP Enable
Description	Enables or disables the Online Certificate Status Protocol (OCSP)
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.DefaultIPAddress (Read or Write)

Display Name	Default IP Address
Description	Default IP address for saving SupportAssist collections to network share.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.DefaultPassword (Read or Write)

Display Name	Default Password
Description	Default password for saving SupportAssist collections to network share.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.DefaultProtocol (Read or Write)

Display Name	Default Protocol
Description	Default protocol (NFS/CIFS Only) for saving SupportAssist collections.
Legal Values	• NFS - 1 • CIFS - 2 • HTTP - 3 • HTTPS - 4 • TFTP - 5 • FTP - 6
Default Value	2
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.DefaultProtocolPort (Read or Write)

Display Name	Default Protocol Port
Description	Default Protocol Port value
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.SupportAssist.DefaultShareName (Read or Write)

Display Name	Default Share Name
Description	Default share name for saving SupportAssist collections to network share.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.DefaultUserName (Read or Write)

Display Name	Default User Name
Description	Default user name for saving SupportAssist collections to network share.
Legal Values	String of up to 320 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.DefaultWorkgroupName (Read or Write)

Display Name	Default Workgroup Name
Description	Default workgroup name for saving SupportAssist collections to network share.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.EmailOptIn (Read Only)

Display Name	Email Opt In
Description	Option to receive E-mails from Dell on case creation and collection upload.
Legal Values	• No - 0 • Yes - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Registration ID needs to be obtained before Email option configuration
Is Platform Dependent	No

iDRAC.SupportAssist.EventBasedAutoCollection (Read Only)

Display Name	SupportAssist Event Based Auto Collection
Description	Indicates whether SupportAssist event based auto collection features is enabled on this system.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Can be enabled only when SupportAssistEnableState is configured to 1-Enabled
Is Platform Dependent	No

iDRAC.SupportAssist.FilterAutoCollections (Read Only)

Display Name	Filter Auto Collections
Description	Indicates whether auto collections need to be filtered for identification information.
Legal Values	• No - 0 • Yes - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.HostOSProxyAddress (Read Only)

Display Name	Host OS Proxy Address
Description	Host OS proxy address
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	HostOSProxyConfigured should be Yes-1
Is Platform Dependent	No

iDRAC.SupportAssist.HostOSProxyConfigured (Read Only)

Display Name	Host OS Proxy Configured
Description	Indicates whether Host OS uses proxy configuration to connect to Internet.
Legal Values	• No - 0 • Yes - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.HostOSProxyPassword (Read Only)

Display Name	Host OS Proxy Password
Description	Host OS proxy password
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	HostOSProxyConfigured should be Yes-1
Is Platform Dependent	No

iDRAC.SupportAssist.HostOSProxyPort (Read Only)

Display Name	Host OS Proxy Port
Description	Host OS proxy port
Legal Values	Integer values from 1 to 65535.

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	HostOSProxyConfigured should be Yes-1
Is Platform Dependent	No

iDRAC.SupportAssist.HostOSProxyUserName (Read Only)

Display Name	Host OS Proxy User Name
Description	Host OS proxy username
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	HostOSProxyConfigured should be Yes-1
Is Platform Dependent	No

iDRAC.SupportAssist.NativeOSLogsCollectionSupported (Read Only)

Display Name	Native OS Logs Collection Supported
Description	Indicates whether Host OS supports native OS logs collection.
Legal Values	• None - 0 • FullReport - 1 • FilteredReport - 2 • Both - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.PreferredLanguage (Read or Write)

Display Name	Preferred Language
Description	Preferred Language for E-mail communication from Dell
Legal Values	• English - 0 • German - 1 • French - 2 • Japanese - 3

	• Spanish - 4 • Simplified Chinese - 5
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Registration ID needs to be obtained before changing language settings.
Is Platform Dependent	No

iDRAC.SupportAssist.ProSupportPlusRecommendationsReport (Read Only)

Display Name	ProSupport Plus Recommendations Report
Description	Indicates whether this server will be included for recommendations in ProSupport Plus Recommendations Report
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	ScheduleBasedAutoCollection is Enabled and set to Weekly or Monthly Schedule
Is Platform Dependent	No

iDRAC.SupportAssist.RegistrationID (Read Only)

Display Name	SupportAssist Registration ID
Description	Specifies the SupportAssist Registration ID if the system was registered with Dell.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.RequestTechnicianForPartsDispatch (Read Only)

Display Name	Request Technician For Parts Dispatch
Description	Indicates whether onsite technician is required to replace the part that is being dispatched for the alert that is being monitored.

Legal Values	• No - 0 • Yes - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SupportAssist.SupportAssistEnableState (Read Only)

Display Name	SupportAssist Enable State
Description	Indicates whether SupportAssist auto collection features are enabled on this system.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	Registration ID needs to be obtained before SupportAssistEnabledState can be toggled.
Is Platform Dependent	No

iDRAC.SupportAssist.iDRACFirstPowerUpDateTime (Read Only)

Display Name	iDRAC First Power Up Date Time
Description	iDRACs First Power Up Date / Time
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SwitchConnectionView.Enable (Read or Write)

Display Name	Enable
Description	This Attribute is for Enabling/Disabling the Switch Connection View.
Legal Values	• Disabled - 0 • Enabled - 1

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.AcSysRecovery (Read or Write)

Display Name	AcSysRecovery
Description	Specifies what State the System will be after AC Recovery
Legal Values	String of up to 18 ASCII characters.
Default Value	003c003c0058020000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.BIOSStatus (Read or Write)

Display Name	BIOS Status
Description	Provides BIOS status.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.BladeSlotInfo (Read Only)

Display Name	Blade Slot Info
Description	Provides blade slot information.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.CMCIPv6Info (Read Only)

Display Name	CMC IPv6 Info
Description	Provides CMC IPv6 information.
Legal Values	String of up to 160 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.CMCIPv6Url (Read Only)

Display Name	CMC IPv6 URL
Description	Provides the CMC IPv6 URL.
Legal Values	String of up to 160 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.CMCInfo (Read Only)

Display Name	CMC Info
Description	Provides CMC information.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.CMCUrl (Read Only)

Display Name	CMC URL
Description	Provides the CMC URL.
Legal Values	String of up to 160 ASCII characters.
Default Value	None

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.FWVersion (Read or Write)

Display Name	BIOS Version
Description	String displays the current System BIOS Version Number
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.GUID (Read or Write)

Display Name	GUID
Description	Specifies the system GUID.
Legal Values	String of up to 34 ASCII characters.
Default Value	00000000000000000000000000000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.LocalConsoleLockOut (Read or Write)

Display Name	Local Console Lockout State
Description	Specifies the local console lockout state.
Legal Values	Integer values from 0 to 65535.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.POSTCode (Read Only)

Display Name	POST Code For System
Description	System POST Code.
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.POSTCodeTime (Read Only)

Display Name	POST Code Time
Description	Provides the System PostCode Time
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.RebrandInfo (Read or Write)

Display Name	Rebrand Info
Description	Provides rebrand information.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.SystemId (Read Only)

Display Name	System ID
Description	Provides the system ID.
Legal Values	String of up to 4 ASCII characters.
Default Value	None

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.SystemModel (Read Only)

Display Name	System Model
Description	Provides the system model.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysInfo.SystemRev (Read or Write)

Display Name	System Revision
Description	Provides the system revision.
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.Port (Read or Write)

Display Name	Sys Log Port
Description	Remote syslog port number
Legal Values	Integer values from 1 to 65535.
Default Value	514
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.PowerLogEnable (Read or Write)

Display Name	Power Log Enable
Description	Enable Power Logs
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.PowerLogInterval (Read or Write)

Display Name	Power Log Interval
Description	Set Power Log Interval
Legal Values	Integer values from 1 to 1440.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.Server1 (Read or Write)

Display Name	Sys Log Server 1
Description	Name of remote syslog server
Legal Values	String of up to 63 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.Server2 (Read or Write)

Display Name	Sys Log Server 2
Description	Name of remote syslog server
Legal Values	String of up to 63 ASCII characters.

Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.Server3 (Read or Write)

Display Name	Sys Log Server 3
Description	Name of remote syslog server
Legal Values	String of up to 63 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.SysLogEnable (Read or Write)

Display Name	Sys Log Enable
Description	Enables or disables remote syslog
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.secureclientauth (Read or Write)

Display Name	Secure Sys Log Client Auth Mode
Description	Secure remote syslog client authenication mode
Legal Values	• Anonymous - 0 • Certificate - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None

Is Platform Dependent	No

iDRAC.SysLog.secureport (Read or Write)

Display Name	Sys Log Secure Port
Description	Secure remote syslog port number
Legal Values	Integer values from 1 to 65535.
Default Value	6514
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.secureserver1 (Read or Write)

Display Name	Sys Log Secure Server 1
Description	Name of secure remote syslog server
Legal Values	String of up to 63 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.SysLog.securesyslogenable (Read or Write)

Display Name	Secure Sys Log Enable
Description	Enables or disables secure remote syslog
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.Telco-EdgeServer.HeartBeatEnable (Read or Write)

Display Name	HeartBeat Enable

Description	HeartBeat monitoring for Witness Node Enable/disable
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.Telemetry.EnableMetricInjection (Read or Write)

Display Name	Enable injection of external metrics into iDRAC Telemetry Service
Description	Indicates Metric Injection enabled or disabled on iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Indicates if Telemetry is enabled or disabled on iDRAC.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription1 (Read Only)

Display Name	Telemetry Subscription 1
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC

License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription2 (Read Only)

Display Name	Telemetry Subscription 2
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription3 (Read Only)

Display Name	Telemetry Subscription 3
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription4 (Read Only)

Display Name	Telemetry Subscription 4
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription5 (Read Only)

Display Name	Telemetry Subscription 5
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription6 (Read Only)

Display Name	Telemetry Subscription 6
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription7 (Read Only)

Display Name	Telemetry Subscription 7
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Telemetry.TelemetrySubscription8 (Read Only)

Display Name	Telemetry Subscription 8
Description	Displays the JSON string describing the current Telemetry subscription by a Redfish client.
Legal Values	String of up to 256 ASCII characters.
Default Value	None

Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryAggregationMetrics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryAggregationMetrics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryAggregationMetrics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	0

Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No
Notes	Configuring Telemetry reports using RACADM is limited to a few properties for reports of default "Periodic" type only. For example, configuring ReportInterval on AggegationMetrics report of type OnRequest gets ignored through RACADM interface. To update the ReportInterval and ReportTriggers properties, perform a PATCH method using Redfish interface on the following URI: /redfish/v1/TelemetryService/MetricReportDefinitions/<MetricReportDefinitions -Id>.

iDRAC.TelemetryAggregationMetrics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUMemMetrics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUMemMetrics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUMemMetrics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUMemMetrics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPURegisters.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.

Legal Values	Integer values from 0 to 600.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPURegisters.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPURegisters.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPURegisters.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.

Legal Values	String of up to 512 ASCII characters.
Default Value	IERRCriticalTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUSensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUSensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUSensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60

Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryCPUSensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	CPUCriticalTrigger, CPUWarnTrigger, TMPCpuCriticalTrigger, TMPCpuWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCPortStatistics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCPortStatistics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC

License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCPortStatistics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCPortStatistics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCSensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License

Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCSensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCSensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFCSensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFPGASensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFPGASensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFPGASensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFPGASensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFanSensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFanSensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFanSensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryFanSensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	FANCriticalTrigger, FANWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUMetrics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUMetrics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUMetrics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUMetrics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUStatistics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	600
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUStatistics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUStatistics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	600
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryGPUStatistics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryMemorySensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryMemorySensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryMemorySensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryMemorySensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	MEMCriticalTrigger, MEMWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICSensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICSensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICSensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICSensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICStatistics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICStatistics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICStatistics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNICStatistics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNVMeSMARTData.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 3600.
Default Value	3600
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNVMeSMARTData.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNVMeSMARTData.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	3600
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryNVMeSMARTData.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	NVMeCriticalTrigger, NVMeWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPSUMetrics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPSUMetrics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPSUMetrics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPSUMetrics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	VLTCriticalTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerMetrics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerMetrics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerMetrics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerMetrics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerStatistics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerStatistics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerStatistics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryPowerStatistics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySerialLog.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency

Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySerialLog.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySerialLog.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	40
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySerialLog.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License

Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageDiskSMARTData.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 3600.
Default Value	3600
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageDiskSMARTData.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageDiskSMARTData.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	3600
Write Privilege	Configure iDRAC
License Required	Datacenter License

Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageDiskSMARTData.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	PDRCriticalTrigger, PDRWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageSensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageSensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No

iDRAC.TelemetryStorageSensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryStorageSensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySystemUsage.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No

iDRAC.TelemetrySystemUsage.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySystemUsage.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetrySystemUsage.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	TMPCpuCriticalTrigger, TMPCpuWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No

iDRAC.TelemetryThermalMetrics.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryThermalMetrics.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryThermalMetrics.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No

iDRAC.TelemetryThermalMetrics.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	TMPDiskCriticalTrigger, TMPDiskWarnTrigger, TMPCriticalTrigger, TMPWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryThermalSensor.DevicePollFrequency (Read Only)

Display Name	Device Poll Frequency
Description	Displays the frequency at which the devices are polled.
Legal Values	Integer values from 0 to 600.
Default Value	5
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryThermalSensor.EnableTelemetry (Read or Write)

Display Name	Enable Telemetry
Description	Enables or disables the Telemetry Report.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No

iDRAC.TelemetryThermalSensor.ReportInterval (Read or Write)

Display Name	Report Interval
Description	Allows to configure the interval in seconds at which the reports are generated. Configuring the value 0 will stop the interval-based report generation.
Legal Values	Integer values from 10 to 7200.
Default Value	60
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.TelemetryThermalSensor.ReportTriggers (Read or Write)

Display Name	Report Triggers
Description	Allows to configure the predefined triggers for report generation.
Legal Values	String of up to 512 ASCII characters.
Default Value	TMPCriticalTrigger, TMPWarnTrigger
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No

iDRAC.Time.DayLightOffset (Read or Write)

Display Name	Tune Day Light Offset
Description	Specifies the daylight savings offset (in minutes) to use for the iDRAC Time.
Legal Values	Integer values from 0 to 60.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Time.TimeZoneOffset (Read or Write)

Display Name	Tune Time Zone Offset
Description	Specifies the time zone offset (in minutes) from Greenwich Mean Time (GMT)/Coordinated Universal Time (UTC) to use for the iDRAC Time
Legal Values	Integer values from -43200 to 46800.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Time.Timezone (Read or Write)

Display Name	Time Zone String
Description	Time Zone String
Legal Values	String of up to 32 ASCII characters.
Default Value	CST6CDT
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	For supported possible string values refer to iDRAC GUI Time Zone Settings page, time zone attribute drop down menu.

iDRAC.USB.ConfigurationXML (Read or Write)

Display Name	Configuration XML Mode
Description	Specifies whether configuration can be performed using USB management port.
Legal Values	• Disabled - 0 • Enabled while server has default credential settings only - 1 • Enabled - 2 • Enabled only for compressed configuration files - 3
Default Value	1
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	ConfigurationXML means Server Configuration Profile (SCP) feature.

iDRAC.USB.ManagementPortMode (Read Only)

Display Name	USB Management Port Mode
Description	Provides how USB Management Port is used.
Legal Values	• iDRAC Direct Only - 0
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.USB.PortStatus (Read or Write)

Display Name	iDRAC Front USB Port Status
Description	Enables or disables the iDRAC front USB port.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.USB.ZipPassword (Read or Write)

Display Name	Password for zip file on USB
Description	Specifies password that is used to unlock zip file containing Server Configuration Profile on USB drive.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Server Control and Configuration
License Required	Express License
Dependency	None
Is Platform Dependent	No

iDRAC.Update.FwUpdateIPAddr (Read or Write)

Display Name	Firmware Update IP Address
Description	Specifies the TFTP server address to be used for iDRAC firmware update operations
Legal Values	String of up to 254 ASCII characters.

Default Value	0.0.0.0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	fwUpdateIPAddr attribute is applicable for Monolithic & FX2/FX2s only.

iDRAC.Update.FwUpdatePath (Read or Write)

Display Name	Firmware Update File Path
Description	Specifies TFTP path where iDRAC firmware image resides on TFTP server
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Update.FwUpdateTFTPEnable (Read or Write)

Display Name	Enable or Disable TFTP for Firmware Update
Description	Enables or Disables iDRAC firmware updates from a TFTP server
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.UserDomain.Name (Read or Write)

Display Name	User Domain Name
Description	Specifies the Active Directory user domain name. Must be fully qualified domain name or IP address of the domain controller.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

iDRAC.Users.AuthenticationProtocol (Read or Write)

Display Name	SNMP V3 Authentication Protocol
Description	The Authentication Protocol for SNMP v3
Legal Values	• None - 0 • MD5 - 1 • SHA - 2 • SHA-384 - 3 • SHA-512 - 4
Default Value	2
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Need valid username and password to set the attribute. The value could not be set to none if privacy protocol is not none.
Is Platform Dependent	No

iDRAC.Users.EmailAddress (Read or Write)

Display Name	Email Address
Description	Specifies the email address to use for Simple 2FA for the user.
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Enterprise License
Dependency	Both UserName and Password must be configured prior to setting a value.
Is Platform Dependent	No

iDRAC.Users.Enable (Read or Write)

Display Name	User Admin Enable
Description	Enables or Disables an individual user
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Both UserName and Password must be configured prior to enabling user
Is Platform Dependent	No

iDRAC.Users.EnableSNMPv3Passphrase (Read or Write)

Display Name	EnableSNMPv3Passphrase
Description	Enable SNMP Passphrase
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Editable only if both SNMPv3AuthenticationPassphrase and SNMPv3PrivacyPassphrases are configured.
Is Platform Dependent	No

iDRAC.Users.IPMIKey (Read or Write)

Display Name	Key used for IPMI authentication
Description	IPMI key is used for IPMI authentication
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Need valid username to set the attribute.
Is Platform Dependent	No

iDRAC.Users.IpmiLanPrivilege (Read or Write)

Display Name	User Admin IPMI LAN Privilege
Description	Specifies the maximum privilege on the IPMI LAN channel
Legal Values	• User - 2 • Operator - 3 • Administrator - 4 • No Access - 15
Default Value	15
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Both UserName and Password must be configured prior to sets
Is Platform Dependent	No

iDRAC.Users.IpmiSerialPrivilege (Read or Write)

Display Name	User Admin IPMI Serial Privilege
Description	Specifies the maximum IPMI Serial privilege
Legal Values	• User - 2 • Operator - 3 • Administrator - 4 • No Access - 15
Default Value	15
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Both UserName and Password must be configured prior to sets
Is Platform Dependent	Yes

iDRAC.Users.MD5v3Key (Read or Write)

Display Name	MD5 hash of the SNMPv3 key
Description	Specifies the MD5 hash of the SNMPv3 key
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Cannot be set without User Name being set first
Is Platform Dependent	No

iDRAC.Users.Password (Read or Write)

Display Name	User Admin Password
Description	iDRAC User Password
Legal Values	String of up to 127 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Cannot be set without User Name being set first
Is Platform Dependent	No

iDRAC.Users.PrivacyProtocol (Read or Write)

Display Name	SNMP V3 Privacy Protocol
Description	The Privacy Protocol for SNMP v3

Legal Values	• None - 0 • DES - 1 • AES - 2 • AES-256 - 3
Default Value	2
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Need valid username and password to set the attribute. The value could not be set to AES or DES if authentication protocol is none.
Is Platform Dependent	No

iDRAC.Users.Privilege (Read or Write)

Display Name	User Admin Privilege
Description	Specifies the role-based authority privileges allowed for the user. Below list shows the decimal values for each individual privilege. To create a custom privilege, add up the privilege decimal values and set the attribute to the value. Login - 1, Configure - 2, Configure Users - 4, Logs - 8, System Control - 16, Access Virtual Console - 32, Access Virtual Media - 64, System Operations - 128, Debug - 256
Legal Values	Integer values from 0 to 511.
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Both UserName and Password must be configured prior to sets
Is Platform Dependent	No

iDRAC.Users.ProtocolEnable (Read or Write)

Display Name	SNMP V3 Protocol Enable
Description	Enable SNMP v3 Protocol
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Users.RSASecurID2FA (Read or Write)

Display Name	RSA SecurID 2FA
Description	Enables or disables RSA SecurID 2 Factor Authentication for the user.

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Datacenter License
Dependency	Both UserName and Password must be configured prior to any setting.
Is Platform Dependent	No

iDRAC.Users.SHA1v3Key (Read or Write)

Display Name	SHA1 hash of the SNMPv3 key
Description	Specifies the SHA1 hash of the SNMPv3 key
Legal Values	String of up to 40 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Cannot be set without User Name being set first
Is Platform Dependent	No

iDRAC.Users.SHA256Password (Read or Write)

Display Name	SHA256 hash of the password
Description	Specifies the SHA256 hash of the password
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Cannot be set without User Name being set first
Is Platform Dependent	No

iDRAC.Users.SHA256PasswordSalt (Read or Write)

Display Name	Salt String Appended To Password Prior To Hash
Description	Specifies the Salt String appended to the password prior to hash
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Both User Name and SHA256 User password must be configured prior to sets

Is Platform Dependent	No

iDRAC.Users.SHA384v3Key (Read or Write)

Display Name	SHA384 hash of SNMPv3 Key
Description	Specifies the SHA384 hash of the SNMPv3 Key
Legal Values	String of up to 100 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Cannot be set without User Name being set first
Is Platform Dependent	No

iDRAC.Users.SHA512v3Key (Read or Write)

Display Name	SHA512 hash of SNMPv3 Key
Description	Specifies the SHA512 hash of the SNMPv3 Key
Legal Values	String of up to 130 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Cannot be set without User Name being set first
Is Platform Dependent	No

iDRAC.Users.SMSNumber (Read or Write)

Display Name	SMS Number
Description	Specifies the SMS number to use for Simple 2FA for the user.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Enterprise License
Dependency	Both UserName and Password must be configured prior to setting a value.
Is Platform Dependent	No

iDRAC.Users.SNMPv3AuthenticationPassphrase (Read or Write)

Display Name	SNMPv3AuthenticationPassphrase
Description	SNMP Authentication Passphrase
Legal Values	String of up to 40 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Users.SNMPv3PrivacyPassphrase (Read or Write)

Display Name	SNMPv3PrivacyPassphrase
Description	SNMP Privacy Passphrase
Legal Values	String of up to 40 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Users.Simple2FA (Read or Write)

Display Name	Simple 2FA
Description	Enables or disables Simple 2 Factor Authentication for the user.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Enterprise License
Dependency	Both UserName and Password must be configured prior to setting to Enabled.
Is Platform Dependent	No

iDRAC.Users.SolEnable (Read or Write)

Display Name	User Admin SOL Enable
Description	Enables or Disables SOL for the user

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	Both UserName and Password must be configured prior to enabling user
Is Platform Dependent	No

iDRAC.Users.SourceIPTimeout (Read or Write)

Display Name	Source IP Timeout
Description	Source network address timeout period in hours.
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.Users.UseEmail (Read or Write)

Display Name	Use Email Address
Description	Enables or disables the use of email to communicate the 2FA code to destination defined in EmailAddress for the user.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users
License Required	Enterprise License
Dependency	Both UserName and Password must be configured prior to setting to Enabled.
Is Platform Dependent	No

iDRAC.Users.UseSMS (Read or Write)

Display Name	Use SMS
Description	Enables or disables the use of SMS to communicate the 2FA code to destination defined in SMSNumber for the user.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure Users

License Required	Enterprise License
Dependency	Both UserName and Password must be configured prior to setting to Enabled.
Is Platform Dependent	No

iDRAC.Users.UserName (Read or Write)

Display Name	User Admin User Name
Description	iDRAC User Name
Legal Values	String of up to 16 ASCII characters.
Default Value	None
Write Privilege	Configure Users
License Required	Not Applicable
Dependency	No duplicate User Names are allowed
Is Platform Dependent	No

iDRAC.VNCServer.ActiveSessions (Read Only)

Display Name	ActiveSessions
Description	VNC Server Current Active VNC Sessions
Legal Values	Integer values from 0 to 2.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.Enable (Read or Write)

Display Name	Enable
Description	Enable VNC Server
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.LowerEncryptionBitLength (Read or Write)

Display Name	Lower Encryption Bit Length
Description	Enable VNC Lower Encryption Bit Length
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.MaxSessions (Read or Write)

Display Name	MaxSessions
Description	VNC Server Maximum Session Allowed
Legal Values	Integer values from 1 to 2.
Default Value	2
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.Password (Read or Write)

Display Name	Password
Description	VNC Server Password
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.Port (Read or Write)

Display Name	KVM Port
Description	VNC Server Port

Legal Values	Integer values from 1024 to 65535.
Default Value	5901
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.SSLEncryptionBitLength (Read or Write)

Display Name	SSL Encryption Bit Length
Description	VNC SSL Encryption Bit Length
Legal Values	• Disabled - 0 • Auto Negotiate - 1 • 128-Bit or higher - 2 • 168-Bit or higher - 3 • 256-Bit or higher - 4
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VNCServer.Timeout (Read or Write)

Display Name	Timeout
Description	VNC Server Timeout
Legal Values	Integer values from 60 to 10800.
Default Value	300
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.AccessPrivilege (Read or Write)

Display Name	Default action upon session sharing request timeout
Description	Specifies the default action upon session sharing request timeout
Legal Values	• Full Access - 0 • Read Only Access - 1 • Deny Access - 2
Default Value	2

Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.ActiveSessions (Read Only)

Display Name	Active Sessions
Description	Specifies current active number of Virtual Console sessions.
Legal Values	Integer values from 0 to 6.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.AttachState (Read or Write)

Display Name	Attach State
Description	Specifies the attach state for the Virtual Console.
Legal Values	• Detached - 0 • Attached - 1 • Auto-attach - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.CloseUnusedPort (Read or Write)

Display Name	CloseUnusedPort
Description	Close the generic virtual console port (normally 5900) when virtual console and virtual media traffic setting is set to redirect through the iDRAC web server port.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None

Is Platform Dependent	No

iDRAC.VirtualConsole.CrashVideoCaptureEnable (Read or Write)

Display Name	Crash Video Capture Enable
Description	Disable/Enable Crash Video Capture
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.Enable (Read or Write)

Display Name	Enable
Description	Enables or disables the Virtual Console.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.EncryptEnable (Read or Write)

Display Name	Encrypt Enable
Description	Encrypts the video in a Virtual Console session.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.LocalDisable (Read or Write)

Display Name	Local Disable
Description	Enables/disables the video signal on the local video port of the server.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.LocalVideo (Read or Write)

Display Name	Local Video
Description	Enables or disables the local server video.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.MaxSessions (Read or Write)

Display Name	Max Sessions
Description	Specifies maximum number of Virtual Console sessions.
Legal Values	Integer values from 1 to 6.
Default Value	6
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.Timeout (Read or Write)

Display Name	Timeout
Description	Specifies the idle timeout in seconds for the Virtual Console.

Legal Values	Integer values from 60 to 10800.
Default Value	1800
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.TimeoutEnable (Read or Write)

Display Name	Timeout Enable
Description	Specifies if timeout is enabled for the Virtual Console
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualConsole.WebRedirect (Read or Write)

Display Name	Redirect through webserver port
Description	Redirect virtual console and virtual media traffic through the iDRAC web server port.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.ActiveSessions (Read Only)

Display Name	Active Sessions
Description	Provides the number of Virtual Media sessions that are currently active, excluding Remote File Share Session.
Legal Values	Integer values from 0 to 1.
Default Value	0
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License

Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.Attached (Read or Write)

Display Name	Virtual Media Attached
Description	Used to attach virtual devices to the system via the USB bus
Legal Values	• Detached - 0 • Attached - 1 • AutoAttach - 2
Default Value	2
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.BootOnce (Read or Write)

Display Name	Virtual Media Boot Once
Description	Enables or Disables the virtual media boot once feature of the iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.Enable (Read or Write)

Display Name	Enable
Description	Enables or disables the Virtual Media.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.EncryptEnable (Read or Write)

Display Name	Encrypt Enable
Description	Encrypts the video in a Virtual Media session
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.FloppyEmulation (Read or Write)

Display Name	Virtual Media Floppy Emulation
Description	When Disabled, the virtual floppy disk is recognized as a removable disk by Windows OS
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.KeyEnable (Read or Write)

Display Name	Virtual Media Key Enable
Description	Enables or Disables the virtual media key feature of the iDRAC
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.VirtualMedia.MaxSessions (Read Only)

Display Name	Maximum Sessions
Description	Provides the maximum number of the Virtual Media sessions allowed.

Legal Values	Integer values from 0 to 1.
Default Value	1
Write Privilege	Configure iDRAC, Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.BlockHTTPPort (Read or Write)

Display Name	Block HTTP Port
Description	Block HTTP Port for HTTP requests
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.CustomCipherString (Read or Write)

Display Name	Custom Cipher String
Description	This attribute does not support TLS 1.3 cipher suites
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	Custom Cipher String is not supported with TLS version 1.3.

iDRAC.WebServer.Enable (Read or Write)

Display Name	Enable
Description	Enables or Disables iDRAC WebServer
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.HostHeaderCheck (Read or Write)

Display Name	Host Header Check
Description	Enable HTTP Host Header Validation
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.Http2Enable (Read or Write)

Display Name	Http2 Enable.
Description	Enables or Disables HTTP2 support for iDRAC webserver
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.HttpPort (Read or Write)

Display Name	Http Port
Description	Specifies the port number for HTTP communication with the iDRAC
Legal Values	Integer values from 1 to 65535.
Default Value	80
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.HttpsPort (Read or Write)

Display Name	Https Port
Description	Specifies the port number for HTTPS communication with the iDRAC
Legal Values	Integer values from 1 to 65535.
Default Value	443
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.HttpsRedirection (Read or Write)

Display Name	Https Redirection
Description	Enable HTTPS redirection
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.LowerEncryptionBitLength (Read or Write)

Display Name	Lower Encryption Bit Length
Description	Lower Encryption Bit Length
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.ManualDNSEntry (Read or Write)

Display Name	Manual DNS Entry

Description	Manual FQDN/Hostname or TLS SAN domain name/s for validating HTTP Host header.
Legal Values	String of up to 1023 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.MaxNumberOfSessions (Read Only)

Display Name	Max Number Of Sessions
Description	Max session allowed
Legal Values	Integer values from 1 to 8.
Default Value	8
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.SSLEncryptionBitLength (Read or Write)

Display Name	SSL Encryption Bit Length
Description	Specifies the SSL encryption bit length.
Legal Values	• Auto-Negotiate - 0 • 128-Bit or higher - 1 • 168-Bit or higher - 2 • 256-Bit or higher - 3
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.TLSProtocol (Read or Write)

Display Name	TLS Protocol
Description	Specifies the TLS protocol version support.
Legal Values	• TLS 1.1 and Higher - 1 • TLS 1.2 Only - 2 • TLS 1.2 and Higher - 3 • TLS 1.3 Only - 4

Default Value	3
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.Timeout (Read or Write)

Display Name	Web Server Idle Timeout
Description	Specifies the web server idle timeout.
Legal Values	Integer values from 60 to 10800.
Default Value	1800
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.TitleBarOption (Read or Write)

Display Name	Title Bar Option
Description	Specifies what to display in the title bar.
Legal Values	• Auto - 1 • DNS RAC Name - 2 • IP Address - 3 • Service Tag - 4 • System Host Name - 5 • Custom - 6
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.WebServer.TitleBarOptionCustom (Read or Write)

Display Name	Title Bar Option Custom
Description	Specifies the custom title when the title bar option is Custom.
Legal Values	String of up to 30 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

iDRAC.vFlashPartition.AccessType (Read or Write)

Display Name	Access Type
Description	vFlash Partition Access Type
Legal Values	• Read Write - 0 • Read Only - 1
Default Value	1
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlash SD card has to be enabled. Partition at the specified index has to be created. AttachState should be Detached.
Is Platform Dependent	No

iDRAC.vFlashPartition.AttachState (Read or Write)

Display Name	Attach State
Description	vFlash Partition Attach State
Legal Values	• Detached - 0 • Attached - 1
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlash SD card has to be enabled. Partition at the specified index has to be created.
Is Platform Dependent	No

iDRAC.vFlashPartition.EmulationType (Read or Write)

Display Name	Emulation Type
Description	vFlash Partition Emulation Type
Legal Values	• CD-DVD - 0 • HDD - 1 • Floppy - 2
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlash SD card has to be enabled. Partition at the specified index has to be created. AttachState should be Detached.

Is Platform Dependent	No

iDRAC.vFlashPartition.FormatType (Read Only)

Display Name	Format Type
Description	vFlash Partition Format Type
Legal Values	• RAW - 0 • EXT2 - 1 • EXT3 - 2 • FAT16 - 3 • FAT32 - 4
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlash SD card has to be enabled. Partition at the specified index has to be created.
Is Platform Dependent	No

iDRAC.vFlashPartition.IsGroupInstanceValid (Read or Write)

Display Name	Is Group Instance Valid
Description	vFlash Partition Valid Group
Legal Values	• Invalid - 0 • Valid - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No

iDRAC.vFlashPartition.Size (Read Only)

Display Name	Size
Description	vFlash Partition Size
Legal Values	String of up to 17 ASCII characters.
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlash SD card has to be enabled. Partition at the specified index has to be created.
Is Platform Dependent	No

iDRAC.vFlashPartition.VolumeLabel (Read Only)

Display Name	Volume Label
Description	vFlash Partition Volume Label
Legal Values	String of up to 65 ASCII characters.
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlash SD card has to be enabled. Partition at the specified index has to be created.
Is Platform Dependent	No

iDRAC.vFlashSD.AvailableSize (Read Only)

Display Name	Available Size
Description	vFlash SD Available Size
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlashSD has to be enabled
Is Platform Dependent	Yes

iDRAC.vFlashSD.Bitmap (Read or Write)

Display Name	Bitmap
Description	Bitmap
Legal Values	String of up to 64 ASCII characters.
Default Value	0x0000000000000000
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.vFlashSD.Enable (Read or Write)

Display Name	Enable
Description	Enable vFlash SD
Legal Values	• Disabled - 0 • Enabled - 1

Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes

iDRAC.vFlashSD.Health (Read Only)

Display Name	Health
Description	vFlash SD Health
Legal Values	• OK - 0 • Critical - 1 • Warning - 2 • Unknown - 3
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlashSD has to be enabled
Is Platform Dependent	Yes

iDRAC.vFlashSD.Initialized (Read Only)

Display Name	Initialized
Description	Specifies if vFlash SD is initialized
Legal Values	• Not Initialized - 0 • Initialized - 1
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlashSD has to be enabled
Is Platform Dependent	Yes

iDRAC.vFlashSD.Licensed (Read Only)

Display Name	Licensed
Description	Specifies if the vFlash SD is licensed
Legal Values	• Not Licensed - 0 • Licensed - 1
Default Value	0
Write Privilege	Access Virtual Media

License Required	Enterprise License
Dependency	vFlashSD has to be enabled
Is Platform Dependent	Yes

iDRAC.vFlashSD.Presence (Read or Write)

Display Name	Presence
Description	vFlash SD card presence
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.vFlashSD.Signature (Read or Write)

Display Name	Signature
Description	Signature
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

iDRAC.vFlashSD.Size (Read Only)

Display Name	Size
Description	vFlash SD Size
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlashSD has to be enabled
Is Platform Dependent	Yes

iDRAC.vFlashSD.WriteProtect (Read Only)

Display Name	Write Protect
Description	Enable vFlash SD Write Protect
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Access Virtual Media
License Required	Enterprise License
Dependency	vFlashSD has to be enabled
Is Platform Dependent	Yes

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InfiniBand Attributes

InfiniBand.VndrConfigPage.LinkStatus (Read Only)

Description	Physical link status of the network port as reported by the controller.
Help Text	Physical link status of the network port as reported by the controller.
Legal Values	Connected;Disconnected
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiGenParams.TcpIpViaDHCP (Read or Write)

Description	Setting to enable acquisition of IPv4 TCP/IP parameters from DHCP
Help Text	This option is specific to IPv4. Controls the source of the initiator IP address, DHCP or static assignment.
Legal Values	Enabled;Disabled
Default Value	Disabled
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICConfig.LegacyBootProto (Read or Write)

Description	Selection of the boot protocol for the port to use in legacy BIOS (non-UEFI) boot mode. The default value of the setting varies by implementation and is defined in ENG0012856.
Help Text	Select a boot protocol to be used in legacy BIOS (non-UEFI) boot mode.
Legal Values	PXE;iSCSI;FCoE;None;iSCSI Primary;iSCSI Secondary;iPXE without failover; iSCSI without failover
Default Value	varies
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiGenParams.IscsiViaDHCP (Read or Write)

Description	Setting to enable acquisition of iSCSI target parameters from DHCP.
Help Text	Enables the acquisition of iSCSI target parameters from DHCP.

Legal Values	Enabled;Disabled
Default Value	Disabled
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiGenParams.IscsiTgtBoot (Read or Write)

Description	Controls whether the iSCSI initiator will boot to the specified iSCSI target after connection. One Time Disabled disables iSCSI boot for the next (current) boot, after which it is enabled.
Help Text	Specify whether the iSCSI initiator will boot to the specified iSCSI target after connection. One Time Disabled disables iSCSI boot for the next (current) boot, after which it is enabled.
Legal Values	Enabled;Disabled;One Time Disabled
Default Value	Disabled
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.ConnectFirstTgt (Read or Write)

Description	Setting to enable whether connection to the first target is attempted.Enables or disables connecting to the first iSCSI target. Not available if VndrConfigPage.iSCSIBootSupport is unavailable.
Help Text	Enable connecting to the first iSCSI target.
Legal Values	Enabled;Disabled
Default Value	Disabled
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiGenParams.IpVer (Read or Write)

Description	Setting displays and allows configuration of the IP version used by iSCSI initiator and targets (Initiator only when a seperate target ipver is implemented). If only one IP version is supported, this attribute should be set to that version and be made Read Only.
Help Text	Specify whether IPv4 or IPv6 network addressing will be used for iSCSI initiator and targets (Applies to the Initiator only when a seperate target IP Version is implemented). [Vendor to provide implementation-specific language].
Legal Values	IPv4;IPv6;None
Default Value	IPv4
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICConfig.LnkSpeed (Read or Write)

Description	Selector for link speed(s) to be advertised to link partner for boot operations. Implementations should only include supported link speeds. Existing implementations may remain unchanged, new implementations should not use those speeds listed as deprecated but use the new speeds that have been added that infer what modulation scheme is in use, NRZ or PAM4. New implementations should transition to allow multiple speeds to be selected instead of just one in a simple enumeration scheme.
Help Text	Specifies the port link speed to be used when booting the selected protocol.
Legal Values	Auto Negotiated;10 Mbps Half;10 Mbps Full;100 Mbps Half;100 Mbps Full;1 Gbps;10 Gbps;25 Gbps;40 Gbps;50 Gbps (2x25);50 Gbps (1x50);100 Gbps (4x25);100 Gbps (2x50);100 Gbps (1x100);200 Gbps (4x50);200 Gbps (2x100);200 Gbps (1x200)
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.NicMode (Read or Write)

Description	Enable/Disable the NIC personality on the port. This setting is for when operating in non-NPar mode only. Note: This personality type should be specified as the port default if RDMA is not supported or has dependencies on other device modes or settings.
Help Text	Specify use of the port for L2-Ethernet traffic.
Legal Values	Enabled;Disabled
Default Value	Varies
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.DCBXSupport (Read Only)

Description	Indicates whether Data Center Bridging eXchange Protocol (DCBX) is supported.
Help Text	Specify whether Data Center Bridging eXchange Protocol (DCBX) is supported.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

Infiniband.VndrConfigPage.TOESupport (Read Only)

Description	Indicates whether TCP/IP Offload Engine capability is supported
Help Text	Indicates whether TCP/IP Offload Engine capability is supported.
Legal Values	None

Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.OnChipThermalSensor (Read Only)

Description	Indicates whether an on-chip thermal sensor is available.
Help Text	Indicates whether an on-chip thermal sensor is available.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.PXEBootSupport (Read Only)

Description	Indicates whether the PXE Boot capability is supported.
Help Text	Indicates whether PXE Boot capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.FCoEOffloadSupport (Read Only)

Description	Indicates whether FCoE is supported.
Help Text	Indicates whether FCoE is supported.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.iSCSIBootSupport (Read Only)

Description	Indicates whether iSCSI Boot is supported.

Help Text	Indicates whether iSCSI Boot is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.FCoEBootSupport (Read Only)

Description	Indicates whether Fibre Channel over Ethernet Boot capability is supported.
Help Text	Indicates whether Fibre Channel over Ethernet Boot capability is supported.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.iSCSIOffloadSupport (Read Only)

Description	Indicates whether the iSCSI Offload capability is supported.
Help Text	Indicates whether the iSCSI Offload capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.FlexAddressing (Read Only)

Description	Indicates whether the Dell FlexAddressing feature is supported.
Help Text	Indicates whether the Dell FlexAddressing feature is supported.
Legal Values	None.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.NWManagementPassThrough (Read Only)

Description	Indicates whether the Network Management Pass Through capability is supported.
Help Text	Indicates whether the Network Management Pass Through capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.EnergyEfficientEthernet (Read Only)

Description	Indicates whether Energy Efficient Ethernet capability is supported.
Help Text	Indicates whether Energy Efficient Ethernet capability is supported.
Legal Values	String value
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.NicPartitioningSupport (Read Only)

Description	Indicates whether the NIC Partitioning capability is supported.
Help Text	Indicates whether NIC Partitioning capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.TXFlowControl (Read Only)

Description	Indicates whether Transmit (TX) Flow Control capability is supported
Help Text	Indicates whether Transmit (TX) Flow Control capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable

License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.TXBandwidthControlMinimum (Read Only)

Description	Indicates whether Transmit (TX) Bandwidth Control Minimum capability is supported
Help Text	Indicates whether Transmit (TX) Bandwidth Control Minimum capability is supported.
Legal Values	VndrConfigPage.TXBandwidthControlMinimum
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.RemotePHY (Read Only)

Description	Indicates whether RemotePHY capability is supported.
Help Text	Indicates whether RemotePHY capability is supported.
Legal Values	String value
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.TXBandwidthControlMaximum (Read Only)

Description	Indicates whether Transmit(TX) Bandwidth Control Maximum capability is supported
Help Text	Indicates whether Transmit(TX) Bandwidth Control Maximum capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DeviceLevelConfig.SRIOVSupport (Read Only)

Description	Indicates whether SR-IOV capability is supported
Help Text	Indicates whether SR-IOV capability is supported.
Legal Values	Available;Unavailable

Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.RXFlowControl (Read Only)

Description	Indicates whether Receive (RX) Flow control capability is supported.
Help Text	Indicates whether Receive (RX) Flow control capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DCBSettings.CongestionNotification (Read Only)

Description	Indicates whether Congestion Notification capability is supported.
Help Text	Indicates whether Congestion Notification capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.FeatureLicensingSupport (Read Only)

Description	Indicates whether the Dell Feature Licensing capability is supported.
Help Text	Indicates whether Dell Feature Licensing capability is supported.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.OSBMCManagementPassThrough (Read Only)

Description	Indicates whether OS-BMC Management Pass Through capability is supported.

Help Text	Indicates whether OS-BMC Management Pass Through capability is supported.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DeviceLevelConfig.EVBModesSupport (Read Only)

Description	Indicates the type of EVB Modes supported.
Help Text	Indicates the type of EVB Modes supported.
Legal Values	VEB;VEPA;PE;Multi-channel
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DCBSettings.EnhancedTransmissionSelection (Read Only)

Description	Indicates whether Enhanced Transmission Selection capability is supported.
Help Text	Indicates whether Enhanced Transmission Selection capability is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DCBSettings.PriorityFlowControl (Read Only)

Description	Indicates whether the Priority Flow Control capability is supported.
Help Text	No Help information available.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorIpAddr (Read or Write)

Description	The iSCSI initiator IP address. Will be either in IPv4 or IPv6 format depending on value of the IpVer attribute.
Help Text	Specify the IP address of the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorSubnet (Read or Write)

Description	The iSCSI initiator Subnet Mask for an IPv4 initiator configuration.
Help Text	Specify the IPv4 Subnet Mask of the iSCSI initiator.
Legal Values	String from 7 to 15 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorPrimDns (Read or Write)

Description	The iSCSI initiator Primary DNS IP Address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute.
Help Text	Specify the Primary DNS IP address used by the iSCSI initiator.
Legal Values	String from 2 to 39 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.FirstTgtIscsiName (Read or Write)

Description	The iSCSI Qualified Name (IQN) of the first target.
Help Text	Specify the iSCSI Qualified Name (IQN) of the first iSCSI storage target.

Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorName (Read or Write)

Description	Setting to represent and set the iSCSI initiator iSCSI Qualified Name (IQN).
Help Text	Specify the initiators iSCSI Qualified Name (IQN).
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.FirstTgtChapId (Read or Write)

Description	First Target CHAP ID (up to 128 characters in length). If only a single value of CHAP ID supported then it is stored here.
Help Text	Specify the first iSCSI storage target Challenge-Handshake Authentication Protocol (CHAP) ID. [vendor to specify what is allowed].
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorChapId (Read or Write)

Description	Initiator CHAP ID (up to 128 characters in length). If this can be set on a per target basis, then the first target value shall be stored here.
Help Text	Specify the iSCSI initiator Challenge-Handshake Authentication Protocol (CHAP) ID. [Vendor to describe what is allowed].
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License

Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorGateway (Read or Write)

Description	iSCSI initiator default Gateway IP address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute.
Help Text	Specify the IP address of the default Gateway used by the iSCSI initiator.
Legal Values	String from 2 to 39 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.BusDeviceFunction (Read Only)

Description	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier. If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier.
Help Text	Indicates the PCI Address of the Physical Function assigned to the port.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.ChipMdl (Read Only)

Description	This attribute consists of the concatenation of 2 different elements, a vendor-defined silicon marketing name and the silicon revision information as specified in PCI configuration space, separated by space. For example: R720 B0.
Help Text	Specifies the Chip Type.
Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.DeviceName (Read Only)

Description	Official product name of the device.
Help Text	Official product name of the device.

Legal Values	None
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.PCIDeviceID (Read Only)

Description	PCI Device ID reported by the controller when operating in non-NPar mode only. The value of the attribute is undefined for controllers operating in NPar mode that change their device IDs or support multiple PCI Device IDs at the partition level.
Help Text	PCI Device ID of the controller.
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.FirstTgtIpAddress (Read or Write)

Description	First iSCSI target IP address. Will be either IPv4 or IPv6 format depending on the value of the FirstTgtIpVer attribute.
Help Text	Specify the IP address of the first iSCSI target.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.VirtMacAddr (Read or Write)

Description	Programmatically assignable MAC address. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0s to the virtual MAC. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature enablement.
Help Text	Programmatically assignable MAC address for port.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.MacAddr (Read Only)

Description	The Permanent MAC address assigned during manufacturing.
Help Text	Permanent MAC address assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiInitiatorParams.IscsiInitiatorChapPwd (Read or Write)

Description	iSCSI initiator CHAP secret (0 or 12 to 16 characters in length). If this can be set on a per target basis, then the value for the first target shall be stored here.
Help Text	Specify the iSCSI initiator Challenge-Handshake Authentication Protocol (CHAP) secret (password). [Vendor to describe what is allowed].
Legal Values	String from 12 to 16 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICPartitioningConfig.NumberPCIFunctionsEnabled (Read Only)

Description	The number of PCI Physical Functions currently enabled on this port.
Help Text	The number of PCI Physical Functions currently enabled on this port.
Legal Values	integer values
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICPartitioningConfig.NumberPCIFunctionsSupported (Read Only)

Description	The number of PCI Physical Functions supported on this port. This value may change depending on the support and configuration of NParEP.
Help Text	The number of PCI Physical Functions supported on this port. This value may change depending on the support and configuration of NParEP.

Legal Values	Integer values .
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.FirstTgtTcpPort (Read or Write)

Description	TCP Port number of the first iSCSI target.
Help Text	Specify the TCP Port number of the first iSCSI target.
Legal Values	Integer values from 1 to 65535.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.FrmwImgMenu.FamilyVersion (Read Only)

Description	Firmware family version information. Same as what is returned in the PackageVersionName field by the Firmware Management Protocol GetPackageInfo() call.
Help Text	Installed device firmware family version information.
Legal Values	String of up to 11 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.BlnkLeds (Read or Write)

Description	Blink LEDs for a duration of up to 15 seconds. Only valid for adapters with link LEDs.
Help Text	Specify the number of seconds the LEDs on the physical network port should blink to assist with port identification.
Legal Values	Integer values from 0 to 15.
Default Value	15
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiGenParams.ChapMutualAuth (Read or Write)

Description	Setting to enable mutual CHAP authentication between the iSCSI initiator and target.
Help Text	To use mutual CHAP authentication, specify an initiator secret on the Initiator Parameters page and configure that secret on the target.
Legal Values	Enabled;Disabled
Default Value	Disabled
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiGenParams.ChapAuthEnable (Read or Write)

Description	Setting to enable CHAP Authentication for iSCSI initiator.
Help Text	Enable the ability of the initiator to use CHAP authentication when connecting to the iSCSI target.
Legal Values	Enabled;Disabled
Default Value	Disabled
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.FirstTgtBootLun (Read or Write)

Description	Specifies the first iSCSI target boot LUN.
Help Text	Specify the boot Logical Unit Number (LUN) on the first iSCSI storage target.
Legal Values	Integer values from 0 to 18446744073709551615.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.FrmwImgMenu.EFIVersion (Read Only)

Description	EFI device driver version information.
Help Text	Installed device EFI driver version information.
Legal Values	String value.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICConfig.BootStrapType (Read or Write)

Description	Configure the boot strap mechanism used to boot to the OS.
Help Text	Specify the boot strap method used to boot to the operating system.
Legal Values	Auto Detect-0;BBS-1;Int 18h-2;Int 19h-3
Default Value	AutoDetect
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DeviceLevelConfig.VirtualizationMode (Read or Write)

Description	The Virtualization Mode setting for the device. Note: Not all PCI slots in all servers are capable of supporting virtualization features based on ARI and SR-IOV. The implementation shall check the state of the ARI forwarding bit in the immediate upstream PCI ports config space settings (Device Control Register 2, bit 5) to ensure that it is set before before allowing the selection of SR-IOV and NParEP by the user, if not, those selections shall be disallowed.
Help Text	Specify the type of virtualization used by the controller on all ports.
Legal Values	None;NPar;SR-IOV;NPar + SR-IOV;Advanced NPar;Advanced NPar + SR-IOV
Default Value	NONE
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICConfig.BannerMessageTimeout (Read or Write)

Description	Timeout in seconds for banner display during POST
Help Text	Specify the number of seconds that the OptionROM banner is displayed during POST.
Legal Values	Integer values from 0 to 14.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.IscsiFirstTgtParams.FirstTgtChapPwd (Read or Write)

Description	First Target CHAP Secret (0 or 12 to 16 characters in length). If only a single value of CHAP Secret is supported then it is stored here.

Help Text	Specify the Challenge-Handshake Authentication Protocol secret (CHAP password) of the first iSCSI storage target. [Vendor to specify what is allowed].
Legal Values	String of up to 16 ASCII characters.
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.iSCSIDualIPVersionSupport (Read Only)

Description	Indicates support for simultaneous IPv4 and IPv6 configurations of the iSCSI initiator and iSCSI primary and secondary targets.
Help Text	Indicates support for simultaneous IPv4 and IPv6 configurations of iSCSI initiator and iSCSI primary and secondary targets.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.NICConfig.BootRetryCnt (Read or Write)

Description	Configure the number of retries in case of boot failure.
Help Text	Specify the number of retries to attempt in case of a boot failure.
Legal Values	No Retry;1 Retry;2 Retries;3 Retries;4 Retries;5 Retries;6 Retries;Indefinite Retries
Default Value	NoRetry
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DeviceLevelConfig.NumberVFSupported (Read Only)

Description	The total number of PCI Virtual Functions supported on this port (or device). Whether the number applies to the device as a whole, or to an individual port, is indicated by the value of the Virtual Function Allocation Basis.
Help Text	The number of virtual functions supported on this port (or device) [VENDOR modify appropriately for the implementation].
Legal Values	Integer values from 0 to 256.
Default Value	0
Write Privilege	Not Applicable

License Required	Express License
Dependency	None

InfiniBand.DeviceLevelConfig.RDMASupport (Read Only)

Description	Capability indicator for controllers supporting Remote Direct Memory Management (RDMA), the remote memory management capability that allows server to server data movement directly between application memory without any CPU involvement.
Help Text	Indicates whether any RDMA protocol is supported by the controller.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.DeviceLevelConfig.RDMAProtocolSupport (Read Only)

Description	Indicates what RDMA protocol support is enabled by the controller. Implement as ReadOnly and browser suppressed if the controller only supports one type of RDMA; R/W and not browser suppressed if multiple settings are supported and selectable. [Vendor to provide default setting information]
Help Text	Specify what RDMA Protocol is to be used in operation. [Vendor modify as appropriate].
Legal Values	iWARP;RoCE;iWARP + RoCE
Default Value	None
Write Privilege	Not Applicable
License Required	Express License
Dependency	None

InfiniBand.VndrConfigPage.RDMANICModeOnPort (Read or Write)

Description	Enable/Disable the NIC + RDMA personality on the port. This setting is for when operating in non-NPar mode only. Note: This personality type may be specified as the port default if RDMA traffic can be supported irrespective of any other device mode or setting.
Help Text	Specify use of the port for both L2-Ethernet and RDMA traffic. [Vendor may want to customize type of RDMA supported].
Legal Values	Enabled;Disabled
Default Value	Varies
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.DeviceLevelConfig.VFAllocBasis (Read Only)

Description	Defines the domain in which Virtual Functions are allocated; either Port or Device. Note: A device which implements less than 1 PF per physical port must use Device level VF allocation.
Help Text	Defines the domain in which Virtual Functions are allocated.
Legal Values	Port;Device
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.DeviceLevelConfig.VFAllocMult (Read Only)

Description	Defines the multiple (e.g. x1, x4, x8, etc.) in which VFs must be allocated to a PF.
Help Text	[VENDOR provide appropriate help text for the implementation - what is allowed, etc].
Legal Values	Integer values from 1 to 255.
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.DeviceLevelConfig.VFDistribution (Read or Write)

Description	The value is a string of numbers, each seperated by a colon that defines the distribution of VFs to PFs within the domain specified by VFAllocBasis. Each number represents the number of PVI Virtual Functions to be advertised in PCI config space by each partition (PF). The numbers must sum to an amount less than or equal to the NumberVFSupported attribute value. A value appears in the colon separated list for each Physical Function that can potentially be present within the allocation domain, independent of its enablement state. Values in the list from left to right apply to function numbers in the domain from least to greatest.
Help Text	The value is a string of numbers, each seperated by a colon that defines the distribution of VFs to PFs within the domain specified by VFAllocBasis. Each number represents the number of PVI Virtual Functions to be advertised in PCI config space by each partition (PF). The numbers must sum to an amount less than or equal to the NumberVFSupported attribute value. A value appears in the colon separated list for each Physical Function that can potentially be present within the allocation domain, independent of its enablement state. Values in the list from left to right apply to function numbers in the domain from least to greatest.
Legal Values	Integer values.
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.DeviceLevelConfig.PartitionStateInterpretation (Read Only)

Description	Describes how partitioning is implemented and how the PartitionState attribute is used in the controller. A value of Fixed signifies that partition states are locked and that the current values of PartitionState[n] will not change. A value of Variable signifies that PartitionState[n] may/will change values during the course of device operation as a result of user configuration. Implementations that support changes in PartitionState must implement this attribute. The Default value is implementation dependent.
Help Text	Describes how partitioning is implemented and how the PartitionState attribute is used in the controller.
Legal Values	Fixed; Variable
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.NICConfig.PKey (Read or Write)

Description	PKey ID to be used by PXE boot in the InfiniBand environment
Help Text	PKey ID to be used by PXE boot in InfiniBand fabrics.
Legal Values	Integer values.
Default Value	0
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.SNAPIState (Read Only)

Description	Indicates whether SNAPI functionality is enabled. Note: Implement only if SNAPI support is set to Available
Help Text	Indicates whether SNAPI functionality is enabled
Legal Values	Enabled;Disabled
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.NodeGUID (Read Only)

Description	The Permanent Node GUID assigned during manufacturing.
Help Text	Permanent Node GUID assigned during manufacturing.
Legal Values	String values

Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.PortGUID (Read Only)

Description	The Permanent Port GUID assigned during manufacturing.
Help Text	Permanent Port GUID assigned during manufacturing.
Legal Values	String values
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.SNAPI (Read Only)

Description	Indicates the adapter supports SNAPI functionality by either special interfacing to the PCI slot connector or via cabling to another PCI slot.
Help Text	Indicates whether SNAPI functionality is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.NetworkLinkType (Read or Write)

Description	Select the protocol type to be used on a port that supports multiple fabric types. NOTE: Implement ONLY if VPI Mode is supported
Help Text	Select port network protocol (Ethernet/InfiniBand)
Legal Values	Ethernet;InfiniBand
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.VPI (Read Only)

Description	Indicates whether Virtual Protocol Interconnect (VPI) functionality is supported.

Help Text	Indicates whether Virtual Protocol Interconnect (VPI) functionality is supported.
Legal Values	Available;Unavailable
Default Value	None
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

InfiniBand.VndrConfigPage.VirtNodeGuid (Read or Write)

Description	Programmatically assignable Node GUID address used when only one PF is assigned to the port. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent Node GUID address is by writing 0s to the virtual Node GUID. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s.
Help Text	Programmatically assignable Node GUID address.
Legal Values	String of up to 19 ASCII characters.
Default Value	0000:0000:0000:0000
Write Privilege	Not Applicable
License Required	Not Applicable
Dependency	None

6

LIFECYCLE Attributes

LifecycleController.LCAttributes.AutoBackup (Read or Write)

Display Name	Automatic Backup Feature
Description	Enables or disables the automatic backup scheduler.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Found
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.AutoDiscovery (Read Only)

Display Name	Auto Discovery
Description	Indicates if Auto Discovery feature is turned off or on.
Legal Values	• Off - 0 • On - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.AutoUpdate (Read or Write)

Display Name	Automatic Update Feature
Description	Enables or disables the automatic update scheduler.
Legal Values	• Disabled - 0

	• Enabled - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Enterprise License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.BIOSRTDRequested (Read or Write)

Display Name	BIOS Reset To Defaults Requested
Description	Allows to reset all the BIOS attributes to the default state. After this property is enabled, restart the server to view the default values of BIOS.
Legal Values	• False - 0 • True - 1 • OEMIDDefaults - 2
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.CollectSystemInventoryOnRestart (Read or Write)

Display Name	Collect System Inventory on Restart
Description	Enables or disables collection of system inventory on host reboot.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.DiscoveryFactoryDefaults (Read Only)

Display Name	Discovery Factory Defaults
Description	Off- Do not reset to factory defaults when performing auto discovery. On-Reset to defaults when performing auto discovery.
Legal Values	• Off - 0 • On - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.IPAddress (Read or Write)

Display Name	IPAddress
Description	IP Address of the network share
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.IPChangeNotifyPS (Read or Write)

Display Name	IPChangeNotifyPS
Description	On- Notify provisioning server of an IP change. Off- Do not notify provisioning server of an IP change.
Legal Values	• Off - 0 • On - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.IgnoreCertWarning (Read or Write)

Display Name	Default Ignore Certificate warning
Description	Ignore Certificate warning default when not provided.
Legal Values	• Off - 0 • On - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.Licensed (Read Only)

Display Name	Licensed
Description	Indicates if the Part Replacement feature is licensed or not
Legal Values	• No - 0 • Yes - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.LifecycleControllerState (Read or Write)

Display Name	Lifecycle Controller State
Description	Enables or disables Lifecycle Controller.
Legal Values	• Disabled - 0 • Enabled - 1

	• Recovery - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.PartConfigurationUpdate (Read or Write)

Display Name	Part Configuration Update
Description	Apply hardware configuration to the replaced part on part replacement.
Legal Values	• Disabled - 0 • Apply Always - 1 • Apply only if Firmware Match - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.PartFirmwareUpdate (Read or Write)

Display Name	Part Firmware Update
Description	Apply firmware changes to the replaced part on part replacement.
Legal Values	• Disable - 0 • Allow version upgrade only - 1 • Match firmware of replaced part - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.ProvisioningServer (Read or Write)

Display Name	Provisioning Server
Description	Provisioning server address and port.
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.StorageHealthRollupStatus (Read Only)

Display Name	Storage Health Rollup Status
Description	No description information available.
Legal Values	Integer values from 1 to 4.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.SystemID (Read Only)

Display Name	SYSID
Description	Dell System ID
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.UpdateNotification (Read or Write)

Display Name	SWI Available Version Cache Refresh
Description	This attribute enables firmware update notifications from the Dell Repository at https://downloads.dell.com.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

LifecycleController.LCAttributes.UserProxyPassword (Read or Write)

Display Name	Default Proxy Password
Description	Proxy Password default if not provided
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.UserProxyPort (Read or Write)

Display Name	Default Proxy Port setting
Description	Proxy Port default if not provided. Proxy Port is limited to values in the range of 0 - 65535.
Legal Values	String of up to 5 ASCII characters.
Default Value	80
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.UserProxyServer (Read or Write)

Display Name	Default Proxy Server setting
Description	Proxy Server default if not provided.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.UserProxyType (Read or Write)

Display Name	Default Proxy type
Description	Proxy Type default if not provided
Legal Values	• HTTP - 0 • SOCKS - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.UserProxyUserName (Read or Write)

Display Name	Default Proxy User name
Description	Proxy User name default if not provided.

Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.LCAttributes.VirtualAddressManagementApplication (Read or Write)

Display Name	VirtualAddressManagementApplication
Description	The console name of the Virtual Address Management Application,VirtualAddressManagement attribute is set to CurrentValue equals Console
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	No
Notes	A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

LifecycleController.OSD.SupportedOSList (Read Only)

Display Name	Supported OS List
Description	Lists all the supported Operating Systems for OS Deployment.
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

7

NIC Attributes

NIC.ConfigureFormn.BusDeviceFunction[Partition:n] (Read Only)

Description	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier. If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier. Replace n with the number of the partition. Indicates the PCI Address of the partitions Physical Function.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.FCoEOffloadMode[Partition:n] (Read or Write)

Description	Enable/Disable the FCoE personality on the partition. Replace n with the number of the partition. Enables the partition for FCoE storage traffic.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.FIPMacAddr[Partition:n] (Read Only)

Description	Permanent FIP-MAC address for FCoE assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Permanent FIP-MAC address for FCoE assigned during manufacturing.

Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.InstanceNumber[Partition:n] (Read Only)

Description	Numeric instance of the partition (e.g. 1st, 2nd, etc.) on the port it belongs to. This identifier is unique for each partition on the port. Replace n with the number of the partition. Instance Number of the partition.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.IscsiFIPMacAddr[Partition:n] (Read Only)

Description	Permanent combination MAC address for iSCSI offload and FIP for FCoE assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Permanent combination MAC address for iSCSI offload and FCoE FIP assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.IscsiMacAddr[Partition:n] (Read Only)

Description	Permanent MAC address for iSCSI offload assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Permanent MAC address for iSCSI offload assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.L2FIPMacAddr[Partition:n] (Read Only)

Description	Permanent combination Ethernet and FIP-MAC address for FCoE assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Permanent combination MAC address for Ethernet and FCoE FIP assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.L2IscsiFIPMacAddr[Partition:n] (Read Only)

Description	The Permanent combination Ethernet, iSCSI Offload and FIP for FCoE MAC address of the partition assigned during manufacturing. Replace n with the number of the partition. The current address value should be readable at all times, irrespective of feature and partition enablement. Permanent combination MAC address for Ethernet, iSCSI Offload and FCoE FIP assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.L2IscsiMacAddr[Partition:n] (Read Only)

Description	The Permanent combination Ethernet and iSCSI Offload MAC address of the partition assigned during manufacturing. Replace n with the number of the partition. The current address value should be readable at all times, irrespective of feature and partition enablement. Permanent combination MAC address for Ethernet and iSCSI Offload assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.MacAddr[Partition:n] (Read Only)

Description	The Permanent MAC address of the partition assigned during manufacturing. Replace n with the number of the partition. The current address value should be readable at all times, irrespective of feature and partition enablement. Permanent MAC address assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NicMode[Partition:n] (Read or Write)

Description	Enable/Disable the NIC personality on the partition. Replace n with the number of the partition. Note: This personality type should be specified as the partition 1 default if RDMA is not supported or has dependencies on other device modes or settings. The default setting should be disabled for other partitions on the port. Specify use of the partition for L2-Ethernet traffic.
Legal Values	• Enabled • Disabled
Default Value	Varies
Write Privilege	N/A

License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NodeGuid[Partition:n] (Read Only)

Description	The permanent partition Node GUID assigned to the partition (PF) during manufacturing used when more than one PF is assigned to the port. The permanent Node GUID assigned to the partition during manufacturing
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NumberVFAdvertised[Partition:n] (Read or Write)

Description	This value is the number of PCI Virtual Functions Advertised by the partition in PCI config space when operating in the NPar+SR-IOV virtualization mode. The value of this attribute may be the same across partitions or be settable on an individual partition basis depending on implementation. Note: This attribute is only defined for the browser and does NOT have any x-UEFI mapping. VF allocation is set via the VFDistribution attribute in x-UEFI. There will be an instance of this attribute for each partition. Replace n in the AttributeName with the number of the partition. Specify the number of PCI Virtual Functions (VFs) to be advertised on this partition (PF) in PCI config space. The number of advertised VFs on each partition must add up to be less than or equal to the number of PCI Virtual Functions supported by the device or port. [VENDOR modify appropriately for the implementation].
Legal Values	Integer values from 0 to 256.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NvmeTcpBusDeviceFunction[Partition:n] (Read Only)

Description	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier of the NVMe/TCP PF . If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier of the NVMe/TCP PF. Indicates the PCI Address of the NVMe/TCP partitions Physical Function.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NvmeTcpMacAddr[Partition:n] (Read Only)

Description	Permanent MAC address for NVMe/TCP Offload operation assigned during manufacturing. If supported, the current address value should be readable at all times, irrespective of feature enablement. Permanent MAC address for NVMe/TCP assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NvmeTcpOffloadMode[Partition:n] (Read or Write)

Description	Enable/Disable the NVMe/TCP offload personality on the partition. Replace n with the number of the partition. Specify use of the partition for NVMe/TCP offload storage traffic.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.NvmeTcpPCIDeviceID[Partition:n] (Read Only)

Description	PCI Device ID reported by the NVMe/TCP PF when operating in NPar modes. PCI Device ID of the NVMe/TCP partitions Physical Function.
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.PCIDeviceID[Partition:n] (Read Only)

Description	PCI Device ID of the partition. Replace n with the number of the partition. PCI Device ID of the partition.
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.PortGuid[Partition:n] (Read Only)

Description	The permanent Port GUID assigned to the partition (PF) during manufacturing used when more than one PF is assigned to the port. The permanent Port GUID assigned to the partition during manufacturing.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.PortNumber[Partition:n] (Read Only)

Description	Port that the partition belongs to. Replace n with the number of the partition. Port that the partition belongs to. Replace n with the number of the partition.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.RDMANICModeOnPartition (Read or Write)

Description	Enable/Disable the NIC + RDMA personality on the partition. This setting is for when operating in NPar mode only. Replace n with the number of the partition. Note: This personality type may be specified as the partition default if RDMA traffic can be supported irrespective of any other device setting. Specify use of the partition for both L2-Ethernet and RDMA traffic. [Vendor may want to customize type of RDMA supported].
Legal Values	• Enabled • Disabled
Default Value	Varies
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.RDMANICModeOnPartition[Partition:n] (Read or Write)

Description	Enable/Disable the NIC + RDMA personality on the partition. This setting is for when operating in NPar mode only. Replace n with the number of the partition. Note: This personality type may be specified as the partition default if RDMA traffic can be supported irrespective of any other device setting. Specify use of the partition for both L2-Ethernet and RDMA traffic. [Vendor may want to customize type of RDMA supported].

Legal Values	• Enabled • Disabled
Default Value	Varies
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.SVLanId[Partition:n] (Read or Write)

Description	Specify the value of the S-VLAN ID to be used by the partition for all traffic when operating in the Advanced NPar mode. The S-VLAN ID must be unique per partition and in the range from 3 to 4094. NOTE : This attribute shall only be implemented when Advanced NPar is supported. Specify the S-VLAN ID to be used by the partition in Advanced NPar mode. The S-VLAN ID must be unique per partition and in the range from 3 to 4094. Default value will be partition number + 2
Legal Values	Integer values from 3 to 4094.
Default Value	Partition number + 2
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtFIPMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Programmatically assignable FIP-MAC address for the FCoE partition.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtIscsiFIPMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable combination iSCSI Offload and FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Programmatically assignable combination MAC address for iSCSI Offload and FCoE FIP.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtIscsiMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable MAC address for iSCSI offload. Programmatic write for support of I/O Identity feature. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Programmatically assignable MAC address for the iSCSI offload partition.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtL2FIPMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable combination FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should

	be readable at all times, irrespective of feature and partition enablement. Programmatically assignable combination MAC address for Ethernet and FCoE FIP.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtL2IscsiFIPMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable combination Ethernet, iSCSI Offload and FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Programmatically assignable combination MAC address for Ethernet, iSCSI Offload and FCoE FIP.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtL2IscsiMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable combination MAC address for Ethernet and iSCSI offload. Programmatic write for support of I/O Identity feature. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Programmatically assignable combination MAC address for Ethernet and iSCSI Offload.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable MAC address. Programmatic write for support of I/O Identity feature. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement. Programmatically assignable MAC address for partition.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtNodeGuid[Partition:n] (Read or Write)

Description	Programmatically assignable partition Node GUID address used when more than one PF is assigned to the port. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent partition Node GUID address is by writing 0s to the virtual partition Node GUID. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. Programmatically assignable Node GUID address of the partition.
Legal Values	String of up to 19 ASCII characters.
Default Value	0000:0000:0000:0000
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtNvmeTcpMacAddr[Partition:n] (Read or Write)

Description	Programmatically assignable MAC address for NVMe/TCP offload. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address should be readable at all times, irrespective of feature enablement. Programmatically assignable MAC address for the NVMe/TCP offload partition.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtPortGuid[Partition:n] (Read or Write)

Description	Programmatically assignable partition Port GUID address used when more than one PF is assigned to the port. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent partition GUID address is by writing 0s to the virtual partition GUID. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. Programmatically assignable Port GUID address of the partition.
Legal Values	String of up to 19 ASCII characters.
Default Value	0000:0000:0000:0000
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtWWN[Partition:n] (Read or Write)

Description	Programmatically assignable Fibre Channel World Wide Node Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addesss as defined in Y741D. Replace n with the number of the partition. The supported method of clearing this virtual address is by writing 0s as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. . Programmatically assignable Fibre Channel World Wide Node Name identifier for partition FCoE.
Legal Values	String of up to 23 ASCII characters.
Default Value	00:00:00:00:00:00:00:00

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.VirtWWPN[Partition:n] (Read or Write)

Description	Programmatically assignable Fibre Channel World Wide Port Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addesss as defined in Y741D. Replace n with the number of the partition. The supported method of clearing this virtual address is by writing 0s as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. Programmatically assignable Fibre Channel World Wide Port Name identifier for partition FCoE.
Legal Values	String of up to 23 ASCII characters.
Default Value	00:00:00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.WWN[Partition:n] (Read Only)

Description	Fibre Channel World Wide Node Name identifier for FCoE. Replace n with the number of the partition. Fibre Channel World Wide Node Name identifier for FCoE. Replace n with the number of the partition.
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.WWPN[Partition:n] (Read Only)

Description	Fibre Channel World Wide Port Name identifier for FCoE assigned during manufacturing. Replace n with the number of the partition. Fibre Channel World Wide Port Name identifier for FCoE assigned during manufacturing. Replace n with the number of the partition.

Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.ConfigureFormn.iScsiOffloadMode[Partition:n] (Read or Write)

Description	Enable/Disable the iSCSI offload personality on the partition. Replace n with the number of the partition. Specify use of the partition for iSCSI offload storage traffic.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• Autocomplete will not work if you replace n with the index in this object. You have to type NIC.ConfigureFormn and press tab to view the list of attributes. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DCBSettings.CongestionNotification (Read Only)

Description	Indicates whether Congestion Notification capability is supported. Indicates whether Congestion Notification capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DCBSettings.EnhancedTransmissionSelection (Read Only)

Description	Indicates whether Enhanced Transmission Selection capability is supported. Indicates whether Enhanced Transmission Selection capability is supported.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DCBSettings.PriorityFlowControl (Read Only)

Description	Indicates whether the Priority Flow Control capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.AdvNParSupport (Read Only)

Description	Indicates whether Advanced NPar S-Tag functionality is supported. Indicates whether Advanced NPar S-Tag functionality is supported.
Legal Values	String of ASCII characters.
Default Value	N/A
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.EVBModesSupport (Read Only)

Description	Indicates the type of EVB Modes supported. Indicates the type of EVB Modes supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.NParEP (Read or Write)

Description	Controls enablement of NParEP mode in which more than 8 PCI Physical Functions are exposed by the device. When disabled, the device must expose only a maximum of 8 PFs in the traditional PCI B:D:F addressing mode, regardless of any ARI capability being advertised for SR-IOV support. [Not to be implemented if not supported] Note: Not all PCI slots in all servers are capable of supporting virtualization features based on ARI and SR-IOV. The controller should check PCI config space settings to ensure that vitualization modes are available before allowing their selection by the user. NParEP mode enables more than 8 partitions on the device. It must not be enabled if the system and OS do not support devices with more than 8 PCI Physical Functions.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.NumPorts (Read or Write)

Description	Configuration control for Controllers that have the ability to support different port counts per SFF (e.g., SFP-DD, QSFP) or backplane interface. Controllers on implementations that are fixed in their number of ports shall not implement this attribute. This attribute is defined as device-level due to symmetry expectations, if symmetry is not a requirement, it should be implemented at the port level. Specify the total number of ports to be configured on the physical interfaces. [VENDOR to modify appropriately]
Legal Values	• 1 • 2 • 4 • 8
Default Value	varies
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.NumberVFSupported (Read Only)

Description	The total number of PCI Virtual Functions supported on this port (or device). Whether the number applies to the device as a whole, or to an individual port, is indicated by the value of the Virtual Function Allocation Basis. The number of virtual functions supported on this port (or device) [VENDOR modify appropriately for the implementation].
Legal Values	Integer values from 0 to 256.

Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.PTMSupport (Read Only)

Description	Indicates whether the controller and the overall implementation supports Precision Time Management as defined by the PCI SIG. Indicates whether the controller as implemented supports Precision Time Management
Legal Values	String of ASCII characters.
Default Value	N/A
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.PartitionStateInterpretation (Read Only)

Description	Describes how partitioning is implemented and how the PartitionState attribute is used in the controller. A value of Fixed signifies that partition states are locked and that the current values of PartitionState[n] will not change. A value of Variable signifies that PartitionState[n] may/will change values during the course of device operation as a result of user configuration. Implementations that support changes in PartitionState must implement this attribute. The Default value is implementation dependent. Describes how partitioning is implemented and how the PartitionState attribute is used in the controller.
Legal Values	• Fixed • Variable
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.RDMAApplicationProfile (Read or Write)

Description	Indicates what RDMA configuration profiles are supported by the controller. [Vendor input requested if 1) additional profiles are thought to be needed, 2) if the appl profile can vary by port or partitionm and 3) if appl profiles are supported on a partition basis]. Note: RoCE 1 and RoCE 2 are vendor-specific profiles and should not be interpreted as a version of RoCE. Specify the RDMA application profile setting to use in operation. [Vendor to clarify availability and usage].
Legal Values	• Storage • HPCC • RoCE 1 • RoCE 2
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.RDMAProtocolSupport (Read Only)

Description	Indicates what RDMA protocol support is enabled by the controller. Implement as ReadOnly and browser suppressed if the controller only supports one type of RDMA; R/W and not browser suppressed if multiple settings are supported and selectable. [Vendor to provide default setting information] Specify what RDMA Protocol is to be used in operation. [Vendor modify as appropriate].
Legal Values	• iWARP • RoCE • iWARP + RoCE
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.RDMASupport (Read Only)

Description	Capability indicator for controllers supporting Remote Direct Memory Management (RDMA), the remote memory management capability that allows server to server data movement directly between application memory without any CPU involvement. Indicates whether any RDMA protocol is supported by the controller.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.SRIOVSupport (Read Only)

Description	Indicates whether SR-IOV capability is supported Indicates whether SR-IOV capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.STagEtherType (Read or Write)

Description	Specifies the EtherType to be used by all partitions on the port when Advanced NPar S-tagging is enabled in the Virtualization Mode setting. NOTE: This attribute shall only be implemented when Advanced NPar is supported. Specify the EtherType to be used when using Advanced NPar S-tagging.
Legal Values	• 0x88a8 • 0x9100
Default Value	0x88a8
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.VFAllocBasis (Read Only)

Description	Defines the domain in which Virtual Functions are allocated; either Port or Device. Note: A device which implements less than 1 PF per physical port must use Device level VF allocation. Defines the domain in which Virtual Functions are allocated.
Legal Values	• Port • Device
Default Value	None
Write Privilege	N/A

License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.VFAllocMult (Read Only)

Description	Defines the multiple (e.g. x1, x4, x8, etc.) in which VFs must be allocated to a PF. [VENDOR provide appropriate help text for the implementation - what is allowed, etc].
Legal Values	Integer values from 1 to 255.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.DeviceLevelConfig.VirtualizationMode (Read or Write)

Description	The Virtualization Mode setting for the device. Note: Not all PCI slots in all servers are capable of supporting virtualization features based on ARI and SR-IOV. The implementation shall check the state of the ARI forwarding bit in the immediate upstream PCI ports config space settings (Device Control Register 2, bit 5) to ensure that it is set before before allowing the selection of SR-IOV and NParEP by the user, if not, those selections shall be disallowed. Specify the type of virtualization used by the controller on all ports.
Legal Values	• None • NPar • SR-IOV • NPar + SR-IOV • Advanced NPar • Advanced NPar + SR-IOV
Default Value	NONE
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	• To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed. • Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.AddressingMode (Read Only)

Description	Addressing Mode utilized for FCoE transactions Specify whether SPMA or FPMA addressing will be used for FCoE transactions.

Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MTUReconfigurationSupport (Read Only)

Description	Indicates whether the MTU Reconfiguration capability is supported. Indicates whether the MTU Reconfiguration capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxFrameSize (Read Only)

Description	The maximum frame size of each FCoE frame. Maximum frame size of each FCoE frame.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxIOsPerSession (Read Only)

Description	The maximum number of IOs supported per session. Maximum number of IOs supported per session.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxNPIVPerPort (Read Only)

Description	The maximum number of NPIV WWNs per port. Maximum number of NPIV WWNs per port.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxNumberExchanges (Read Only)

Description	The maximum number of exchanges supported. Maximum number of exchanges supported.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxNumberLogins (Read Only)

Description	The maximum number of logins supported per port. Maximum number of logins supported per port.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxNumberOfFCTargets (Read Only)

Description	The maximum number of FC targets supported. Maximum number of FC targets supported.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCOECapabilities.MaxNumberOutStandingCommands (Read Only)

Description	The maximum number of outstanding commands supported across all sessions. Maximum number of outstanding commands supported across all sessions.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.BootOrderFirstFCoETarget (Read or Write)

Description	Setting to specify whether and in what order a boot from the ports first defined target is attempted. The current implementation allows for four potential boot targets to be defined per FCoE boot-capable port. Each target carries a boot order attribute. From all of the targets defined in all the vendors FCoE boot ports in the system, the user may select a maximum of four targets to attempt to boot from, assigning a boot order value from one to four (first to last). Targets not selected must be given a value of 0. The settings of one to four must be unique in the system; there must be no duplication of the values one to four in either the same port or in different ports across the system. The driver will enforce this requirement (a target previously assigned a boot order value of x is set to 0 when a new target is assigned a value of x). Specify this ports place in the FCoE boot order 1-4 or 0=disabled.
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.BootOrderFourthFCoETarget (Read or Write)

Description	Setting to specify whether and in what order a boot from the ports fourth defined target is attempted. Specify this ports place in the FCoE boot order 1-4 or 0=disabled.
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A

License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.BootOrderSecondFCoETarget (Read or Write)

Description	Setting to specify whether and in what order a boot from the ports second defined target is attempted. Specify this ports place in the FCoE boot order 1-4 or 0=disabled.
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.BootOrderThirdFCoETarget (Read or Write)

Description	Setting to specify whether and in what order a boot from the ports third defined target is attempted. Specify this ports place in the FCoE boot order 1-4 or 0=disabled.
Legal Values	Integer values.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.ConnectFirstFCoETarget (Read or Write)

Description	Setting to enable whether first target connection is attempted. Specify whether the FCoE initiator is to connect to the first FCoE storage target.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.FirstFCoEBootTargetLUN (Read or Write)

Description	LUN of the first FCoE storage target that the FCoE initiator will boot the system from when the Connect attribute is enabled. Specify the boot Logical Unit Number (LUN) of the first FCoE storage target that will be used by the FCoE initiator.
Legal Values	Integer values from 0 to 18446744073709551615.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.FirstFCoEFCFVLANID (Read or Write)

Description	Attribute for configuring the VLAN ID to be used to connect to the first FC storage target. Specify the VLAN ID to be used in connecting to the first FC storage target.
Legal Values	Integer values from 1 to 4094.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.FirstFCoEWWPNTarget (Read or Write)

Description	World Wide Port Name of the first FCoE storage target. Note: At present, the Dell FCoE information model only defines one storage target. Specify the World Wide Port Name (WWPN) of the first FCoE storage target.
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEConfiguration.MTUParams (Read or Write)

Description	Configure scoping of the MTU setting. Specify the scope of the MTU (Maximum Transmission Unit) parameter.
Legal Values	• Global • Per DCB Priority • Per VLAN
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEGenParams.FCoEBootScanSelection (Read or Write)

Description	Configuration of the ports behavior in booting the system from FC Target(s). Only behaviors supported by the option-ROM need to be implemented. In the following cases, no fabric discovery shall be attempted: Disabled - Initiator does not attempt to boot. Specified LUN - Initiator attempts to boot to the specified World Wide Port Name and LUN for 1st target, if that fails then a boot using the 2nd target parameters shall be attempted. In the following cases, fabric discovery shall be attempted and the resulting discovered targets will be put in a list sorted by the reported FC destination ID. This list will be checked in order until the selected LUN policy is met: First LUN - attempt boot from the first bootable LUN of the targets discovered by adapter. First LUN 0 - attempt boot from the first bootable LUN 0 of the targets discovered by adapter. First LUN Not LUN 0 - attempt boot from the first bootable LUN that is not LUN 0 of the targets discovered by adapter. Fabric Discovered LUN - attempt boot based on the LUN assignment provided by management infrastructure in the fabric. Specify the FCoE initiator behavior for booting the system from specified Fibre Channel boot target(s) or fabric discovered target(s).
Legal Values	• Disabled • First LUN • First LUN 0 • First LUN Not LUN 0 • Fabric Discovered LUN • Specified LUN
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEGenParams.FCoEFabricDiscoveryRetryCnt (Read or Write)

Description	Retry count for FCoE fabric discovery. Specify the retry count for FCoE fabric discovery.

Legal Values	Integer values from 0 to 60.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEGenParams.FCoEFirstHddTarget (Read or Write)

Description	Specifies whether the FCoE target is represented as the first HDD to the system. Specify whether the FCoE target is represented as the first HDD to the system.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEGenParams.FCoELnkUpDelayTime (Read or Write)

Description	Controls how long the FCoE initiator waits, in seconds, after an Ethernet link is established before sending any data over the network Specify how long the FCoE Initiator waits after an Ethernet link is established before sending any data over the network. Units are in seconds.
Legal Values	Integer values from 0 to 255.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEGenParams.FCoELunBusyRetryCnt (Read or Write)

Description	Controls the number of connection retries the FCoE boot initiator will attempt if the FCoE target LUN is busy. Specify the number of connection retries the FCoE boot initiator will attempt if the FCoE target LUN is busy.
Legal Values	Integer values from 0 to 60.
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FCoEGenParams.FCoETgtBoot (Read or Write)

Description	Attribute for setting whether system boot to the FCoE target is attempted. Enables the FCoE initiator to boot the system to the FCoE target. One Time Disabled disables FCoE boot for the next (current) boot, after which it is enabled.
Legal Values	• Enabled • Disabled • One Time Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FrmwImgMenu.ControllerBIOSVersion (Read Only)

Description	Controller BIOS version information Installed device BIOS version information.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FrmwImgMenu.EFIVersion (Read Only)

Description	EFI device driver version information. Installed device EFI driver version information.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.FrmwImgMenu.FamilyVersion (Read Only)

Description	Firmware family version information. Same as what is returned in the PackageVersionName field by the Firmware Management Protocol GetPackageInfo() call. Installed device firmware family version information.
Legal Values	String of up to 11 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.GlobalBandwidthAllocation.MaxBandwidth[Partition:n] (Read or Write)

Description	The maximum percentage of port TX bandwidth allocated to the partition. Oversubscription is allowed. Specified on a per partition basis. Replace n with the number of the partition. Maximum Bandwidth represents the maximum transmit bandwidth of the partition as a percentage of the full physical port link speed. The Maximum Bandwidth range is 0-100 percent for each enabled partition.
Legal Values	Integer values from 0 to 100.
Default Value	100
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.GlobalBandwidthAllocation.MinBandwidth[Partition:n] (Read or Write)

Description	The minimum percentage of port TX bandwidth allocated to the partition. Alternatively, this value represents a relative bandwidth weighting of partition traffic to other partitions. Specified on a per partition basis. Replace n with the number of the partition. [Vendor: modify as appropriate.] Minimum Bandwidth represents the minimum transmit bandwidth of the partition as a percentage of the full physical port link speed. The Minimum Bandwidth range is 0-100 percent for each enabled partition.
Legal Values	Integer values from 0 to 100.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.ConnectFirstTgt (Read or Write)

Description	Setting to enable whether connection to the first target is attempted. Enable connecting to the first iSCSI target.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtBootLun (Read or Write)

Description	Specifies the first iSCSI target boot LUN. Specify the boot Logical Unit Number (LUN) on the first iSCSI storage target.
Legal Values	Integer values from 0 to 18446744073709551615.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtChapId (Read or Write)

Description	First Target CHAP ID (up to 128 characters in length). If only a single value of CHAP ID supported then it is stored here. Specify the first iSCSI storage target Challenge-Handshake Authentication Protocol (CHAP) ID. [vendor to specify what is allowed].
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtChapPwd (Read or Write)

Description	First Target CHAP Secret (0 or 12 to 16 characters in length). If only a single value of CHAP Secret is supported then it is stored here. Specify the Challenge-Handshake Authentication Protocol secret (CHAP password) of the first iSCSI storage target. [Vendor to specify what is allowed].
Legal Values	String of up to 16 ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtIpAddress (Read or Write)

Description	First iSCSI target IP address. Will be either IPv4 or IPv6 format depending on the value of the FirstTgtIpVer attribute. Specify the IP address of the first iSCSI target.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtIpVer (Read or Write)

Description	Setting displays and allows configuration of IP version used for first iSCSI target when iSCSIDualIPVersionSupport is available. Specify whether IPv4 or IPv4 network addressing will be used for first iSCSI target.
Legal Values	• IPv4 • IPv6
Default Value	IPv4
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtIscsiName (Read or Write)

Description	The iSCSI Qualified Name (IQN) of the first target. Specify the iSCSI Qualified Name (IQN) of the first iSCSI storage target.
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiFirstTgtParams.FirstTgtTcpPort (Read or Write)

Description	TCP Port number of the first iSCSI target. Specify the TCP Port number of the first iSCSI target.
Legal Values	Integer values from 1 to 65535.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.ChapAuthEnable (Read or Write)

Description	Setting to enable CHAP Authentication for iSCSI initiator. Enable the ability of the initiator to use CHAP authentication when connecting to the iSCSI target.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.ChapMutualAuth (Read or Write)

Description	Setting to enable mutual CHAP authentication between the iSCSI initiator and target. To use mutual CHAP authentication, specify an initiator secret on the Initiator Parameters page and configure that secret on the target.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.DhcpVendId (Read or Write)

Description	Vendor ID as presented to DHCP service. Control what Vendor ID is presented to the DHCP service.
Legal Values	String of up to 255 ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.FirstHddTarget (Read or Write)

Description	Enable/Disable the target appearing as the first hard disk drive (HDD) in the system when iSCSI booting. Specify whether the iSCSI target appears as the first hard disk drive (HDD) in the system.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.IpAutoConfig (Read or Write)

Description	Setting to enable acquisition of IPv6 TCP/IP parameters from DHCP. This option is specific to IPv6. Controls the source of the initiator IP address, DHCP or static assignment.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.IpVer (Read or Write)

Description	Setting displays and allows configuration of the IP version used by iSCSI initiator and targets (Initiator only when a seperate target ipver is implemented). If only one IP version is supported, this attribute should be set to that version and be made Read Only. Specify whether IPv4 or IPv6 network addressing will be used for iSCSI initiator and targets (Applies to the Initiator only when a seperate target IP Version is implemented). [Vendor to provide implementation-specific language].
Legal Values	• IPv4 • IPv6 • None
Default Value	IPv4
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.IscsiTgtBoot (Read or Write)

Description	Boot to iSCSI target after connection. Specify whether the iSCSI initiator will boot to the specified iSCSI target after connection. One Time Disabled disables iSCSI boot for the next (current) boot, after which it is enabled.
Legal Values	• Enabled • Disabled • One Time Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.IscsiVLanId (Read or Write)

Description	VLAN ID used for iSCSI boot. Specify the VLAN ID to be used for iSCSI boot mode. The VLAN ID must be in the range from 1 to 4094. [Vendor confirm support for this range].
Legal Values	Integer values from 1 to 4094.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.IscsiVLanMode (Read or Write)

Description	Enable/Disable Virtual LAN mode for iSCSI boot. Specify use of a VLAN tag to be used by iSCSI boot.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.IscsiViaDHCP (Read or Write)

Description	Setting to enable acquisition of iSCSI target parameters from DHCP. Enables the acquisition of iSCSI target parameters from DHCP.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.LnkUpDelayTime (Read or Write)

Description	The time to wait for the link to establish before driver initialization. Specifies how long the iSCSI boot host software should wait, in seconds, after an Ethernet link is established before sending any data over the network.
Legal Values	Integer values from 0 to 255.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.LunBusyRetryCnt (Read or Write)

Description	Controls the retry count for target. Specify the number of connection attempts the iSCSI boot initiator will attempt if the iSCSI target LUN is busy.
Legal Values	Integer values from 0 to 60.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.TcpIpViaDHCP (Read or Write)

Description	Setting to enable acquisition of IPv4 TCP/IP parameters from DHCP This option is specific to IPv4. Controls the source of the initiator IP address, DHCP or static assignment.
Legal Values	• Enabled • Disabled

Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.TcpTimestmp (Read or Write)

Description	Enable/Disable use of TCP timestamps in network packets Specify use of TCP timestamps in network packets, as defined in RFC 1323.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiGenParams.WinHbaBootMode (Read or Write)

Description	Controls if adapter boots as an iSCSI Offload HBA or uses software initiator mode Enable iSCSI Offload HBA boot mode and disables iSCSI software initiator boot mode.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorChapId (Read or Write)

Description	Initiator CHAP ID (up to 128 characters in length). If this can be set on a per target basis, then the first target value shall be stored here. Specify the iSCSI initiator Challenge-Handshake Authentication Protocol (CHAP) ID. [Vendor to describe what is allowed].
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorChapPwd (Read or Write)

Description	iSCSI initiator CHAP secret (0 or 12 to 16 characters in length). If this can be set on a per target basis, then the value for the first target shall be stored here. Specify the iSCSI initiator Challenge-Handshake Authentication Protocol (CHAP) secret (password). [Vendor to describe what is allowed].
Legal Values	String of up to 16 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorGateway (Read or Write)

Description	iSCSI initiator default Gateway IP address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute. Specify the IP address of the default Gateway used by the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpAddr (Read or Write)

Description	The iSCSI initiator IP address. Will be either in IPv4 or IPv6 format depending on value of the IpVer attribute. Specify the IP address of the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv4Addr (Read or Write)

Description	The iSCSI initiator IP address in IPv4 format when iSCSIDualIPVersionSupport is available. Specify the IPv4 address of the iSCSI initiator.
Legal Values	String of up to 15 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv4Gateway (Read or Write)

Description	The iSCSI initiator default Gateway IP address in IPv4 format when iSCSIDualIPVersionSupport is available. Specify the IPv4 IP address of the default Gateway used by the iSCSI initiator.
Legal Values	String of up to 15 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv4PrimDns (Read or Write)

Description	iSCSI initiator Primary DNS IP Address in IPv4 format when iSCSIDualIPVersionSupport is Available. Specify the IPv4 IP address of the Primary DNS used by the iSCSI initiator.
Legal Values	String of up to 15 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv4SecDns (Read or Write)

Description	iSCSI initiator Secondary DNS IP address in IPv4 format when iSCSIDualIPVersionSupport is Available. Specify the IPv4 IP address of the Secondary DNS used by the iSCSI initiator.
Legal Values	String of up to 15 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv6Addr (Read or Write)

Description	The iSCSI initiator IP address in IPv6 format when iSCSIDualIPVersionSupport is available. Specify the IPv6 IP address of the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv6Gateway (Read or Write)

Description	The iSCSI initiator default Gateway IP address in IPv6 format when iSCSIDualIPVersionSupport is available. Specify the IPv6 IP address of the default Gateway used by the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv6PrimDns (Read or Write)

Description	The iSCSI initiator Primary DNS IP Address in IPv6 format when iSCSIDualIPVersionSupport is Available. Specify the IPv6 IP address of the Primary DNS used by the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorIpv6SecDns (Read or Write)

Description	The iSCSI initiator Secondary DNS IP address in IPv6 format when iSCSIDualIPVersionSupport is Available. Specify the IPv6 IP address of the Secondary DNS used by the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorName (Read or Write)

Description	Setting to represent and set the iSCSI initiator iSCSI Qualified Name (IQN). Specify the initiators iSCSI Qualified Name (IQN).
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorPrimDns (Read or Write)

Description	The iSCSI initiator Primary DNS IP Address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute. Specify the Primary DNS IP address used by the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorSecDns (Read or Write)

Description	The iSCSI initiator Secondary DNS IP address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute. Specify the Secondary DNS IP address used by the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorSubnet (Read or Write)

Description	The iSCSI initiator Subnet Mask for an IPv4 initiator configuration. Specify the IPv4 Subnet Mask of the iSCSI initiator.
Legal Values	String of up to 15 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiInitiatorParams.IscsiInitiatorSubnetPrefix (Read or Write)

Description	The iSCSI initiator Subnet Mask Prefix for an IPv6 initiator configuration. Specify the IPv6 Subnet Mask Prefix of the iSCSI initiator.
Legal Values	String of up to 39 ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.ConnectSecondTgt (Read or Write)

Description	Setting to enable whether connection to the second target is attempted. Enable connecting to the second iSCSI target.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtBootLun (Read or Write)

Description	Specifies the second iSCSI target boot LUN. Specify the boot Logical Unit Number (LUN) on the second iSCSI storage target.
Legal Values	Integer values from 0 to 18446744073709551615.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtChapId (Read or Write)

Description	Second Target CHAP ID (up to 128 characters in length). If only a single value of CHAP ID supported for all targets then it is stored here Specify the Challenge-Handshake Authentication Protocol (CHAP) ID of the second iSCSI storage target. [Vendor to specify what is allowed].
Legal Values	String of up to 128 ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtChapPwd (Read or Write)

Description	Second Target CHAP Secret (0 or 12 to 16 characters in length). If only a single value of CHAP Secret is supported then it is stored here Specify the Challenge-Handshake Authentication Protocol (CHAP) secret (target CHAP password) of the second iSCSI storage target. [Vendor to specify what is allowed].
Legal Values	String of up to 16 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtIpAddress (Read or Write)

Description	Second iSCSI target IP address. Will be either IPv4 or IPv6 format depending on the value of the SecondTgtIpVer attribute Specify the IP address of the second iSCSI target.
Legal Values	String of up to 39 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtIpVer (Read or Write)

Description	Setting displays and allows configuration of IP version used for second iSCSI target when iSCSIDualIPVersionSupport is available Specify whether IPv4 or IPv4 network addressing will be used for the second iSCSI target.
Legal Values	• IPv4 • IPv6
Default Value	IPv4

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtIscsiName (Read or Write)

Description	The iSCSI Qualified Name (IQN) of the second target Specify the iSCSI Qualified Name (IQN) of the second iSCSI storage target.
Legal Values	String of up to 223 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondTgtParams.SecondTgtTcpPort (Read or Write)

Description	TCP Port number of second iSCSI target Specify the TCP Port number of the second iSCSI target.
Legal Values	Integer values from 1 to 65535.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondaryDeviceParams.SecondaryDeviceMacAddr (Read or Write)

Description	MAC address of the secondary iSCSI boot adapter. Specify the MAC address of a secondary iSCSI boot adapter for redundancy in case of a boot failure.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondaryDeviceParams.UseIndTgtName (Read or Write)

Description	Use Independent Target Name when multipath I/O is enabled Specify whether to use Independent Target Name when MPIO is enabled.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.IscsiSecondaryDeviceParams.UseIndTgtPortal (Read or Write)

Description	Setting to use independent target portal when multipath I/O is enabled Specify whether to use Independent Target Portal (Enable when using MPIO mode).
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.100Gbps1 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Gbps (1 lane of 100 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.100Gbps2 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Gbps (2 lanes of 50 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.100Gbps4 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Gbps (4 lanes of 25 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.100Mbps (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Mbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable

Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.10Gbps (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 10 Gbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.10Mbps (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 10 Mbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.1Gbps (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 1000 Mbps/1 Gbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A

License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.200Gbps1 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 200 Gbps (1 lane of 200 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.200Gbps2 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 200 Gbps (2 lanes of 100 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.200Gbps4 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 200 Gbps (4 lanes of 50 Gb)
Legal Values	• True • False
Default Value	True

Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.25Gbps (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 25 Gbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.40Gbps (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 40 Gbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.50Gbps1 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 50 Gbps (1 lane of 50 Gb)
Legal Values	• True • False

Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.LnkSpeedConfig.50Gbps2 (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for boot protocol operations and possibly including Wake On LAN and shared LOM management features if separate Vaux link speed control is not supported. This setting is only valid when LnkSpeedMethod is set to Manual and should be greyed out when set to Auto. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 50 Gbps (2 lanes of 25 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.BannerMessageTimeout (Read or Write)

Description	Timeout in seconds for banner display during POST Specify the number of seconds that the OptionROM banner is displayed during POST.
Legal Values	Integer values from 0 to 14.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.BootOptionROM (Read or Write)

Description	This attribute provides enable/disable functionality to the boot entry point (i.e. undi_init) of the legacy Option ROM of the port, effectively controlling the ability to legacy boot via PXE, iSCSI or FCoE. The Option ROM is still required to advertise itself to BIOS and to expose other entry points (such as CLP and UEFI) for configuration purposes if this control is set to disabled. This control must be prohibited from being set to Disabled if the Legacy Boot Protocol attribute is set to anything but None. Controls the enablement of legacy Boot Protocols in the Option ROM.
Legal Values	• Enabled • Disabled
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.BootRetryCnt (Read or Write)

Description	Configure the number of retries in case of boot failure. Specify the number of retries to attempt in case of a boot failure.
Legal Values	• No Retry • 1 Retry • 2 Retries • 3 Retries • 4 Retries • 5 Retries • 6 Retries • Indefinite Retries
Default Value	NoRetry
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.BootStrapType (Read or Write)

Description	Configure the boot strap mechanism used to boot to the OS. Specify the boot strap method used to boot to the operating system.
Legal Values	• Auto Detect • BBS • Int 18h • Int 19h
Default Value	AutoDetect
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.FWBootProtocol (Read or Write)

Description	Selection of the boot protocol for the CNA port when the boot process is local to the controller. Select the boot protocol to be used for boot operations handled by the adapter. Legacy PXE must be selected when the System Boot Mode is set to Legacy.
Legal Values	• Legacy PXE

- UEFI iSCSI HBA
- UEFI FCoE
- None

Default Value varies

Write Privilege N/A

License Required Not Applicable

Dependency None

Notes Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.HideSetupPrompt (Read or Write)

Description Enable/Disable the option ROM setup prompt (banner) during POST. Specify whether to display or hide the legacy Option ROM setup prompt during system Power On Self Test (POST).

Legal Values

- Enabled
- Disabled

Default Value Disabled

Write Privilege N/A

License Required Express License

Dependency None

Notes Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.LegacyBootProto (Read or Write)

Description Selection of the boot protocol for the port to use in legacy BIOS (non-UEFI) boot mode. The default value of the setting varies by implementation and is defined in ENG0012856. Select a boot protocol to be used in legacy BIOS (non-UEFI) boot mode.

Legal Values

- PXE
- iSCSI
- FCoE
- None
- iSCSI Primary
- iSCSI Secondary
- iPXE without failover
- iSCSI without failover

Default Value varies

Write Privilege N/A

License Required Express License

Dependency None

Notes Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.LnkSpeed (Read or Write)

Description	Selector for link speed(s) to be advertised to link partner for boot operations. Implementations should only include supported link speeds. Existing implementations may remain unchanged, new implementations should not use those speeds listed as deprecated but use the new speeds that have been added that infer what modulation scheme is in use, NRZ or PAM4. New implementations should transition to allow multiple speeds to be selected instead of just one in a simple enumeration scheme. Specifies the port link speed to be used when booting the selected protocol.
Legal Values	• Auto Negotiated • 10 Mbps Half • 10 Mbps Full • 100 Mbps Half • 100 Mbps Full • 1 Gbps • 10 Gbps • 25 Gbps • 40 Gbps • 50 Gbps (2x25) • 50 Gbps (1x50) • 100 Gbps (4x25) • 100 Gbps (2x50) • 100 Gbps (1x100) • 200 Gbps (4x50) • 200 Gbps (2x100) • 200 Gbps (1x200)
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.LnkSpeedMethod (Read or Write)

Description	Replacement for the previously defined LinkSpeed attribute to be used (at least) for those controllers that support speeds above 25 Gbps. This attribute allows the user to select between auto and manual modes of configuring what the port advertises for link negotiation. Select how to choose which port link parameters to advertise for system boot operation, automatically or by user selection. [VENDOR: modify to suit your implementation]
Legal Values	• Auto • Manual
Default Value	Auto
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.NumberVFAdvertised (Read or Write)

Description	This value is the number of PCI Virtual Functions Advertised by the port (function) in PCI config space when SR-IOV is enabled in non-NPar mode. Specify the number of PCI Virtual Functions (VFs) to be advertised on this port in non-NPAR mode.
Legal Values	Integer values from 0 to 256.
Default Value	0
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.PermitTotalPortShutdown (Read or Write)

Description	When implemented and enabled, any port down command from the host OS or driver will cause the network port to completely shut down and cease all operations including support of WoL and NC-SI Pass-through. Shutdown is defined as no electrical activity (e.g., PHY disabled) and no LED activity. It does not imply or require any physical or electrical isolation. Not intended for implementation or use on backplane designs. External network traffic to and from any VF instantiated on any PF on the shut down port is similarly shut down. Maintaining traffic flow between internal functions when the port is shutdown is implementation dependent. Specifies whether or not to allow the port to be completely disabled when a Port Down command is received from the Host OS or driver. NOTE: Use with caution, port shutdown will halt all operations configured on the port including WakeOnLAN and shared LOM. [VENDOR: modify to include any corner cases of the implementation]
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.VLanId (Read or Write)

Description	Specifies the VLAN tag to be used with the selected boot protocol. Specify the VLAN tag to be used with the selected boot protocol. The VLAN ID must be in the range from 1 to 4094. [Vendor to provide implementation-specific language].
Legal Values	Integer values from 1 to 4094.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.VLanMode (Read or Write)

Description	Enable/Disable VLAN tagging on the selected boot protocol. Note: The vendor will have to customize help text to define what boot protocols can use VLAN tagging. Virtual LAN mode enables use of a VLAN tag to be used by [vendor specify boot protocols that support VLAN].
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.WakeOnLan (Read or Write)

Description	Enable/Disable Wake On LAN feature Enables the server to be powered on using an in-band magic packet.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.WakeOnLanLnkSpeed (Read or Write)

Description	Selector for link speed(s) to be advertised to link partner for Vaux operations including Wake On LAN and shared LOM management features. Implementations should only include supported link speeds. Existing implementations may remain unchanged, new implementations should not use those speeds listed as deprecated but use the new speeds that have been added that infer what modulation scheme is in use, NRZ or PAM4. New implementations should transition to allow multiple speeds to be selected instead of just one in a simple enumeration scheme. Select the port speed used for Wake on LAN mode and Vaux Management traffic. [VENDOR to modify appropriately]
Legal Values	• Auto Negotiated • 10 Mbps Half • 10 Mbps Full • 100 Mbps Half • 100 Mbps Full • 1 Gbps • 10 Gbps • 25 Gbps • 40 Gbps • 50 Gbps (2x25) • 50 Gbps (1x50) • 100 Gbps (4x25)

- 100 Gbps (2x50)
- 100 Gbps (1x100)
- 200 Gbps (4x50)
- 200 Gbps (2x100)
- 200 Gbps (1x200)

Default Value	AutoNeg
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICConfig.WakeOnLanLnkSpeedMethod (Read or Write)

Description	Replacement for the previously defined WakeOnLanLnkSpeed attribute to be used (at least) for those controllers that support speeds above 25 Gbps. This attribute allows the user to select between auto and manual modes of configuring what the port advertises for link negotiation. Note: If an implementation only supports one pre-OS link speed configuration, this attribute should not be implemented. Select how to choose which port link parameters to advertise for Wake On LAN and shared LOM modes of operation, automatically or by user selection . [VENDOR: modify to suit your implementation]
Legal Values	• Auto • Manual
Default Value	Auto
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICPartitioningConfig.FlowControlSetting (Read or Write)

Description	Representation and configuration field for Ethernet Flow Control. Note: This setting only controls the ports Flow Control behavior when in NPar modes of operation, but not when PFC is enabled; The OS driver retains control of Flow Control when NPar is not enabled. Specify the type of Ethernet Flow Control to be used by the port when operating in NPar mode.
Legal Values	• Auto • TX:Send Pause on RX Overflow • RX:Throttle TX on Pause Received • TX / RX Flow Control • None
Default Value	Auto
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICPartitioningConfig.NicPartitioning (Read or Write)

Description	Representation and configuration of enablement of partitioning for the device. Note: This attribute is for current HII/UEFI drivers that implement the control ONLY. New HII implementations should only implement the Virtualization Mode attribute. Existing implementations should maintain support for legacy reasons. Enables or disables NIC partitioning for all device ports.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICPartitioningConfig.NumberPCIFunctionsEnabled (Read Only)

Description	The number of PCI Physical Functions currently enabled on this port. The number of PCI Physical Functions currently enabled on this port.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICPartitioningConfig.NumberPCIFunctionsSupported (Read Only)

Description	The number of PCI Physical Functions supported on this port. This value may change depending on the support and configuration of NParEP. The number of PCI Physical Functions supported on this port. This value may change depending on the support and configuration of NParEP.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.NICPartitioningConfig.PartitionState[Partition:n] (Read Only)

Description	Representation of the current enablement state of the partition. There will be an instance of this attribute for each partition. Replace n with the number of the partition. Representation of the current enablement state of the partition.
Legal Values	• Enabled • Disabled
Default Value	Enabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.PortLevelConfig.VFDistribution (Read or Write)

Description	The value is a string of numbers, each seperated by a colon that defines the distribution of VFs to PFs within the domain specified by VFAllocBasis. Each number represents the number of PVI Virtual Functions to be advertised in PCI config space by each partition (PF). The numbers must sum to an amount less than or equal to the NumberVFSupported attribute value. A value appears in the colon separated list for each Physical Function that can potentially be present within the allocation domain, independent of its enablement state. Values in the list from left to right apply to function numbers in the domain from least to greatest. Note1: The regex can only perform basic validation of the string format. Note2: Implementers should replace the "*" in the regex with a bound expression that accurately describes the expected string in the context of a given solution (e.g. where NumberVFSupported is 4, the "*" will be replaced with "{3}"). The vendor must provide the appropriate default string for the implementation. Defines the distribution of VFs to PFs within the domain specified by VFAllocBasis. A value appears in the colon separated list for each Physical Function that can potentially be present within the allocation domain. Values in the list from left to right apply to function numbers in the domain from least to greatest. [VENDOR modify appropriately]
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.BlnkLeds (Read or Write)

Description	Blink LEDs for a duration of up to 15 seconds. Only valid for adapters with link LEDs. Specify the number of seconds the LEDs on the physical network port should blink to assist with port identification.
Legal Values	Integer values from 0 to 15.
Default Value	15
Write Privilege	N/A
License Required	Express License

Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.BusDeviceFunction (Read Only)

Description	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier. If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier. Indicates the PCI Address of the Physical Function assigned to the port.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.ChipMdl (Read Only)

Description	This attribute consists of the concatenation of 2 different elements, a vendor-defined silicon marketing name and the silicon revision information as specified in PCI configuration space, separated by space. For example: R720 B0. Specifies the Chip Type.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.DCBXSupport (Read Only)

Description	Indicates whether Data Center Bridging eXchange Protocol (DCBX) is supported. Specify whether Data Center Bridging eXchange Protocol (DCBX) is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.DeviceName (Read Only)

Description	Official product name of the device. Official product name of the device.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.EEEControl (Read or Write)

Description	Enables or Disables the Energy Efficient Ethernet feature on the port if supported by the device. If the scope of the control is not port level, then consultation with Dell is required. The default value of this attribute is specified in the EHRD for the implementation and will not be the same for all adapters. Note: Do not implement if EEE is not supported by the implementation (i.e., the EnergyEfficientEthernet attribute setting). Enables or Disables the Energy Efficient Ethernet feature on the [VENDOR: specify the scope of control, (e.g., port, controller, adapter)]
Legal Values	• Maximum Power Savings • Disabled
Default Value	varies
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.EnergyEfficientEthernet (Read Only)

Description	Indicates whether Energy Efficient Ethernet capability is supported. Indicates whether Energy Efficient Ethernet capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.FCoEBootSupport (Read Only)

Description	Indicates whether Fibre Channel over Ethernet Boot capability is supported. Indicates whether Fibre Channel over Ethernet Boot capability is supported.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.FCoEOffloadMode (Read or Write)

Description	Enable/Disable the FCoE personality on the port. This setting is for when operating in non-NPar mode only. Enables the port for FCoE storage traffic.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.FCoEOffloadSupport (Read Only)

Description	Indicates whether FCoE is supported. Indicates whether FCoE is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.FIPMacAddr (Read Only)

Description	Permanent FIP-MAC address for FCoE assigned during manufacturing. If supported, the current address value should be readable at all times, irrespective of feature enablement. Permanent FIP-MAC address for FCoE assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.FeatureLicensingSupport (Read Only)

Description	Indicates whether the Dell Feature Licensing capability is supported. Indicates whether Dell Feature Licensing capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.FlexAddressing (Read Only)

Description	Indicates whether the Dell FlexAddressing feature is supported. Indicates whether the Dell FlexAddressing feature is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.ForwardErrorCorrection (Read or Write)

Description	Type of FEC to use on the link. Shall not be implemented on adapters where it is not appropriate. Specify the type of Forward Error Correction to use on the link (if appropriate)
Legal Values	• Auto • Fire Code (Clause 74) • RS-FEC (Clause 91, 108, 134) • Disabled
Default Value	Auto
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.InfiniBand (Read Only)

Description	Indicates whether InfiniBand functionality is supported. Indicates whether InfiniBand functionality is supported.

Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.IscsiMacAddr (Read Only)

Description	Permanent MAC address for iSCSI offload assigned during manufacturing. If supported, the current address value should be readable at all times, irrespective of feature enablement. Permanent MAC address for iSCSI offload assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.LinkStatus (Read Only)

Description	Physical link status of the network port as reported by the controller. Physical link status of the network port as reported by the controller.
Legal Values	• Connected • Disconnected
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.MacAddr (Read Only)

Description	The Permanent MAC address assigned during manufacturing. Permanent MAC address assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.MediaDetection (Read or Write)

Description	Optional attribute for those implementations that support the querying of the installed SFF device capabilities to assist in link configuration. How this information is used may differ between implementations. Should not be implemented on adapters where it is not used. Query the installed SFF device capabilities to assist in link configuration [VENDOR to modify appropriately]
Legal Values	• Enabled • Disabled
Default Value	varies
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NVMeTCPOffloadSupport (Read Only)

Description	Indicates whether the NVMe/TCP Offload capability is supported. Indicates whether the NVMe/TCP Offload capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NWManagementPassThrough (Read Only)

Description	Indicates whether the Network Management Pass Through capability is supported. Indicates whether the Network Management Pass Through capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NetworkLinkType (Read or Write)

Description	Select the protocol type to be used on a port that supports multiple fabric types. NOTE: Implement ONLY if VPI Mode is supported Select port network protocol (Ethernet/InfiniBand)
Legal Values	• Ethernet • InfiniBand
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NicMode (Read or Write)

Description	Enable/Disable the NIC personality on the port. This setting is for when operating in non-NPar mode only. Note: This personality type should be specified as the port default if RDMA is not supported or has dependencies on other device modes or settings. Specify use of the port for L2-Ethernet traffic.
Legal Values	• Enabled • Disabled
Default Value	Varies
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NicPartitioningSupport (Read Only)

Description	Indicates whether the NIC Partitioning capability is supported. Indicates whether NIC Partitioning capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NodeGUID (Read Only)

Description	The Permanent Node GUID assigned during manufacturing. Permanent Node GUID assigned during manufacturing.
Legal Values	String of ASCII characters.

Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NvmeTcpBusDeviceFunction (Read Only)

Description	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier of the NVMe/TCP PF . If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier of the NVMe/TCP PF . Indicates the PCI Address of the NVMe/TCP Physical Function on the port.
Legal Values	String of up to 8 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NvmeTcpMacAddr (Read Only)

Description	Permanent MAC address for NVMe/TCP Offload operation assigned during manufacturing. If supported, the current address value should be readable at all times, irrespective of feature enablement. Permanent MAC address for NVMe/TCP assigned during manufacturing.
Legal Values	String of up to 17 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NvmeTcpMode (Read or Write)

Description	Enable/Disable the NVMe/TCP personality on the port. This setting is for when operating in non-NPar mode Enables the port for NVMe/TCP storage traffic after boot. If disabled, the user may enable it in the OS, but a reboot is required for activation.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A

License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.NvmeTcpPCIDeviceID (Read Only)

Description	PCI Device ID reported by the NVMe/TCP PF when operating in non-NPar mode only. This value is also reported as the Device ID of NVMe/TCP PF at the partition level in NPar modes. PCI Device ID of the NVMe/TCP Physical Function.
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.OSBMCManagementPassThrough (Read Only)

Description	Indicates whether OS-BMC Management Pass Through capability is supported. Indicates whether OS-BMC Management Pass Through capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.OmniPath (Read Only)

Description	Indicates whether Omni-Path functionality is supported. Indicates whether Omni-Path functionality is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.OnChipThermalSensor (Read Only)

Description	Indicates whether an on-chip thermal sensor is available. Indicates whether an on-chip thermal sensor is available.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.PCIDeviceID (Read Only)

Description	PCI Device ID reported by the controller when operating in non-NPar mode only. The value of the attribute is undefined for controllers operating in NPar mode that change their device IDs or support multiple PCI Device IDs at the partition level. PCI Device ID of the controller.
Legal Values	String of up to 4 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.PKey (Read or Write)

Description	PKey ID to be used by PXE boot in the InfiniBand environment PKey ID to be used by PXE boot in InfiniBand fabrics. Enter a number in the range 0-65535.
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.PXEBootSupport (Read Only)

Description	Indicates whether the PXE Boot capability is supported. Indicates whether PXE Boot capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.PortGUID (Read Only)

Description	The Permanent Port GUID assigned during manufacturing. Permanent Port GUID assigned during manufacturing.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.RDMANICModeOnPort (Read or Write)

Description	Enable/Disable the NIC + RDMA personality on the port. This setting is for when operating in non-NPar mode only. Note: This personality type may be specified as the port default if RDMA traffic can be supported irrespective of any other device mode or setting. Specify use of the port for both L2-Ethernet and RDMA traffic. [Vendor may want to customize type of RDMA supported].
Legal Values	• Enabled • Disabled
Default Value	Varies
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.RXFlowControl (Read Only)

Description	Indicates whether Receive (RX) Flow control capability is supported. Indicates whether Receive (RX) Flow control capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.RemotePHY (Read Only)

Description	Indicates whether RemotePHY capability is supported. Indicates whether RemotePHY capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.SNAPI (Read Only)

Description	Indicates the adapter supports SNAPI functionality by either special interfacing to the PCI slot connector or via cabling to another PCI slot. Indicates whether SNAPI functionality is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.SNAPIState (Read Only)

Description	Indicates whether SNAPI functionality is enabled. Note: Implement only if SNAPI support is set to Available Indicates whether SNAPI functionality is enabled
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.SocketDirect (Read Only)

Description	Indicates whether Socket Direct functionality is supported. Indicates whether Socket Direct functionality is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.SocketDirectState (Read Only)

Description	Indicates whether Socket Direct functionality is enabled. Indicates whether Socket Direct functionality is enabled
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.TOESupport (Read Only)

Description	Indicates whether TCP/IP Offload Engine capability is supported Indicates whether TCP/IP Offload Engine capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.TXBandwidthControlMaximum (Read Only)

Description	Indicates whether Transmit(TX) Bandwidth Control Maximum capability is supported Indicates whether Transmit(TX) Bandwidth Control Maximum capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.TXBandwidthControlMinimum (Read Only)

Description	Indicates whether Transmit (TX) Bandwidth Control Minimum capability is supported Indicates whether Transmit (TX) Bandwidth Control Minimum capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.TXFlowControl (Read Only)

Description	Indicates whether Transmit (TX) Flow Control capability is supported Indicates whether Transmit (TX) Flow Control capability is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VPI (Read Only)

Description	Indicates whether Virtual Protocol Interconnect (VPI) functionality is supported. Indicates whether Virtual Protocol Interconnect (VPI) functionality is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtFIPMacAddr (Read or Write)

Description	Programmatically assignable FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. The supported method of reverting to the permanent FIP-MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned

	as 0s. If supported, the current address value should be readable at all times, irrespective of feature enablement. Programmatically assignable FIP-MAC address for FCoE.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtIscsiMacAddr (Read or Write)

Description	Programmatically assignable MAC address for iSCSI offload. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature enablement. Programmatically assignable MAC address for iSCSI offload.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtMacAddr (Read or Write)

Description	Programmatically assignable MAC address. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0s to the virtual MAC. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature enablement. Programmatically assignable MAC address for port.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtNodeGuid (Read or Write)

Description	Programmatically assignable Node GUID address used when only one PF is assigned to the port. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent Node GUID address is by writing 0s to the virtual Node GUID. If the virtual address has

	not been set or if it has been cleared by the defined method, its value shall be returned as 0s. Programmatically assignable Node GUID address.
Legal Values	String of up to 19 ASCII characters.
Default Value	0000:0000:0000:0000
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtNvmeTcpMacAddr (Read or Write)

Description	Programmatically assignable MAC address for NVMe/TCP offload. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address should be readable at all times, irrespective of feature enablement. Programmatically assignable MAC address for NVMe/TCP offload.
Legal Values	String of up to 17 ASCII characters.
Default Value	00:00:00:00:00:00
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtPortGUID (Read or Write)

Description	Programmatically assignable Port GUID. Virtual addresses written will also generate corresponding GUID as defined in Y741D. The supported method of reverting to the permanent GUID is by writing 0s as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. If supported, the current address value should be readable at all times, irrespective of feature enablement. Programmatically assignable Port GUID assigned during manufacturing.
Legal Values	String of up to 19 ASCII characters.
Default Value	0000:0000:0000:0000
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtWWN (Read or Write)

Description	Programmatically assignable Fibre Channel World Wide Node Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addesss as defined in Y741D. The supported method of clearing this virtual address is by writing 0s as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. Programmatically assignable Fibre Channel World Wide Node Name identifier for FCoE.
Legal Values	String of up to 23 ASCII characters.
Default Value	00:00:00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.VirtWWPN (Read or Write)

Description	Programmatically assignable Fibre Channel World Wide Port Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addesss as defined in Y741D The supported method of clearing this virtual address is by writing 0s as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0s. . Programmatically assignable Fibre Channel World Wide Port Name identifier for FCoE.
Legal Values	String of up to 23 ASCII characters.
Default Value	00:00:00:00:00:00:00:00
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.WWN (Read Only)

Description	Fibre Channel World Wide Node Name identifier for FCoE Fibre Channel World Wide Node Name identifier for FCoE
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.WWPN (Read Only)

Description	Fibre Channel World Wide Port Name identifier for FCoE Fibre Channel World Wide Port Name identifier for FCoE.
Legal Values	String of up to 23 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.iSCSIBootSupport (Read Only)

Description	Indicates whether iSCSI Boot is supported. Indicates whether iSCSI Boot is supported.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.iSCSIDualIPVersionSupport (Read Only)

Description	Indicates support for simultaneous IPv4 and IPv6 configurations of the iSCSI initiator and iSCSI primary and secondary targets. Indicates support for simultaneous IPv4 and IPv6 configurations of iSCSI initiator and iSCSI primary and secondary targets.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.iSCSIOffloadSupport (Read Only)

Description	Indicates whether the iSCSI Offload capability is supported. Indicates whether the iSCSI Offload capability is supported.
Legal Values	String of ASCII characters.
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.VndrConfigPage.iScsiOffloadMode (Read or Write)

Description	Enable/Disable the iSCSI offload personality on the port. This setting is for when operating in non-NPar mode only. Specify use of the port for iSCSI offload storage traffic.
Legal Values	• Enabled • Disabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.100Gbps1WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Gbps (1 lane of 100 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.100Gbps2WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Gbps (2 lanes of 50 Gb)

Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.100Gbps4WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Gbps (4 lanes of 25 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.100MbpsWoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 100 Mbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.10GbpsWoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 10 Gbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.10MbpsWoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 10 Mbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.1GbpsWoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 1000 Mbps/1 Gbps
Legal Values	• True • False

Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.200Gbps1WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 200 Gbps (1 lane of 200 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.200Gbps2WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 200 Gbps (2 lanes of 100 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.200Gbps4WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 200 Gbps (4 lanes of 50 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.25GbpsWoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 25 Gbps
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.40GbpsWoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 40 Gbps
Legal Values	• True • False

Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.50Gbps1WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 50 Gbps (1 lane of 50 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

NIC.WakeOnLanLnkSpeedConfig.50Gbps2WoL (Read or Write)

Description	Speed selector for the specified link speed to be advertised to the link partner for Vaux operations including Wake On LAN and shared LOM management features. If an implementation only supports one pre-OS link speed configuration for boot, WoL and management, then this speed attribute should not be implemented. When WakeOnLanLnkSpeedMethod is set to Auto, then this attribute should be greyed-out. Note: The speed selection shall only be included if it is supported in the implementation. Advertise 50 Gbps (2 lanes of 25 Gb)
Legal Values	• True • False
Default Value	True
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	Single function mode attributes are listed under the VndrConfigPage group. However, if Network Partitioning (NPAR) is enabled, the attributes are instead listed under the ConfigureForm group.

8

STORAGE Attributes

Storage.Controller.BatteryLearnMode (Read or Write)

Description	Battery Learn Mode controls a RAID Controllers Battery Learn Cycle.
Legal Values	• Automatic • Warn only • Disabled
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	A battery should be present on the controller.

Storage.Controller.BackgroundInitializationRate (Read or Write)

Description	The Background Initialization (BGI) rate is the percentage of the systems resources dedicated to performing the background initialization of a virtual disk after it is created
Legal Values	Integer values from 1 to 100.
Default Value	100
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.CheckConsistencyMode (Read or Write)

Description	Check Consistency feature is used to verify the accuracy of the redundant (parity) information.
Legal Values	• Normal • Stop on Error
Default Value	Normal
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.MaxCapableSpeed (Read Only)

Description	This attribute represents the maximum link speed supported by the Physical Disk.
Legal Values	• 1_5_GBS

- 3_GBS
- 6_GBS
- 12_GBS

Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.CopybackMode (Read or Write)

Description	This attribute represents the mode of restoring configuration of a virtual disk when a failed physical disk is replaced in an array.
Legal Values	• On • On with SMART • Off
Default Value	On
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDmaxPDsInSpan (Read Only)

Description	This attribute represents the maximum number of Physical Disks in a single Span, as supported by the controller.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.CheckConsistencyRate (Read or Write)

Description	The Check Consistency rate is the percentage of the systems resources dedicated to performing a check consistency on a redundant virtual disk.
Legal Values	Integer values from 1 to 100.
Default Value	100
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDloadBalancedMode (Read or Write)

Description	This attribute reprsents the ability to automatically use both controller ports connected to the same enclosure to route I/O requests.
Legal Values	• Automatic • Disabled
Default Value	Automatic
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	RACADM supports the attribute Storage.Controller.PossibleloadBalancedMode and WSMan supports the attribute Storage.Controller.LoadBalancedMode.

Storage.Controller.RAIDmaxSpansInVD (Read Only)

Description	This attribute represents the maximum number of spans in a Virtual Disk, as supported by the controller.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.PatrolReadMode (Read or Write)

Description	Patrol Read is a feature for identifying disk errors in order to avoid disk failures and data loss or corruption. The Patrol Read only runs on disks that are being used in a virtual disk or that are hot spares.
Legal Values	• Automatic • Manual • Disabled
Default Value	Automatic
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.PatrolReadRate (Read Only)

Description	The Patrol Read Rate is the percentage of the systems resources dedicated to perform Patrol Read.
Legal Values	Integer values from 1 to 100.
Default Value	30
Write Privilege	N/A
License Required	Express License

Dependency	None
Notes	This attribute is not supported from Server Configuration Profile (SCP)

Storage.Controller.RAIDmaxSupportedVD (Read Only)

Description	This attribute represents the maximum number of virtual disks supported by the controller.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RebuildRate (Read or Write)

Description	The Rebuild Rate is the percentage of the systems resources dedicated to rebuilding a failed disk when a rebuild is necessary.
Legal Values	Integer values from 1 to 100.
Default Value	100
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.ReconstructRate (Read or Write)

Description	The Reconstruct Rate is the percentage of the systems resources dedicated to reconstructing a disk group after adding a physical disk or changing the RAID level of a virtual disk residing on the disk group
Legal Values	Integer values from 1 to 100.
Default Value	100
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDSupportedRAIDLevels (Read Only)

Description	This attribute provides a list of RAID levels supported by the controller.
Legal Values	• RAID-0 • RAID-1 • RAID-5 • RAID-10 • RAID-50 • RAID-60
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDsupportedDiskProt (Read Only)

Description	This attribute provides a list of Disk Protocols supported by the controller.
Legal Values	• SAS • SATA • SAS SATA • SAS SATA NVMe • NVMe
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.WritePolicy (Read or Write)

Description	The write policies specify whether the controller sends a write-request completion signal as soon as the data is in the cache or after it has been written to disk.
Legal Values	• Write Through • Write Back • Write Back Force
Default Value	WriteBack
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	This attribute is displayed as read-only when there is only one legal value to set. This attribute is read-only for BOSS Controllers.

Storage.Controller.RAIDspinDownIdleTime (Read Only)

Description	Spindown idle time is the amount of time in seconds an uncofigured or hotspare can be idle before being spinned down by the controller.
Legal Values	Integer values from 1 to 65535.
Default Value	30
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.ReadPolicy (Read or Write)

Description	The read policies indicate whether or not the controller should read sequential sectors of the virtual disk when seeking data.
Legal Values	• No Read-Ahead • Read-Ahead • AdaptiveReadAhead
Default Value	ReadAhead
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	This attribute is displayed as read-only when there is only one legal value to set. This attribute is read-only for BOSS Controllers.

Storage.PhysicalDisk.RAIDPDState (Read Only)

Description	Physical Disk State shows the state of Physical disk that is part of a Virtual Disk.Configurable via XML configuration feature only.
Legal Values	• Unknown • Ready • Online • Foreign • Blocked • Failed • Non-RAID • Missing
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD. This attribute is read-only for BOSS Controllers.

Storage.VirtualDisk.DiskCachePolicy (Read or Write)

Description	Set the physical disk caching policy of all members of a Virtual Disk by enabling the Disk Cache Policy. When this feature is enabled, the physical disk writes data to the physical disk cache before writing it to the physical disk. Because it is faster to write data to the cache than to a disk, enabling this feature can improve system performance.
Legal Values	• Default • Enabled • Disabled
Default Value	Default
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	This attribute is read-only for BOSS Controllers.

Storage.PhysicalDisk.RAIDHotSpareStatus (Read Only)

Description	On RAID controllers, a hot spare is a backup for a disk that fails. The attribute indicates whether a physical disk is Hot Spare and/or the type of hot spare.Configurable via XML configuration only.
Legal Values	• No • Dedicated • Global
Default Value	No
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	· These attributes are applicable only for SAS/SATA drives and not for PCIeSSD. · Dedicated is a read only value and cant be used to assign a dedicated hotspare. To assign a dedicated hotspare to a volume use attribute RAIDdedicatedSpare.

Storage.Enclosure.AssetTag (Read Only)

Description	Displays the Asset Tag information for the enclosure.
Legal Values	String of up to 10 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	· AssetName and AssetTag are applicable only for external enclosures. · If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed.

Storage.PhysicalDisk.RAIDNegotiatedSpeed (Read Only)

Description	Negotiated Speed shows the speed of data transfer that the disk negotiated while spinning up and upon initial communication with the controller. This speed is dependent on the speed of the disk, the capable speed of the controller, the current speed of the controller on that connector, and the speed of the EMM (Enclosure Management Module) on the enclosure.
Legal Values	• 1_5_GBS • 3_GBS • 6_GBS • 12_GBS
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.VirtualDisk.Name (Read Only)

Description	Diplays the name associated with a Virtual Disk.
Legal Values	String of up to 15 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.RAIDNominalMediumRotationRate (Read Only)

Description	This attribute represents the nominal medium rotation speed of a physical disk.
Legal Values	Integer values from 2 to 4294967295.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.EncryptionMode (Read Only)

Description	This attribute represents encryption mode on the controller. It could be used to set the encryption mode to Local Key Management or Dell Key Management on the controller through XML configuration feature.Configurable via XML configuration feature only.
Legal Values	• None • Local Key Management • Dell Key Management
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	If set to Local Key Management you must set KeyID and NewControllerKey.

Storage.Enclosure.RAIDEffectiveSASAddress (Read Only)

Description	This attribute represents the effective SAS Address of an enclosure.
Legal Values	String of up to 16 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Notes	· AssetName and AssetTag are applicable only for external enclosures. · If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed.

Storage.VirtualDisk.IncludedPhysicalDiskID (Read or Write)

Description	This is a pseudo attribute for XML configuration feature. It is used for specifying physical disk FQDD for creating a virtual disk. Configurable via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.VirtualDisk.LockStatus (Read Only)

Description	This attribute represents security status of the virtual disk. It is used to secure a virtual disk using XML configuration feature. Configurable via XML configuration feature only.
Legal Values	• Unlocked • Locked
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if EncryptionMode is Local Key Mananegment or Dell Key Management and KeyID is set to any valid value.

Storage.Controller.OldControllerKey (Read or Write)

Description	This attribute represents the controller passphrase for Local Key Management encryption mode. This is used during a ReKey operation to specify the old controller key. Configurable via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDrekey is set to True

Storage.Controller.NewControllerKey (Read or Write)

Description	This attribute represents the controller passphrase for Local Key Management encryption mode. This is used during a ReKey operation to specify the new controller key. Configurable via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A

License Required	Express License
Dependency	Applicable only if EncryptionMode is Local Key Management and KeyID is set to any valid value.

Storage.VirtualDisk.RAIDaction (Read or Write)

Description	This pseudo attribute represents RAID action to be performed on the virtual disk. It is used to specify Delete, Create , CreateAuto or Update virtual disk operations. Configurable via XML configuration feature only.
Legal Values	• Create • CreateAuto • Delete • Update
Default Value	Update
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.Cachecade (Read Only)

Description	This attribute represents the cachecade state of the virtual disk. It can be modified to create a cachecaded virtual disk using XML configuration feature. Configurable via XML configuration feature only.
Legal Values	• Cachecade Virtual Disk • Not a Cachecade Virtual Disk
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.Controller.RAIDrekey (Read or Write)

Description	This pseudo attribute represents whether a rekey operation needs to be performed on the RAID controller.Configurable via XML configuration feature only.
Legal Values	• True • False
Default Value	False
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.KeyID (Read Only)

Description	This attribute represents the controller key identifier for Local Key Management or Dell Key Management controller encryption modes. Configurable via XML configuration feature only.

Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if EncryptionMode is Local Key Management and NewControllerKey is set to any valid value.

Storage.Controller.RAIDforeignConfig (Read or Write)

Description	This pseudo attribute represents foreign configuration operation to be performed on the RAID controller via XML configuration feature.Configurable via XML configuration feature only.
Legal Values	• Ignore • Import • Clear
Default Value	Ignore
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.RAIDdedicatedSpare (Read or Write)

Description	This pseudo attribute represents the dedicated spare to be assigned to a virtual disk. It could be set to physical disk FQDD to be assigned as a dedicated spare to the virtual disk. If a Spare is intended to be assigned when RAIDaction is set as CreateAuto, this attribute value should be set to AutoSelect. Configurable via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.RAIDinitOperation (Read or Write)

Description	This pseudo attribute represents initialization configuration operation to be performed on the virtual disk via XML configuration feature. Configurable via XML configuration feature only.
Legal Values	• None • Fast
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Update or Create

Storage.Controller.RAIDremovecontrollerKey (Read or Write)

Description	This pseudo attribute represents whether a rekey operation needs to be performed on the RAID controller.Configurable via XML configuration feature only.
Legal Values	• True • False
Default Value	False
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.RAIDTypes (Read Only)

Description	This indicates the type of RAID level on the virtual disk. Configurable via XML configuration feature only.
Legal Values	• RAID 0 • RAID 1 • RAID 5 • RAID 6 • RAID 10 • RAID 50 • RAID 60
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.Controller.RAIDresetConfig (Read or Write)

Description	This pseudo attribute represents whether a reset config operation needs to be performed on the RAID controller.Reset Config operation deletes all the virtual disks that exists on the RAID controller. Configurable via XML configuration feature only.
Legal Values	• True • False
Default Value	False
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.SpanDepth (Read Only)

Description	This indicates number of spans in the virtual disk.Configurable via XML configuration feature only.
Legal Values	Integer values.

Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.VirtualDisk.SpanLength (Read Only)

Description	This indicates the number of physical disks per span on a virtual disk.Configurable via XML configuration feature only.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.VirtualDisk.Size (Read Only)

Description	This indicates the size in bytes of the virtual disk. When creating a virtual disk, size of 0 indicates using full size of the physical disks for the specified RAIDTypes.Configurable via XML configuration feature only.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.Controller.EnhancedAutoImportForeignConfig (Read or Write)

Description	This indicates the current EnhancedAutoImportForeignConfig setting of the controller. Configurable via XML configuration feature only.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.ControllerBootMode (Read Only)

Description	This indicates the current BootMode setting of the Controller. Configurable via XML configuration feature only.

Legal Values	• User Mode • Continue Boot On Error • Headless Mode Continue On Error • Headless Safe Mode
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.VirtualDisk.T10PIStatus (Read or Write)

Description	This indicates virtual disks T10PIStatus.
Legal Values	• Enabled • Disabled
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Controller needs to support.
Notes	This attribute is displayed as read-only when there is only one legal value to set.

Storage.VirtualDisk.StripeSize (Read Only)

Description	This indicates the stripe size of the virtual disk. Configurable via XML configuration feature only.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Applicable only if RAIDaction is Create

Storage.Controller.CurrentControllerMode (Read Only)

Description	This indicates controllers current personaility mode , which could be RAID or Non-RAID. PERC9 supports RAID and HBA.Starting PERC 10, modes supported are RAID and Enhanced HBA. PERC 11 and above controllers will only support RAID mode.
Legal Values	• RAID • HBA • Enhanced HBA
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	Controller needs to support.

Storage.Enclosure.RAIDEnclosureRequestedCfgMode (Read or Write)

Description	This indicates enclosures requested configuration mode setting.
Legal Values	• Unified Mode • Split Mode • None
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	Backplane needs to support it.
Notes	· AssetName and AssetTag are applicable only for external enclosures. · If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed. · This value is only valid for C-series platforms.

Storage.Enclosure.RAIDEnclosureCurrentCfgMode (Read Only)

Description	This indicates enclosures current configuration mode setting
Legal Values	• Unified Mode • Split Mode
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	Backplane needs to support it.
Notes	· AssetName and AssetTag are applicable only for external enclosures. · If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed. · This value is only valid for C-series platforms.

Storage.Enclosure.BackplaneType (Read Only)

Description	This indicates enclosures type.
Legal Values	• Shared • Not Shared
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	Backplane needs to support it.
Notes	· AssetName and AssetTag are applicable only for external enclosures. · If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed.

Storage.PhysicalDisk.PCIeSSDSecureErase (Read or Write)

Description	Performs full initialization on the selected physical device. This operation deletes all data on the device.
Legal Values	• True • False
Default Value	False
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.RAIDPatrolReadUnconfiguredArea (Read or Write)

Description	Patrol Read is Performed on area of physical disk not configured for use.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Enclosure.BlockSizeInBytes (Read Only)

Description	Each Physical and Logical Disk has user data written in blocks. The size of this block in bytes is represented by this attribute.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	· AssetName and AssetTag are applicable only for external enclosures. · If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed.

Storage.PhysicalDisk.MediaType (Read Only)

Description	The drive media could be rotational (Hard Disk Drive) or solid state (SSD). This attribute indicates the drive media type.
Legal Values	• SSD • HDD
Default Value	None
Write Privilege	N/A

License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.RAIDSupportedInitTypes (Read Only)

Description	No description information available.
Legal Values	• None • Full
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.PhysicalDisk.BusProtocol (Read Only)

Description	The communication protocol supported by physical and logical disks. The same attribute is exported for both PDs and LDs.
Legal Values	• SAS • SATA • PCIe • NVMe
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.RAIDprIterations (Read Only)

Description	No description information available.
Legal Values	Integer values.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.PhysicalDisk.SupportedEncryptionTypes (Read Only)

Description	No description information available.
Legal Values	• None

- Cryptographic Erase Capable
- Self Encrypting Drive

Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.PhysicalDisk.T10PICapability (Read Only)

Description	No description information available.
Legal Values	• Capable • Not Capable
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.RequestedControllerMode (Read or Write)

Description	This indicates controllers requested personaility mode and can be RAID or Non-RAID. PERC 9 supports RAID and HBA. Starting PERC 10, modes supported are RAID and Enhanced HBA. Supported with SET command and not SCP
Legal Values	• RAID • HBA • Enhanced HBA
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	Controller needs to support.

Storage.PhysicalDisk.SoftwareRAIDMode (Read or Write)

Description	No description information available.
Legal Values	• Windows • Linux
Default Value	Windows
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.SupportedDeviceInterfaces (Read Only)

Description	The drive communication protocols supported by the controller.
Legal Values	• None • SAS SATA • SAS SATA NVMe • NVMe
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.PhysicalDisk.PCIeCapableLinkWidth (Read Only)

Description	The maximum PCIe Link Width supported by the device
Legal Values	• None • x4
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.PhysicalDisk.PCIeNegotiatedLinkWidth (Read Only)

Description	The negotiated PCIe link width of the device
Legal Values	• None • x1 • x2 • x4
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.PhysicalDisk.NonRAIDDiskCachePolicy (Read Only)

Description	The disk cache policy for non-raid (PERC 9 system) drives
Legal Values	• Default • Enabled • Disabled
Default Value	Default

Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.PhysicalDisk.Certified (Read Only)

Description	Indicates if the drive is DELL certified or not.
Legal Values	• Unknown • Yes • No
Default Value	Unknown
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Notes	These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

Storage.Controller.AutoConfigBehavior (Read Only)

Description	Indicates the current value of the auto config behavior of the controller.
Legal Values	• Not Applicable • Off • Non-RAID Disk
Default Value	Off
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.HostLEDMgmtNonRAIDDisks (Read Only)

Description	Enables Enclosure devices property of the controller and provides information whether SEP device is exposed to the host OS for Non-RAID disk LED management.
Legal Values	• Not Applicable • Disabled • Enabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.EncryptionProtocol (Read Only)

Description	The security protocol supported by the drive
Legal Values	• None • TCG Enterprise SSC • TCG Enterprise Opal
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.PersistHotspare (Read or Write)

Description	Enable or Disable the persistent hot spare of the controller
Legal Values	• Disabled • Enabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RaidMode (Read or Write)

Description	This property will indicate the meta data mode controller in, applicable only for SW RAID controller
Legal Values	• None • Linux • Windows • Mixed
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.PossibleloadBalancedMode (Read Only)

Description	This attribute reprsents the ability to automatically use both controller ports connected to the same enclosure to route I/O requests.
Legal Values	• Auto • Disabled
Default Value	Auto
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.SupportControllerBootMode (Read Only)

Description	This property will indicate if this controller supports setting of controller boot mode.
Legal Values	• Not Supported • Supported
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.SupportEnhancedAutoForeignImport (Read Only)

Description	This property will indicate if this controller supports enhanced auto import of foreign config.
Legal Values	• Not Supported • Supported
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.SupportRAID10UnevenSpans (Read Only)

Description	This property will indicate if this controller supports uneven spans for RAID 10.
Legal Values	• Not Supported • Supported
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.T10PICapability (Read Only)

Description	This property will indicate if this controller supports T10 PI.
Legal Values	• Not Capable • Capable
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Enclosure.AssetName (Read or Write)

Description	Displays the Asset Name information for the enclosure. Applicable only for external enclosure.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Enclosure.BackplaneCurrentMode (Read Only)

Description	Displays the current mode of the backplane.SupportedSplitModes object will provide split modes supported on current platform.
Legal Values	• Not Applicable • None • UnifiedMode • SplitMode • SplitMode-4:20 • SplitMode-8:16 • SplitMode-16:8 • SplitMode-20:4 • SplitMode-6:6:6:6
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Enclosure.BackplaneRequestedMode (Read or Write)

Description	Sets the backplane mode.SupportedSplitModes object will provide split modes supported on current platform.
Legal Values	• Not Applicable • None • UnifiedMode • SplitMode • SplitMode-4:20 • SplitMode-8:16 • SplitMode-16:8 • SplitMode-20:4 • SplitMode-6:6:6:6
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Enclosure.SupportedSplitModes (Read Only)

Description	List of supported splitmodes on this backplane.
Legal Values	• Not Applicable • None • UnifiedMode • SplitMode • SplitMode-4:20 • SplitMode-8:16 • SplitMode-16:8 • SplitMode-20:4 • SplitMode-6:6:6:6
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.BlockSizeInBytes (Read Only)

Description	This property will indicate the logical block size of the physical drive that this VD belongs to.
Legal Values	• 512 or 4096
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.RaidType (Read Only)

Description	This property will indicate the meta data type resides on the disk
Legal Values	• Unknown • MD SoftWare RAID • Windows Software RAID
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.SystemEraseCapability (Read Only)

Description	This property will indicate the erase capability of the disk
Legal Values	• CryptographicErasePD • OverwritePD • Not Supported
Default Value	None

Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.VirtualDisk.BlockSizeInBytes (Read Only)

Description	This property will indicate the logical block size of the physical drive that this VD belongs to.
Legal Values	• 512 • 4096
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.PatrolReadUnconfiguredArea (Read or Write)

Description	Enable or Disable the patrol read in unconfigured areas
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.Cryptographic Erase (Read or Write)

Description	This pseudo attribute represents erase to be performed on the physical disk. It is used to perform erase operations on the physical drive. Configurable via XML configuration feature only.
Legal Values	• True • False
Default Value	False
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.PhysicalDisk.WriteCachePolicy (Read Only)

Description	This pseudo attribute used to set write cache policy on the physical disk. Configurable via XML configuration feature only.
Legal Values	• Disabled • Enabled

Default Value	Disabled
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.EncryptionCapability (Read Only)

Description	This pseudo attribute represents current security capability of the controller. This attributes applicable for XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDMaxCapableSpeed (Read Only)

Description	This pseudo attribute used to display maximum capable speed of the controller. Property is available via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.RAIDAutoConfigBehavior (Read Only)

Description	This pseudo attribute used to display autoconfiguration of the controller. Property is available via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.RAIDreconstructRate (Read or Write)

Description	This pseudo attribute used to display reconstruction rate of the controller. Property is available via XML configuration feature only.
Legal Values	Integer values from 1 to 100.
Default Value	None
Write Privilege	N/A

License Required	Express License
Dependency	None

Storage.Controller.RAIDccRate (Read or Write)

Description	The Check Consistency rate is the percentage of the systems resources dedicated to performing a check consistency on a redundant virtual disk. Property is available via XML configuration feature only.
Legal Values	Integer values from 1 to 100.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDbgiRate (Read or Write)

Description	The Background Initialization (BGI) rate is the percentage of the systems resources dedicated to performing the background initialization of a virtual disk after it is created. Property is available via XML configuration feature only.
Legal Values	Integer values from 1 to 100.
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDEnhancedAutoImportForeignConfig (Read Only)

Description	This indicates the current EnhancedAutoImportForeignConfig setting of the controller. Configurable via XML configuration feature only.
Legal Values	• Disabled • Enabled
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.RAIDControllerBootMode (Read Only)

Description	This indicates the current BootMode setting of the Controller. Configurable via XML configuration feature only.
Legal Values	• User Mode • Continue Boot On Error • Headless Mode Continue On Error

- Headless Safe Mode

Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.RAIDpersistentHotspare (Read or Write)

Description	Enable or Disable the persistent hot spare of the controller. This property is configurable via XML configuration feature only.
Legal Values	• Disabled • Enabled
Default Value	Disabled
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDcopybackMode (Read Only)

Description	This attribute represents the mode of restoring configuration of a virtual disk when a failed physical disk is replaced in an array. Configurable via XML configuration feature only.
Legal Values	• On • On with SMART • Off
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDccMode (Read or Write)

Description	Check Consistency feature is used to verify the accuracy of the redundant (parity) information. Configurable via XML configuration feature only.
Legal Values	• Normal • Stop on Error
Default Value	None
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.RAIDprMode (Read or Write)

Description	Patrol Read is a feature for identifying disk errors in order to avoid disk failures and data loss or corruption. The Patrol Read only runs on disks that are being used in a virtual disk or that are hot spares. This property is configurable via XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	Automatic
Write Privilege	N/A
License Required	Express License
Dependency	None

Storage.Controller.SupportsLKMtoSEKMTransition (Read Only)

Description	This attribute indicates if controller supports graceful LKM to SEKM transition or not. This property is available XML configuration feature only.
Legal Values	String of ASCII characters.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.RAIDreconstructRate (Read or Write)

Description	The Reconstruct Rate is the percentage of the systems resources dedicated to reconstructing a disk group after adding a physical disk or changing the RAID level of a virtual disk residing on the disk group. Configurable via XML configuration feature only.
Legal Values	Integer values from 1 to 100.
Default Value	None
Write Privilege	N/A
License Required	Not Applicable
Dependency	None

Storage.Controller.RAIDMaxCapableSpeed (Read Only)

Description	This attribute represents the maximum link speed supported by the controller. Available via XML configuration only.
Legal Values	• 1_5_GBS • 3_GBS • 6_GBS • 12_GBS
Default Value	None
Write Privilege	N/A

License Required	Express License
Dependency	None

Storage.VirtualDisk.RAIDdefaultReadPolicy (Read or Write)

Description	The read policies indicate whether or not the controller should read sequential sectors of the virtual disk when seeking data.
Legal Values	• No Read-Ahead • Read-Ahead • AdaptiveReadAhead
Default Value	ReadAhead
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	This attribute is displayed as read-only when there is only one legal value to set.

Storage.VirtualDisk.RAIDdefaultWritePolicy (Read or Write)

Description	The write policies specify whether the controller sends a write-request completion signal as soon as the data is in the cache or after it has been written to disk.
Legal Values	• Write Through • Write Back • Write Back Force
Default Value	WriteBack
Write Privilege	N/A
License Required	Express License
Dependency	None
Notes	This attribute is displayed as read-only when there is only one legal value to set.

Storage.VirtualDisk.BootVD (Read or Write)

Description	This pseudo attribute represents erase to be performed on the virtual disk. It is used to set virtual disk as boot VD. Configurable via XML configuration feature only.
Legal Values	• True • False
Default Value	False
Write Privilege	N/A
License Required	Express License
Dependency	None

9

SYSTEM Attributes

System.AcquisitionInfo.CostCenter (Read or Write)

Display Name	Cost Center
Description	Identifying information for the accounting unit within the purchasing company that authorized the purchase.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.Expensed (Read or Write)

Display Name	Expensed
Description	Determines whether the cost of the system was subtracted from the budget of a particular person or department in the purchasing company.
Legal Values	• Yes - 0 • No - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.InstallDate (Read or Write)

Display Name	Installation Date
Description	Date the system was put into service by the purchasing company.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.PONumber (Read or Write)

Display Name	Purchase Order Number
Description	Number of the purchase order that authorized buying the system.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.PurchaseCost (Read or Write)

Display Name	Purchase Cost
Description	Value expressed in currency unit that was paid for the system, for example, 25000.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.PurchaseDate (Read or Write)

Display Name	Purchase Date
Description	Date the transaction for acquiring the system was completed.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.Vendor (Read Only)

Display Name	Vendor
Description	Company who sold the system to the purchaser.
Legal Values	String of up to 64 ASCII characters.
Default Value	Dell

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.WayBill (Read or Write)

Display Name	Reference to Delivery Slip Number
Description	Identifying information for the waybill or delivery slip, such as a waybill number.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.AcquisitionInfo.WhoSigned (Read or Write)

Display Name	Who Signed
Description	Person who accepted delivery of the system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.Backplane.BackplaneBusMode (Read Only)

Display Name	Backplane Bus Mode
Description	Enclosure serial interface type, either SGPIO or I2C
Legal Values	• Unknown - 0 • I2C - 1 • SGPIO - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.Backplane.BackplaneSplitMode (Read or Write)

Display Name	Backplane Split Mode
Description	Enclosure split mode setting
Legal Values	Integer values from 0 to 255.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ChassisInfo.CMStatus (Read Only)

Display Name	ChassisManagerStatus
Description	Chassis Manager status
Legal Values	• CM OFFLINE - 0 • CM ONLINE - 1
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.CustomAsset.Label (Read or Write)

Display Name	Custom Asset Label
Description	Custom Asset label.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.CustomAsset.Value (Read or Write)

Display Name	Custom Asset Value
Description	Custom Asset value
Legal Values	String of up to 255 ASCII characters.

Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.DepreciationInfo.Duration (Read or Write)

Display Name	Duration
Description	Displays the duration for which the depreciation value is being calculated.
Legal Values	String of up to 64 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.DepreciationInfo.DurationUnit (Read or Write)

Display Name	Duration Unit
Description	Indicates the duration in months or years.
Legal Values	• Months - 0 • Years - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.DepreciationInfo.Method (Read or Write)

Display Name	Method
Description	Displays the steps and assumptions used to compute the systems depreciation.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.DepreciationInfo.Percentage (Read or Write)

Display Name	Percentage
Description	Indicates the portion of 100 that an asset is devalued or depreciated. If the duration of depreciation is 5 years, and the method is straight line, then the percentage is 20 percent.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.Diagnostics.OSAppCollectionTime (Read Only)

Display Name	OS App Collection Time
Description	Displays the last OS and Application Data collection time in GMT/UTC
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ExtWarrantyInfo.Cost (Read or Write)

Display Name	Cost
Description	Displays the total cost of the warranty service on a system.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ExtWarrantyInfo.EndDate (Read or Write)

Display Name	End Date
Description	Displays the date that extended warranty service ends.
Legal Values	String of up to 32 ASCII characters.

Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ExtWarrantyInfo.Provider (Read or Write)

Display Name	Provider
Description	Displays the name of the business that is providing warranty service to the system owner.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ExtWarrantyInfo.StartDate (Read or Write)

Display Name	Start Date
Description	Displays the date that extended warranty service begins. This date usually follows the standard warranty service.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.IdleServerDetection.IdleServerScanInterval (Read or Write)

Display Name	Idle Server Scan Interval
Description	Scan interval time in hours for which server utilization to be monitored.
Legal Values	Integer values from 1 to 9000.
Default Value	240
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None

Is Platform Dependent	No
Notes	These attributes are only available for supported CUPS capable Intel processors.

System.IdleServerDetection.IdleServerStatus (Read Only)

Display Name	Idle Server Status
Description	Idle server status: Idle or Utilized
Legal Values	• Utilized - 0 • Idle - 1
Default Value	0
Write Privilege	N/A
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No
Notes	These attributes are only available for supported CUPS capable Intel processors.

System.IdleServerDetection.IdleServerThreshold (Read or Write)

Display Name	Idle Server Threshold
Description	Idle server detection threshold in %
Legal Values	Integer values from 0 to 50.
Default Value	20
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	None
Is Platform Dependent	No
Notes	These attributes are only available for supported CUPS capable Intel processors.

System.IdleServerDetection.ServerUtilizationPercentile (Read or Write)

Display Name	Server Utilization Percentile
Description	Server utilization percentile indicates how many % of samples are above utilization threshold
Legal Values	Integer values from 80 to 100.
Default Value	80
Write Privilege	Configure iDRAC
License Required	Datacenter License

Dependency	None
Is Platform Dependent	No
Notes	These attributes are only available for supported CUPS capable Intel processors.

System.Job.JobTimeout (Read or Write)

Display Name	Job Time out
Description	Configurable Timeout for Update Job Completion (Value in Minutes).
Legal Values	Integer values from 60 to 360.
Default Value	120
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.Job.RebootJobType (Read or Write)

Display Name	Reboot Job Type
Description	Configurable Reboot Job Type for Firmware Update Job
Legal Values	• GracefulRebootWithForcedShutdown - 0 • Powercycle - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.LCD.ChassisIdentifyDuration (Read or Write)

Display Name	Chassis Identify Duration
Description	Enable/Disable chassis Identify. A value of -1 = force on indefinitely; 0 = 0ff; > 0 number of seconds chassis identify is on
Legal Values	Integer values from -1 to 2592000.
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.Configuration (Read or Write)

Display Name	LCD Configuration
Description	Current LCD configuration. If this is set to User Defined, the User defined string will be displayed on the LCD.
Legal Values	• User Defined - 0 • Model Name - 1 • None - 2 • iDRAC IPv4 Address - 4 • iDRAC MAC Address - 8 • OS System Name - 16 • Service Tag - 32 • IPv6 Address - 64 • Ambient Temperature - 128 • Airflow - 129 • System Watts - 256 • Asset Tag - 512 • Post - 1024 • ADStat - 2048 • ADTime - 2049 • ADComp - 2050 • ADErr - 2051
Default Value	32
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	When hostsetting is not zero only zero maybe written to LCD configuration
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.CurrentDisplay (Read Only)

Display Name	Current LCD Display String
Description	The string currently displayed on the LCD
Legal Values	String of up to 256 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.ErrorDisplayMode (Read or Write)

Display Name	Error Display Mode
Description	LCD error message format selection SEL or simple where simple format include the message ID.
Legal Values	• SEL - 1 • simple - 2
Default Value	1
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.FrontPanelLocking (Read or Write)

Display Name	Front Panel Locking
Description	Sets LCD button interface to Full-Access;View-Only; or No access (Locked)
Legal Values	• Full-Access - 0 • View-Only - 1 • Locked - 2
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.HideErrs (Read or Write)

Display Name	Hide Errors
Description	Hide or unhide errors displayed on LCD screen.

Legal Values	• hide - 0 • unhide - 1
Default Value	1
Write Privilege	N/A
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.LicenseMsgEnable (Read or Write)

Display Name	Enable License Message
Description	Enable/disable display of no license available for certain licensable features.
Legal Values	• No-License-Msg - 0 • Display-Licens-Msg - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.NMIResetOverride (Read or Write)

Display Name	NMI Reset Override
Description	Enable/disables iDRAC reset capability via the Chassis ID button
Legal Values	• DIsabled - 0 • IDButtonResets - 1 • IDButtonDoesNotReset - 2
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server.

- You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.NumberErrsHidden (Read Only)

Display Name	Number of errors hidden
Description	The number of hidden LCD active errors
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.NumberErrsVisible (Read Only)

Display Name	Number of errors visible
Description	The number of visible LCD active errors
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.QualifierTemp (Read or Write)

Display Name	Ambient Temperature Qualifier
Description	Specifies Ambient Temperature Qualifier
Legal Values	• C - 0 • F - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.QualifierWatt (Read or Write)

Display Name	System Watt Qualifier
Description	Specifies System Watt Qualifier
Legal Values	• Watts - 0 • BTU/hr - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.UserDefinedString (Read or Write)

Display Name	User Defined String for LCD
Description	User defined custom string for display on LCD
Legal Values	String of up to 62 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	System.LCD.Configuration has to be set to User Defined mode
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LCD.vConsoleIndication (Read or Write)

Display Name	vConsole Indication
Description	Virtual Console Indication

Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• The System.LCD get and set commands work on iDRAC on Blade Server, even if the LCD is not present on the server. • You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

System.LeaseInfo.Buyout (Read or Write)

Display Name	Buyout Amount
Description	Indicates the amount of money you would have to pay to own a system you are leasing.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.LeaseInfo.EndDate (Read or Write)

Display Name	End Date
Description	Displays the agreed upon day, month, and year that the lease is no longer in force.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.LeaseInfo.FairValue (Read or Write)

Display Name	Fair Market Value
Description	Refers to an arrangement that allows a customer to purchase systems at the end of the lease for its then current fair market value.
Legal Values	String of up to 32 ASCII characters.
Default Value	0

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.LeaseInfo.Lessor (Read or Write)

Display Name	Lessor
Description	Displays the name of the business entity that is leasing the system to the user.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.LeaseInfo.MultiSched (Read or Write)

Display Name	Multiple Schedules
Description	Indicates whether the cost of leasing the system is computed by more than one rate schedule.
Legal Values	• Yes - 0 • No - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.LeaseInfo.RateFactor (Read or Write)

Display Name	Rate Factor
Description	Displays the factor used to calculate the lease payment.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.MaintenanceInfo.EndDate (Read or Write)

Display Name	End Date
Description	The date that maintenance ends.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.MaintenanceInfo.Provider (Read or Write)

Display Name	Provider
Description	The business entity that provides maintenance on a system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.MaintenanceInfo.Restrictions (Read or Write)

Display Name	Restrictions
Description	Any exclusions that apply to the maintenance agreement for the system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.MaintenanceInfo.StartDate (Read or Write)

Display Name	Start Date
Description	The date that maintenance begins.
Legal Values	String of up to 32 ASCII characters.
Default Value	None

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OpenIDConnectServer.DiscoveryURL (Read or Write)

Display Name	Server Discovery URL
Description	Discovery URL
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.OpenIDConnectServer.Enabled (Read or Write)

Display Name	Server is enabled
Description	Server state
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.OpenIDConnectServer.Name (Read or Write)

Display Name	Server Name
Description	Server name
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None

Is Platform Dependent	Yes

System.OpenIDConnectServer.RegistrationDetails (Read or Write)

Display Name	Credentials needed to register on server
Description	Registration details
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.OpenIDConnectServer.RegistrationStatus (Read Only)

Display Name	Status of registration on server
Description	Registration status
Legal Values	String of up to 1024 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC, Configure Users
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.OutsourceInfo.ProbComp (Read or Write)

Display Name	Problem Component
Description	Component of the system that requires corrective action such as repair or replacement.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OutsourceInfo.ProviderFee (Read or Write)

Display Name	Provider Fee
Description	Defines any additional fee invoiced by the outsource service provider.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OutsourceInfo.SLALevel (Read or Write)

Display Name	SLA Level
Description	Service Level Agreement (SLA) between the service provider and the system owner spells out when service is available (for example, how many hours and days per week) and what components are excluded. Levels of service to which the system owner is entitled.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OutsourceInfo.ServiceFee (Read or Write)

Display Name	Service Fee
Description	Amount of money paid for either the service contract or for corrective action on a specific problem component.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OutsourceInfo.SignedFor (Read or Write)

Display Name	Signed For
Description	Person who authorized the repair of the component.

Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OwnerInfo.InsComp (Read or Write)

Display Name	Insurance Company
Description	The company that insures the system against theft or other loss.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OwnerInfo.OwnerName (Read or Write)

Display Name	Owner Name
Description	The individual or business entity that holds legal title to the system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.OwnerInfo.Type (Read or Write)

Display Name	Type
Description	Whether the system is owned or leased.
Legal Values	• Owned - 0 • Leased - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

System.PCIeSlotLFM.3rdPartyCard (Read Only)

Display Name	3rd Party Card
Description	3rd Party PCIe Card may benefit from additional settings
Legal Values	• No - 0 • Yes - 1 • N/A - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.PCIeSlotLFM.CardType (Read Only)

Display Name	Card Type
Description	Type of PCIe card installed
Legal Values	String of up to 512 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.PCIeSlotLFM.CustomLFM (Read or Write)

Display Name	Custom LFM
Description	Minimum airflow to be delivered the installed PCIe card
Legal Values	Integer values from 0 to 5000.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	CustomLFM is read/write when LFMMode is set to custom
Is Platform Dependent	No

System.PCIeSlotLFM.LFMMode (Read or Write)

Display Name	LFM Mode
Description	Cooling Response Mode
Legal Values	• Automatic - 0 • Disabled - 1 • Custom - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	LFMMode is read/write when 3rdPartyCard is set to Yes
Is Platform Dependent	No

System.PCIeSlotLFM.MaxLFM (Read Only)

Display Name	Maximum LFM
Description	Estimated airflow delivered to the slot at full fan speed
Legal Values	Integer values from 0 to 65536.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.PCIeSlotLFM.PCIeInletTemperature (Read Only)

Display Name	PCIe Inlet Temperature
Description	Indicates the current PCIe Inlet Temperature for the PCIe Slot.
Legal Values	Integer values from 0 to 127.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.PCIeSlotLFM.SlotState (Read Only)

Display Name	Slot State
Description	PCIe slot physically exists

Legal Values	• Not-Defined - 0 • Defined - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.PCIeSlotLFM.TargetLFM (Read Only)

Display Name	Target LFM
Description	Minimum airflow provisioned for the installed PCIe card
Legal Values	String of up to 512 ASCII characters.
Default Value	-
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.QuickSync.Access (Read or Write)

Display Name	Quick Sync Access
Description	Sets QuickSync access permission
Legal Values	• Disabled - 0 • Read-only - 1 • Read-write - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	System.QuickSync.Presence has to be Absent or Present
Is Platform Dependent	Yes

System.QuickSync.InactivityTimeout (Read or Write)

Display Name	Quick Sync Inactivity Timeout
Description	Quick Sync Inactivity Timeout value specified in seconds with max value of 3600 seconds
Legal Values	Integer values from 120 to 3600.
Default Value	120
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	Cannot be set unless InactivityTimerEnable is Enabled
Is Platform Dependent	Yes

System.QuickSync.InactivityTimerEnable (Read or Write)

Display Name	Quick Sync Inactivity Timer Enable
Description	Enables or disables the QuickSync inactivity timer
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	System.QuickSync.Presence has to be Absent or Present
Is Platform Dependent	Yes

System.QuickSync.Presence (Read Only)

Display Name	Quick Sync Presence
Description	Indicates the presence or absence of the QuickSync hardware
Legal Values	• Not Supported - 0 • Absent - 1 • Present - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	System.QuickSync.Presence has to be Absent or Present
Is Platform Dependent	Yes

System.QuickSync.ReadAuthentication (Read or Write)

Display Name	Quick Sync Read Authentication
Description	Enables or disables QuickSync read authentication to the server
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	System.QuickSync.Presence has to be Absent or Present
Is Platform Dependent	Yes

System.QuickSync.WifiEnable (Read or Write)

Display Name	Quick Sync WiFi Enable
Description	Enables or disables QuickSync WiFi access
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	System.QuickSync.Presence has to be Absent or Present
Is Platform Dependent	Yes

System.SC-BMC.PowerMonitoring (Read or Write)

Display Name	Power Monitoring
Description	Power monitoring
Legal Values	Integer values from 0 to 1.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	The System.Chassis group is deprecated and replaced with System.SC-BMC group.

System.ServerInfo.NodeID (Read Only)

Display Name	System Node ID
Description	Specifies the system node ID.
Legal Values	String of up to 124 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerInfo.RChassisServiceTag (Read Only)

Display Name	System Chassis-related Service Tag
Description	Provides the system chassis-related service tag.

Legal Values	String of up to 10 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerInfo.ServerType (Read Only)

Display Name	Server Type
Description	The type of physical form factor of the Server
Legal Values	• Rack - 0 • Blade - 1 • Tower - 2 • Sled - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.ServerInfo.ServiceTag (Read Only)

Display Name	Service Tag
Description	Specifies the system service tag.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerOS.HostName (Read or Write)

Display Name	Server Host Name
Description	Server Host Name
Legal Values	String of up to 253 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerOS.InstallCompletedTime (Read Only)

Display Name	OS Installation Completed Time
Description	Indicates the time when the Host OS installation Completed (seconds).
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerOS.OEMOSVersion (Read Only)

Display Name	OEM OS Version
Description	Server OEM OS Version
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerOS.OSName (Read or Write)

Display Name	OS Name
Description	Server Operating System
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerOS.OSVersion (Read Only)

Display Name	OS Version
Description	Server OS Version
Legal Values	String of up to 254 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerOS.ProductKey (Read Only)

Display Name	Windows Product Key
Description	Windows OS Product Key associated with the server
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerOS.ServerPoweredOnTime (Read Only)

Display Name	Server Powered On Time Duration
Description	Indicates the time since the Host OS has been powered on (seconds).
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No
Notes	system.serveros.productkey value is shown only if OA3.x is available, which may be available with future generations of MSFT and newer version of Windows Server OS.

System.ServerPwr.ActivePolicyName (Read Only)

Display Name	Active Power Cap Policy Name
Description	The active power cap policy name
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.ActivePowerCapVal (Read Only)

Display Name	Active Power Cap Value
Description	Set the Active Power Cap value
Legal Values	Integer values from 0 to 32767.
Default Value	32767
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PSPFCEnabled (Read or Write)

Display Name	Power Supply PFC Enable
Description	Enable the Power Supply Power Factor Correction
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License

Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PSRapidOn (Read or Write)

Display Name	Power Supply Rapid On Enable
Description	Enable the Power Supply Rapid On. Rapid On is exactly same as Hotspare as listed in idrac GUI.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PSRedPolicy (Read or Write)

Display Name	Power Supply Redundancy Policy
Description	Specify the Power Supply redundancy policy
Legal Values	• Not Redundant - 0 • A/B Grid Redundant - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PowerCapMaxThres (Read Only)

Display Name	Power Cap Max Threshold
Description	Maximum threshold for Power Cap
Legal Values	Integer values from 0 to 32767.
Default Value	32767

Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PowerCapMinThres (Read Only)

Display Name	Power Cap Min Threshold
Description	Minimum threshold for Power Cap
Legal Values	Integer values from 0 to 32767.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PowerCapSetting (Read or Write)

Display Name	Power Cap Setting
Description	Enables or Disables setting the power cap value
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.PowerCapValue (Read or Write)

Display Name	Power Cap Value
Description	Indicates maximum power consumption limit in Watts

Legal Values	Integer values from 0 to 32767.
Default Value	32767
Write Privilege	Configure iDRAC
License Required	Enterprise License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.Poweredbyparent (Read or Write)

Display Name	Powered By Parent
Description	Gives info on whether it is Self Powered or Powered By Chassis
Legal Values	• SelfPowered - 0 • PoweredByChassis - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwr.RapidOnPrimaryPSU (Read or Write)

Display Name	Rapid On Primary PSU
Description	The Rapid On Primary PSU
Legal Values	• PSU1 - 1 • PSU2 - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	None
Is Platform Dependent	Yes
Notes	For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.

System.ServerPwrMon.AccumulativePower (Read Only)

Display Name	Accumulative Power
Description	Total power in energy consumed by server from start time.
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.CumulativePowerStartTime (Read Only)

Display Name	Cumulative Power Start Time
Description	Start of time period from which cumulative power is calculated.
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.CumulativePowerStartTimeStr (Read Only)

Display Name	Cumulative Power Start Time
Description	The start time when cumulative power is recorded.
Legal Values	String of up to 128 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.MinPowerTime (Read Only)

Display Name	Minimum Power Time

Description	The time when minimum power is recorded.
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.MinPowerTimeStr (Read Only)

Display Name	Minimum Power Time
Description	The time when minimum power is recorded.
Legal Values	String of up to 128 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.MinPowerWatts (Read Only)

Display Name	Minimum Power Watts
Description	Minimum Power Historical
Legal Values	Integer values from 0 to 65553.
Default Value	65553
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PeakCurrentTime (Read Only)

Display Name	Peak Current Time
Description	Time at which the server observed the maximum current from start time.
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

System.ServerPwrMon.PeakCurrentTimeStr (Read Only)

Display Name	Peak Current Time
Description	The time when peak current is recorded.
Legal Values	String of up to 128 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PeakPowerStartTime (Read Only)

Display Name	Peak Power Start Time
Description	Start of time period for which peak power is recorded.
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PeakPowerStartTimeStr (Read Only)

Display Name	Peak Power Start Time
Description	The start time when peak power is recorded.
Legal Values	String of up to 128 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PeakPowerTime (Read Only)

Display Name	Peak Power Time
Description	Time at which the server consumed the maximum power from start time.
Legal Values	Integer values from 0 to 2147483647.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PeakPowerTimeStr (Read Only)

Display Name	Peak Power Time
Description	The time when peak power is recorded.
Legal Values	String of up to 128 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PeakPowerWatts (Read Only)

Display Name	Peak Power Watts
Description	Maximum power consumed by server from the start time.
Legal Values	Integer values from 0 to 32767.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServerPwrMon.PowerConfigReset (Read or Write)

Display Name	Power Config Data Reset
Description	Resets the power statistics starting time. (Write only).
Legal Values	• None - 0 • ClrCumulaPowerAndTime - 1

- ClrPeaKValueAndTIme - 2
- ClrAll - 3
- ClrPeakAndCumulaValue - 4

Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes

System.ServerTopology.AisleName (Read or Write)

Display Name	Aisle Name
Description	The aisle the system is located in.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.DataCenterName (Read or Write)

Display Name	Data Center Name
Description	The data center the system is located in.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.ManagedSystemSizeInU (Read Only)

Display Name	Size of Managed System in U
Description	Measure of thickness of the system in U
Legal Values	• 1 - 1

- 2 - 2
- 3 - 3
- 4 - 4
- 5 - 5
- 6 - 6
- 7 - 7
- 8 - 8
- 9 - 9
- 10 - 10
- 1.5 - 11
- 2.5 - 12
- 3.5 - 13
- 4.5 - 14
- 5.5 - 15
- 6.5 - 16
- 7.5 - 17
- 8.5 - 18
- 9.5 - 19

Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.RackName (Read or Write)

Display Name	Rack Name
Description	Name of the rack on which the system is located.
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.RackOffsetUnits (Read or Write)

Display Name	Rack Offset Units
Description	Indicates the type of Rack Units in use.
Legal Values	• OpenU - 0 • EIA_310 - 1
Default Value	1
Write Privilege	Configure iDRAC

License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.RackSlot (Read or Write)

Display Name	Rack Slot
Description	Slot in the rack where the system is located.
Legal Values	Integer values from 0 to 255.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.RoomName (Read or Write)

Display Name	Room Name
Description	Room Name
Legal Values	String of up to 128 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServerTopology.SizeOfManagedSystemInU (Read Only)

Display Name	Size of Managed System in U
Description	Measure of thickness of the system in U
Legal Values	Integer values from 1 to 255.
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	Yes
Notes	The System.Location group is deprecated and replaced with System.ServerTopology group.

System.ServiceContract.Renewed (Read or Write)

Display Name	Renewed
Description	Whether the service contract was renewed or not (Yes or No).
Legal Values	• Yes - 0 • No - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServiceContract.Type (Read or Write)

Display Name	Type
Description	Type refers to the name or feature of the system covered by the service contract. For example, Installation Service, Maintenance Service, Return Service, Gold Service, Premier Service.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ServiceContract.Vendor (Read or Write)

Display Name	Vendor
Description	The business entity contracting to service the system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.Storage.AvailableSpareAlertThreshold (Read or Write)

Display Name	AvailableSpareAlertThreshold
Description	Displays the system level user configured threshold value for available spare value of the SSD devices connected to system.
Legal Values	Integer values from 1 to 99.
Default Value	10
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.Storage.RemainingRatedWriteEnduranceAlertThreshold (Read or Write)

Display Name	RemainingRatedWriteEnduranceAlertThreshold
Description	Displays the system level user configured threshold value for write endurance value of the SSD devices connected to system.
Legal Values	Integer values from 1 to 99.
Default Value	10
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SupportInfo.AutoFix (Read or Write)

Display Name	Automatic Fix
Description	Method used to fix the problem
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SupportInfo.HelpDesk (Read or Write)

Display Name	Help Desk
Description	Name of the help desk that provides technical support for your system; information provided by the help desk.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SupportInfo.Outsourced (Read or Write)

Display Name	Outsourced
Description	Indicates whether you have contracted with an outside business entity to provide technical support for your system.
Legal Values	• Yes - 0 • No - 1
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SupportInfo.Type (Read or Write)

Display Name	Type
Description	Indicates whether a support request is for a problem with your systems network connectivity or with a particular system component.
Legal Values	• Network - 0 • Storage - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SystemInfo.BootTime (Read Only)

Display Name	System Boot Time

Description	Time of the last system boot.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SystemInfo.PrimaryTelephone (Read or Write)

Display Name	Primary Telephone
Description	Telephone number for the person responsible for managing the system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SystemInfo.PrimaryUser (Read or Write)

Display Name	Primary User
Description	Text that provides the name for the person responsible for managing the system.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.SystemInfo.SysLocation (Read or Write)

Display Name	System Location
Description	Alphanumeric text that specifies where the system is, such as building and room.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

System.SystemInfo.SysTime (Read Only)

Display Name	System Time
Description	Current time configured on the system clock.
Legal Values	String of up to 64 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ThermalConfig.ASHRAEEnvironmentalClass (Read Only)

Display Name	ASHRAE Environmental Class
Description	Defines the supported ASHRAE Environmental Class for the system.
Legal Values	• N/A - 0 • A2 - 1 • A3 - 2 • A4 - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ThermalConfig.CriticalEventGenerationInterval (Read or Write)

Display Name	Critical Event Generation Interval
Description	Indicates time interval in days for critical events to be generated
Legal Values	Integer values from 0 to 365.
Default Value	30
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

System.ThermalConfig.EventGenerationInterval (Read or Write)

Display Name	Event Generation Interval
Description	Indicates time interval in days for warning events to be generated
Legal Values	Integer values from 0 to 365.
Default Value	30
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ThermalConfig.FreshAirCompliantConfiguration (Read Only)

Display Name	Fresh Air Compliant Configuration
Description	Indicates if the system is a Fresh Air compliant configuration
Legal Values	• Not Applicable - 0 • Yes - 1 • No - 2
Default Value	1
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ThermalConfig.LiquidCoolSetting (Read Only)

Display Name	Liquid Cool Setting
Description	Specifies the Liquid Cooling Setting.
Legal Values	• Disabled - 0 • Enabled - 1 • Unknown - 255
Default Value	255
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None

Is Platform Dependent	No

System.ThermalConfig.MaxCFM (Read Only)

Display Name	Maximum CFM
Description	Indicates potential system airflow consumption at 100% fan speed - in cubic feet per minute (CFM)
Legal Values	Integer values from 0 to 1000.
Default Value	0
Write Privilege	N/A
License Required	Not Applicable
Dependency	Not shown if system.embedded.1#thermalsettings.1#systemCFMsupport is not supported.
Is Platform Dependent	No

System.ThermalConfig.ValidFanConfiguration (Read Only)

Display Name	Valid Fan Configuration
Description	Valid Fan Configuration
Legal Values	• No - 0 • Yes - 1 • NotApplicable - 2
Default Value	2
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ThermalHistorical.IntervalInSeconds (Read or Write)

Display Name	Interval In Seconds
Description	Specifies the time resolution
Legal Values	Integer values from 0 to 0.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.ThermalSettings.AirExhaustTemp (Read or Write)

Display Name	Average Air Exhaust Temperature
Description	Specifies the Average Air Exhaust Temperature
Legal Values	• 40 - 0 • 45 - 1 • 50 - 2 • 55 - 3 • 60 - 4 • 65 - 5 • 70 - 255
Default Value	255
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	Feature must be supported to set the value.
Is Platform Dependent	Yes
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.AirExhaustTempSupport (Read Only)

Display Name	Air Exhaust Temp Support
Description	Specifies if the Average Air Exhaust Temperature is supported
Legal Values	• Not Supported - 0 • Supported - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.AirTemperatureRiseLimit (Read or Write)

Display Name	Air Temperature Rise Limit
Description	Defines the Air Temperature Rise Limit
Legal Values	• 15 - 0 • 20 - 1 • 25 - 2

- 30 - 3
- 35 - 4
- 40 - 5
- 45 - 6
- NO LIMIT - 255

Default Value	255
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	Feature must be supported to set the value.
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.AirTemperatureRiseLimitSupport (Read Only)

Display Name	Air Temperature Rise Limit Support
Description	Defines if the Air Temperature Rise Limit configuration is supported
Legal Values	• Not Supported - 0 • Supported - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.CurrentSystemProfileValue (Read Only)

Display Name	Current System Profile Value
Description	Displays current system profile value
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.DriveTemperaturePolling (Read or Write)

Display Name	Drive Temperature Polling
Description	Specifies if drive temperature polling is enabled, disabled, or set to default for drives attached to an HBA.
Legal Values	• Default - 0 • Enabled - 1 • Disabled - 2
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.FanSpeedHighOffsetVal (Read Only)

Display Name	Fan Speed High Offset Value
Description	Specifies the Fan Speed High Offset Value
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.FanSpeedLowOffsetVal (Read Only)

Display Name	Fan Speed Low Offset Value
Description	Specifies the Fan Speed Low Offset Value
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable

Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.FanSpeedMaxOffsetVal (Read Only)

Display Name	Fan Speed Max Offset Value
Description	Specifies the Fan Speed Max Offset Value
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.FanSpeedMediumOffsetVal (Read Only)

Display Name	Fan Speed Medium Offset Value
Description	Specifies the Fan Speed Medium Offset Value
Legal Values	Integer values from 0 to 65535.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.FanSpeedOffset (Read or Write)

Display Name	Fan Speed Offset
Description	Specifies the Fan Speed Offset
Legal Values	• Low - 0 • High - 1 • Medium - 2

- Max - 3
- Off - 255

Default Value	255
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.MFSMaximumLimit (Read Only)

Display Name	MFS Maximum Limit
Description	Specifies the MFS Maximum Limit
Legal Values	Integer values from 0 to 100.
Default Value	100
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.MFSMinimumLimit (Read Only)

Display Name	MFS Minimum Limit
Description	Specifies the MFS Minimum Limit
Legal Values	Integer values from 0 to 100.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.MaximumPCIeInletTemperatureLimit (Read or Write)

Display Name	Maximum PCIe Inlet Temperature Limit

Description	Defines the Maximum PCIe Inlet Temperature Limit.
Legal Values	• 55 - 0 • 45 - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	Feature must be supported to set the value.
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.MaximumPCIeInletTemperatureLimitSupport (Read Only)

Display Name	Maximum PCIe Inlet Temperature Limit Support
Description	Defines if the Maximum PCIe Inlet Temperature Limit configuration is supported.
Legal Values	• Not Supported - 0 • Supported - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.MinimumFanSpeed (Read or Write)

Display Name	Minimum Fan Speed
Description	Minimum Fan Speed
Legal Values	Integer values from 0 to 255.
Default Value	255
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.PCIeSlotLFMSupport (Read Only)

Display Name	PCIe Slot LFM Support
Description	Specifies if the PCIe LFM feature is supported
Legal Values	• Not Supported - 0 • Supported - 1
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SetAirTemperatureRiseLimit (Read or Write)

Display Name	Set Air Temperature Rise Limit
Description	Defines if the Air Temperature Rise Limit configuration is enabled/disabled.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Datacenter License
Dependency	Feature must be supported to set the value.
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SetMaximumExhaustTemperature Limit (Read or Write)

Display Name	Set Maximum Exhaust Temperature Limit
Description	Defines if the Exhaust Temperature Limit configuration is disabled or enabled.
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Express License
Dependency	Feature must be supported to set the value.

Is Platform Dependent	Yes
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SoundCapState (Read Only)

Display Name	SoundCap State
Description	Specifies whether the Sound Cap 2.0 max fan speed bound is enabled or disabled
Legal Values	• Disabled - 0 • Enabled - 1 • Not Applicable - 2
Default Value	2
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SystemCFMSupport (Read Only)

Display Name	System CFM Support
Description	Specifies if the System CFM is supported
Legal Values	• Not Supported - 0 • Supported - 1 • Not Licensed - 2
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SystemExhaustTemperature (Read Only)

Display Name	System Exhaust Temperature
Description	Indicates the current system exhaust temperature.
Legal Values	Integer values from 0 to 127.
Default Value	0

Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SystemInletTemperature (Read Only)

Display Name	System Inlet Temperature
Description	Indicates the current system inlet (ambient) temperature.
Legal Values	Integer values from 0 to 127.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.SystemInletTemperatureSupportLimitPerConfiguration (Read Only)

Display Name	System Inlet Temperature Support Limit Per Configuration
Description	Indicates the system inlet temperature limit supported for system configuration.
Legal Values	Integer values from 0 to 127.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.TargetExhaustTemperatureLimit (Read Only)

Display Name	Target Exhaust Temperature Limit

Description	Indicates the current effective target exhaust temperature limit.
Legal Values	Integer values from 0 to 127.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.ThermalSettings.ThermalProfile (Read or Write)

Display Name	Thermal Profile Optimization
Description	Specifies the Thermal Profile
Legal Values	• Default Thermal Profile Settings - 0 • Maximum Performance - 1 • Minimum Power - 2 • Sound Cap - 3
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	Yes
Notes	• You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license. • Restart the system to activate the power and thermal settings.

System.ThermalSettings.ThirdPartyPCIFanResponse (Read or Write)

Display Name	Fan Response
Description	Third Party PCI fan response
Legal Values	• Disabled - 0 • Enabled - 1
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No
Notes	You may encounter an error when running an operation with attributes requiring iDRAC Datacenter license, on a system without this required license.

System.USBFront.Enable (Read or Write)

Display Name	Enable
Description	Enables or disables the host front USB port. This setting can be overwritten by BIOS Menu setting.
Legal Values	• Enabled - 2 • Disabled - 1 • Not Applicable - 0
Default Value	0
Write Privilege	Server Control and Configuration
License Required	Not Applicable
Dependency	System.USBFront.Enable can only be set to Enable/Disable if iDRAC.PlatformCapability.FrontPortUSBConfiguration is Enabled. System. USBFront.Enable can only be set to NotApplicable if iDRAC.PlatformCapability.FrontPortUSBConfiguration is Disabled.
Is Platform Dependent	No
Notes	This setting can be overwritten by BIOS Menu setting.

System.WarrantyInfo.Cost (Read or Write)

Display Name	Cost
Description	The total cost of the warranty service on a system.
Legal Values	String of up to 32 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.WarrantyInfo.Duration (Read or Write)

Display Name	Duration
Description	The number of days or months that the warranty is to be in force.
Legal Values	String of up to 64 ASCII characters.
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.WarrantyInfo.EndDate (Read or Write)

Display Name	End Date
Description	The date that extended warranty service ends.
Legal Values	String of up to 32 ASCII characters.
Default Value	None
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No

System.WarrantyInfo.UnitType (Read or Write)

Display Name	Unit Type
Description	Indicates whether the length of the warranty is measured in days or months.
Legal Values	• Days - 0 • Months - 1
Default Value	0
Write Privilege	Configure iDRAC
License Required	Not Applicable
Dependency	None
Is Platform Dependent	No