Dell EMC OpenManage Enterprise SupportAssist Version 1.0

Reportable Items

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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.

Contents

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Introduction

Dell EMC OpenManage Enterprise SupportAssist is a plugin to the Dell EMC OpenManage Enterprise console that enables proactive and predictive monitoring and management support for your devices with ProSupport and ProSupport Plus entitlements. OpenManage Enterprise with SupportAssist provides a single, unified solution for your complete device lifecycle management and proactive and predictive support experience. SuppportAssist improves the data center efficiency by enabling the administrator to seamlessly manage hardware failure incidents, reducing the time spent by Dell EMC Technical Support, and improving the turnaround and downtime in resolving the hardware issues.

SupportAssist automates technical support for your devices. By default, SupportAssist Enterprise collects system information periodically from each device and sends the data securely to Dell. The system information is collected in following ways:

- Periodically — The device collection is performed periodically at regular intervals, depending on the predefined collection start date specified in the **Settings** > **Schedule Tasks** > page.
- On case creation — The device collection is performed when a support case is created for an issue that is detected by SupportAssist
- Manual (on demand) — If technical Support requests you to upload the device collection, you can initiate the collection of device information from one or more devices at any time.

NOTE: If required, you can disable the periodic collection of system information. For more information, see the section "Enable or disable periodic collection of system information" in the *Dell EMC OpenManage Enterprise SupportAssist Version 1.0 User's Guide* at https://www.dell.com/OpenManageEnterprise/ServicesPlugin.

NOTE: If the security policy of your company restricts sending certain identity information outside of the company network, you can disable the collection of such data from your devices. For more information, see the "Enable or disable collection of identity information" section in the *Dell EMC OpenManage Enterprise SupportAssist Version 1.0 User's Guide* at https://www.dell.com/OpenManageEnterprise/ServicesPlugin.

NOTE: If you have disabled the collection of identity information from devices, the identity information is replaced by tokenized values in the collected data. The tokenized values are represented as TOKEN*n*—for example, TOKEN0, TOKEN1, or TOKEN2.

This document provides the list of attributes that may be available in the data collected by SupportAssist from your devices. For the complete list of compatible devices, hypervisors, and operating systems, see *Dell EMC OpenManage Enterprise SupportAssist Support Matrix* available at OpenManage Enterprise SupportAssist https://www.dell.com/OpenManageEnterprise/ServicesPluginpage in support site.

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Items reported from iDRAC

The following are the attributes collected in the **iDRAC** category.

Table 1. iDRAC attributes

Category	Attribute Name
Additional Information	Name
	Version
Amperage	Reading
	Location
Array Disks	Status
	Connector
	Name
	State
	Bus Protocol
	Revision
	T10 PI (Protection Information) Capable
	Capacity
	Used RAID Disk Space (Bytes)
	Available RAID Disk Space
	Hot Spare
	Vendor
	Product ID
	Serial Number
	Part Number
	Maximum Capable Speed
	Sector Size
	Manufactured Day
	Manufactured Week
	Manufactured Year
	SAS Address
	Failure Predicted
	Media Type
	Negotiated Speed
	Encrypted
	Encryption Capable
	Power Status

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Device Name
	Mirror Set ID
	Model Number
	Progress
	Certified
	Remaining Rated Write Endurance
	ISE Capable
	Non-RAID HDD Disk Cache Policy
	Health Status
	Firmware Revision
	Vendor ID
	Serial Number
	PCIe Negotiated Link Speed
	Device Protocol
	PCIe Negotiated Link Width
	PCIe Maximum Link Width
	PCIe Maximum Link Speed
	ID
	Driver Version
	Form Factor
	Sub Vendor
	Available Spare
Auto Recovery	System Reset Timer
	Action On Hung Operating System Detection
BIOS	Release Date
	Version
	Manufacturer
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
Boot Settings	Description
	Value
CPU Details	Cache1 Status
	Cache1 Level

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Cache1 Maximum Size
	Cache1 Type
	Cache1 Location
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache2 Status
	Cache2 Level
	Cache2 Maximum Size
	Cache2 Type
	Cache2 Location
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache3 Status
	Cache3 Level
	Cache3 Maximum Size
	Cache3 Type
	Cache3 Location
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	64-Bit Support Capable
	64-Bit Support Enabled
	Hyper Threading Capable
	Hyper Threading Enabled
	Virtualization Technology Capable
	Virtualization Technology Enabled
	Demand Based Switching Capable
	Demand Based Switching Enabled
	Execute Disabled Capable
	Execute Disabled Enabled
	Turbo Mode Capable
	Turbo Mode Enabled
	Cache1 Installed Size
	Cache2 Installed Size
	Cache3 Installed Size

Table 1. iDRAC attributes (continued)

Category	Attribute Name
Check iDRAC Response	Model
Component Details	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Controller	Name
	Firmware Version
	Driver Version
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate
	Reconstruct Rate
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present
	T10 Protection Information Capable
	Encryption Capable
	Patrol Read State
	Patrol Read Iterations
	Alarm State
	Automatic Disk Power Saving (IdleC)
	Number Of Connectors
	Time Interval For Spin Down (Minutes)
	ID
	Status
	Auto Replace Member On Predictive Failure
	Spin Down Unconfigured Drives
	Storport Driver Version

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Allow Revertible Hot Spare And Replace Member
	Abort Check Consistency On Error
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Number Of Extenders
	Current Controller Mode
	Non-RAID HDD Disk Cache Policy
Battery	Slot Number
	Status
	State
	Next Learn Time
	Recharge Count
	Maximum Recharge Count
	Maximum Learn Delay
	Name
	Learn State
	Learn Mode
	Predicted Capacity Status
	Health Status
Controller Dependency	Value
Create Goal Config	Description
	Value
DIMM Info	Name
	Description
	Value
Debug Menu	Description
	Value
Enclosure	Asset Tag
	Connector
	Status
	Name
	Service Tag
	Firmware Version
	SAS Address

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number
	Alarm
	ID
	Express Service Code
	Health Status
	State
	PCIe SSD Extender
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID
	Status
	Reading
	Name
	State

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Health Status
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Health Status
Fan Redundancy	Fan Redundancy Status
Firmware	Name
	Version
	FQDD
	Identity Info Value
Front Panel	Power Button
	NMI Button
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	DNS Address Source
Integrated Devices	Description
	Value

Table 1. iDRAC attributes (continued)

Category	Attribute Name
Intel Persistent Memory	Description
	Value
Intrusion	State
	Probe Name
	Status
	Health Status
LCD Line Information	Name
	Value
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name
	System Revision
	Index
	Server Service Tag
	Chassis Lock
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Express Service Code
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	System Revision Name
	Max CPU Sockets
	Populated CPU Sockets
Memory	Type
	Size
	Status
	Rank
	Type Detail
	Failures
	Speed
	Device Name
	Health Status
	Technology
	Cache Size

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Non Volatile Size
	Volatile Size
	Remaining Rated Write Endurance
Memory Array	Location
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Maximum Capacity
	Total Installed Capacity Available To The OS
	Use
Memory Settings	Description
	Value
Slot Disablement	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
NIC Configuration	Primary Network
	Failover Network
	Channel Number
NVDIMM-N Persistent Memory	Description
	Value
NVMe Settings	Description
	Value
Network	Description
	Type

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Interface Name
	Slot Name
	Current MAC Address
	Firmware Version
	Interface Description
	Vendor
	Duplex
	Link Status
	Speed
	Operational Status
	Received Alignment Errors
	Received FCS Errors
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Received Bytes
	Received Broadcast Packets
	Received Multicast Packets
	Received Unicast Packets
	Transmitted Bytes
	Transmitted Broadcast Packets
	Transmitted Multicast Packets
	Transmitted Unicast Packets
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	TOE Enabled
	IPv6 Address
	Driver Image Path
	DHCPv6 Server
	IPv4 Address
	Default Gateway
	Received Unknown Protocols
	Connection Status
	DHCP Server
	Subnet Mask

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Received Good Frames
	Received Bad Frames
	TOE Capable
	IPv6 Address Name
	Transmitted Bad Frames
	Received Total Packets
	Transmitted Queue Length
	Received Error Packets
	Driver Name
	IRQ
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Transmitted Discarded Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Prefix Length
	Transmitted Error Packets
	Driver Version
	Transmitted Total Packets
	Received Frames Too Long
	Maximum Transmission Unit
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
Network Settings	Description
	Value
One-Time Boot	Description
	Value
Operating System	OS Name
	Version
PCIe SSD Extender	Name
	State
	Status

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory DIMM Configuration	Description
	Value
Power Budget	Power Capping
	Enable Power Capping
Power Headroom	System Instantaneous Headroom
	System Peak Headroom
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
Power Supply	Location
	Firmware Version
	Online Status
	Rated Input Wattage
	Maximum Output Wattage
	Type
	Status
	Power Monitoring Capable
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processor	Status
	Connector Name
	Processor Brand

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status
Processor Settings	Description
	Value
Redundant OS Control	Description
	Value
Region Configuration	Description
	Value
Region Info	Name
	Description
	Value
Remote Access	IPMI Version
	System GUID
	Current DNS Domain
	DNS RAC Name
	MAC Address
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Preferred IPV4 DNS Server
	Alternate IPV4 DNS Server
	VLAN ID
	Priority
	SOL Enabled
	Device Type
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	Number Of Possible Active Sessions

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Enable VLAN ID
	IPv4 Address Source
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
SATA Settings	Description
	Value
Serial Communication	Description
	Value
Serial Over LAN Configuration	Retry Count
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
Server	Model
	Service Tag
	System Generation
	System ID
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable

Table 1. iDRAC attributes (continued)

Category	Attribute Name
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
System Information	Description
	Value
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
TSR Dependency	Value
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Reading
	Health Status
UEFI Boot Settings	Description
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege

Table 1. iDRAC attributes (continued)

Category	Attribute Name
Virtual Disk	Device Name
	Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable
	Progress
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
Voltages	Probe Name
	Reading
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold
	Health Status

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Items reported from servers running Linux - Tech Support

The following are the attributes collected in the **Linux** category.

Table 2. Attributes for server running Linux

Category	Attribute Name
Additional Information	Name
	Version
Amperage	Reading
	Location
Array Disks	Status
	Connector
	Name
	State
	Bus Protocol
	Revision
	T10 PI (Protection Information) Capable
	Capacity
	Used RAID Disk Space (Bytes)
	Available RAID Disk Space
	Hot Spare
	Vendor
	Product ID
	Serial Number
	Part Number
	Maximum Capable Speed
	Sector Size
	Manufactured Day
	Manufactured Week
	Manufactured Year
	SAS Address
	Failure Predicted
	Media Type
	Negotiated Speed
	Encrypted

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Encryption Capable
	Power Status
	Device Name
	Mirror Set ID
	Model Number
	Progress
	Certified
	Remaining Rated Write Endurance
	ISE Capable
	Non-RAID HDD Disk Cache Policy
	Health Status
	Firmware Revision
	Vendor ID
	Serial Number
	PCIe Negotiated Link Speed
	Device Protocol
	PCIe Negotiated Link Width
	PCIe Maximum Link Width
	PCIe Maximum Link Speed
	ID
	Driver Version
	Form Factor
	Sub Vendor
	Available Spare
	Health Status
Auto Recovery	System Reset Timer
	Action On Hung Operating System Detection
BIOS	Release Date
	Version
	Manufacturer
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
	Health Status

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
Boot GRUB List	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
Boot List	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
Boot Menu List	Name
	Value
Boot Settings	Description
	Value
CASE	Name
	Value
CPU Details	Cache1 Status
	Cache1 Level
	Cache1 Maximum Size
	Cache1 Type
	Cache1 Location
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache2 Status
	Cache2 Level
	Cache2 Maximum Size
	Cache2 Type
	Cache2 Location
	Cache2 Write Policy
	Cache2 Associativity

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Cache2 Error Correction Type
	Cache3 Status
	Cache3 Level
	Cache3 Maximum Size
	Cache3 Type
	Cache3 Location
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	64-Bit Support Capable
	64-Bit Support Enabled
	Hyper Threading Capable
	Hyper Threading Enabled
	Virtualization Technology Capable
	Virtualization Technology Enabled
	Demand Based Switching Capable
	Demand Based Switching Enabled
	Execute Disabled Capable
	Execute Disabled Enabled
	Turbo Mode Capable
	Turbo Mode Enabled
	Cache1 Installed Size
	Cache2 Installed Size
	Cache3 Installed Size
	Cache1 Installed Size
	Cache2 Installed Size
	Cache3 Installed Size
Channel	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
Check iDRAC Response	Model
Component Details	Component ID
	Description

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Connector	Name
	State
	Connector Type
	Status
	Health Status
Controller	Name
	Firmware Version
	Driver Version
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate
	Reconstruct Rate
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present
	T10 Protection Information Capable
	Encryption Capable
	Patrol Read State
	Patrol Read Iterations
	Alarm State
	Automatic Disk Power Saving (IdleC)
	Number Of Connectors
	Time Interval For Spin Down (Minutes)
	ID
	Status
	Auto Replace Member On Predictive Failure

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Spin Down Unconfigured Drives
	Storport Driver Version
	Allow Revertible Hot Spare And Replace Member
	Abort Check Consistency On Error
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Number Of Extenders
	Current Controller Mode
	Non-RAID HDD Disk Cache Policy
	Storport Driver Version
	Persistent Hot Spare
	Health Status
Battery	Slot Number
	Status
	State
	Next Learn Time
	Recharge Count
	Maximum Recharge Count
	Maximum Learn Delay
	Name
	Learn State
	Learn Mode
	Predicted Capacity Status
	Health Status
	Health Status
Controller Dependency	Value
	Controller ID
Create Goal Config	Description
	Value
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DIMM Info	Name
	Description

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Value
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology
	Capable
	Enabled
	Deprecated
Device Map List	Name
	Value
Disk Usage	File System
	Size
	Used
	Available
	Use
	Mounted On
Display Sub Section	Name
	Value
Driver Modprobe Configuration	Command
	Module Name
	Options
Drivers	Name
	Module Path
Drivers Loaded Module	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
Enclosure	Asset Tag
	Connector
	Status
	Name

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Service Tag
	Firmware Version
	SAS Address
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number
	Alarm
	ID
	Express Service Code
	Health Status
	State
	PCIe SSD Extender
	Health Status
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID
	Status
	Reading
	Name
	State
	Health Status
	Health Status
Environment Variable	Variables
	Variable Value
External Enclosure	Controller ID
	ID
Fiber Channel Controller	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
Fiber Channel HBA Port	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Health Status
	Health Status
Fan Redundancy	Fan Redundancy Status
	Redundancy Status
Firmware	Name
	Version
	FQDD
	Identity Info Value
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Hyper Threading (HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	DNS Address Source
	IP Address Source
	Default Gateway
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
Installed Applications	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
Integrated Devices	Description
	Value
Intel Persistent Memory	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	State
	Probe Name
	Status
	Health Status

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Health Status
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name
	System Revision
	Index
	Server Service Tag
	Chassis Lock
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Express Service Code
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	System Revision Name
	Max CPU Sockets
	Populated CPU Sockets
Memory	Type
	Size
	Status
	Rank
	Type Detail
	Failures
	Speed
	Device Name
	Health Status
	Technology
	Cache Size
	Non-Volatile Size
	Volatile Size
	Remaining Rated Write Endurance

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Health Status
Memory List	Memory ID
Memory Array	Location
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Maximum Capacity
	Total Installed Capacity Available To The OS
	Use
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
Slot Disablement	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
NIC Configuration	Primary Network
	Failover Network
	Channel Number
	NIC Selection
	Failover Network
NVDIMM-N Persistent Memory	Description
	Value
NVMe Settings	Description
	Value
Network	Description
	Type
	Interface Name
	Slot Name
	Current MAC Address
	Firmware Version
	Interface Description
	Vendor
	Duplex
	Link Status
	Speed
	Operational Status
	Received Alignment Errors
	Received FCS Errors
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Received Bytes
	Received Broadcast Packets
	Received Multicast Packets
	Received Unicast Packets
	Transmitted Bytes

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Transmitted Broadcast Packets
	Transmitted Multicast Packets
	Transmitted Unicast Packets
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	TOE Enabled
	IPv6 Address
	Driver Image Path
	DHCPv6 Server
	IPv4 Address
	Default Gateway
	Received Unknown Protocols
	Connection Status
	DHCP Server
	Subnet Mask
	Received Good Frames
	Received Bad Frames
	TOE Capable
	IPv6 Address Name
	Transmitted Bad Frames
	Received Total Packets
	Transmitted Queue Length
	Received Error Packets
	Driver Name
	IRQ
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Transmitted Discarded Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Prefix Length
	Transmitted Error Packets
	Driver Version

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Transmitted Total Packets
	Received Frames Too Long
	Maximum Transmission Unit
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
	iSOE Capable
	FCoE Capable
Network Adapter	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope
	Status Characteristics
	MTU
	Metric
	Memory
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
Network DNS Configuration	Name

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Value
Network Host	Name
	Value
Network List	Device NIC Id
Network Settings	Description
	Value
Network Team Interface	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path
	Current MAC Address
	Team Name
	Maximum Transmission Unit
	Speed
	Default Gateway
	Received Good Frames
	Received Bad Frames
	Received Alignment Errors
	Received FCS Errors
	Received Frames Too Long
	Received Bytes
	Received Total Packets
	Received Unicast Packets
	Received Multicast Packets
	Received Broadcast Packets
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Transmitted Error Packets
	Team Interface Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Team Interface Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	IPv4 Address
	Subnet Mask
	IPv6 Address
	Prefix Length
	IPv6 Address Name
	Administrative Status
	Operational Status
	Type
	Connection Status
	Team Type
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	Redundancy Status
Network Team List	Vir NIC Id
Execute Disable (XD)	Technology
	Capable
	Enabled
	Deprecated
One-Time Boot	Description
	Value
Open Manage	Version

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Item
Operating System	OS Name
	Version
	System Name
	Install Date
Optical Device	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
PCIe SSD Extender	Name
	State
	Status
	Health Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory DIMM Configuration	Description
	Value
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Power Budget	Power Capping

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Enable Power Capping
Power Headroom	System Instantaneous Headroom
	System Peak Headroom
	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
	Location
	Firmware Version
	Online Status
	Rated Input Wattage
	Maximum Output Wattage
	Type
	Status
	Power Monitoring Capable
	Health Status
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	PID
	User
	CPU

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
Processor	Status
	Connector Name
	Processor Brand
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
Redundant OS Control	Description
	Value
Region Configuration	Description

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Value
Region Info	Name
	Description
	Value
Remote Access	IPMI Version
	System GUID
	Current DNS Domain
	DNS RAC Name
	MAC Address
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Preferred IPV4 DNS Server
	Alternate IPV4 DNS Server
	VLAN ID
	Priority
	SOL Enabled
	Device Type
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	Number Of Possible Active Sessions
	Enable VLAN ID
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Enable VLAN ID
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SATA/IDE Controller	Name
	Firmware Version

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
SATA Disks	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
	State
SATA Settings	Description
	Value
SCSI Channel	Name
	State
	Connector Type
	Status
	Health Status
SCSI Controller	ID
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
Screen Attribute	Name

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Value
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Retry Count
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Service Tag
	Model
	OS Name
Services	Services
	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Device Type
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slots Dependency	Slot Index
	Primary Key
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description
	Value
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Value
Tape Drive	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
Tape Drive Characteristics	Name
	Value
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Reading
	Health Status
	Health Status
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Product
	Serial
	Version
USB Controller Information	Controller Information
	Serial Number
USB Device	Bus Number
	Level
	Parent Device Number
	Port
	Count Of Devices
	Device Number
	Device Speed
	Maximum Children
	Total Bandwidth
	Number Of Interrupt Requests
	Number Of ISO Chronous Requests
	Version
	Device Class
	Device Sub Class
	Device Protocol
	Maximum Packet Size Of Default Endpoint
	Number Of Configurations
	Vendor ID Code
	Product ID Code
	Product Revision Number
	Manufacturer
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number
	Number Of End Points
	Interface Class
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address
	Attributes

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege
Validate Processor	External Name
	Is Occupied
	Occupied
Virtual Disk	Device Name
	Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable

Table 2. Attributes for server running Linux (continued)

Category	Attribute Name
	Progress
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
	Health Status
Virtual Disks	Controller ID
	Virtual Disk ID
Virtualization Technology (VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold
	Health Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State

NOTE: If the xserver-xorg-core package is not installed, the **Displays** section may be blank on collections from PowerEdge servers running the Ubuntu operating system.

4

Items reported from servers running Linux - Consulting, Deployment, System Maintenance

The following are the attributes collected in the **Linux** category.

Table 3. Attributes Server running Linux

Category	Attribute Name
Adapter	Interface Name
	Inet Address
	MTU
	IP Subnet
	MAC Address
	Driver Name
	Driver Version
	Firmware Version
	RX Check Summing
	Scatter Gather
	UDP Fragmentation Offload
	TX Check Summing
	TCP Segmentation Offload
	Generic Segmentation Offload
	Speed
	Link Status
	Autonegotiate
	TX
	RX
	Manufacturer
	Model
	Device ID
	Sub Vendor ID
	Sub Device ID
	Installed Slot
	Driver Update Version
	Update Driver
	Firmware Update Version

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Update Firmware
	iSCSI Enabled
	Type
	Initiator Name
	CheckSum Off Load
	Delayed Ack Status
	VLAN ID
	Port ID
	IPv6 Address
	VLAN Tagging
	Port Count
	DCBStatus
	HBA Mode
	ISOE Status
	Reciever Side Scaling
	Slave Interfaces
	Sub Vendor ID
	Sub Device ID
Adapter Detail	Adapter Name
Additional Information	Name
	Version
Amperage	Reading
	Location
Array Disks	Status
	Connector
	Name
	State
	Bus Protocol
	Revision
	T10 PI (Protection Information) Capable
	Capacity
	Used RAID Disk Space (Bytes)
	Available RAID Disk Space
	Hot Spare
	Vendor
	Product ID
	Serial Number

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Part Number
	Maximum Capable Speed
	Sector Size
	Manufactured Day
	Manufactured Week
	Manufactured Year
	SAS Address
	Failure Predicted
	Media Type
	Negotiated Speed
	Encrypted
	Encryption Capable
	Power Status
	Device Name
	Mirror Set ID
	Model Number
	Progress
	Certified
	Remaining Rated Write Endurance
	ISE Capable
	Non-RAID HDD Disk Cache Policy
	Health Status
	Firmware Revision
	Vendor ID
	Serial Number
	PCIe Negotiated Link Speed
	Device Protocol
	PCIe Negotiated Link Width
	PCIe Maximum Link Width
	PCIe Maximum Link Speed
	ID
	Driver Version
	Form Factor
	Sub Vendor
	Available Spare
	Health Status
Auto Recovery	System Reset Timer

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Action On Hung Operating System Detection
BIOS	Release Date
	Version
	Manufacturer
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
	Health Status
Bonds	BondValue
Boot GRUB List	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
Boot List	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
Boot Menu List	Name
	Value
Boot Settings	Description
	Value
CASE	Name
	Value
CPU Details	Cache1 Status
	Cache1 Level
	Cache1 Maximum Size

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Cache1 Type
	Cache1 Location
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache2 Status
	Cache2 Level
	Cache2 Maximum Size
	Cache2 Type
	Cache2 Location
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache3 Status
	Cache3 Level
	Cache3 Maximum Size
	Cache3 Type
	Cache3 Location
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	64-Bit Support Capable
	64-Bit Support Enabled
	Hyper Threading Capable
	Hyper Threading Enabled
	Virtualization Technology Capable
	Virtualization Technology Enabled
	Demand Based Switching Capable
	Demand Based Switching Enabled
	Execute Disabled Capable
	Execute Disabled Enabled
	Turbo Mode Capable
	Turbo Mode Enabled
	Cache1 Installed Size
	Cache2 Installed Size
	Cache3 Installed Size
	Cache1 Installed Size

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Cache2 Installed Size
	Cache3 Installed Size
Channel	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
Check iDRAC Response	Model
Component Details	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Configured PS Groups	Group Name
	Group IP
Connector	Name
	State
	Connector Type
	Status
	Health Status
	Description
	Location
	Class
Controller	Name
	Firmware Version
	Driver Version
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate
	Reconstruct Rate

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present
	T10 Protection Information Capable
	Encryption Capable
	Patrol Read State
	Patrol Read Iterations
	Alarm State
	Automatic Disk Power Saving (IdleC)
	Number Of Connectors
	Time Interval For Spin Down (Minutes)
	ID
	Status
	Auto Replace Member On Predictive Failure
	Spin Down Unconfigured Drives
	Storport Driver Version
	Allow Revertible Hot Spare And Replace Member
	Abort Check Consistency On Error
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Number Of Extenders
	Current Controller Mode
	Non-RAID HDD Disk Cache Policy
	Storport Driver Version
	Persistent Hot Spare
	Health Status
Battery	Slot Number
	Status
	State
	Next Learn Time
	Recharge Count

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Maximum Recharge Count
	Maximum Learn Delay
	Name
	Learn State
	Learn Mode
	Predicted Capacity Status
	Health Status
	Health Status
Controller Dependency	Value
	Controller ID
Create Goal Config	Description
	Value
Custom Attribute	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DIMM Info	Name
	Description
	Value
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology
	Capable
	Enabled
	Deprecated
Device Lun Details	HBA Instance
	Target
	Product ID
	Product Vendor

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Product Type
	Port ID
	Serial Number
	Lun Count
	Status
Device Map List	Name
	Value
Disk Usage	File System
	Size
	Used
	Available
	Use
	Mounted On
Display Sub Section	Name
	Value
Driver Modprobe Configuration	Command
	Module Name
	Options
Driver Settings	Link
	HBA Instance
Drivers	Name
	Module Path
Drivers Loaded Module	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
EHCM	CPU Percentage
	Mem Percentage
	Process ID
Enclosure	Asset Tag
	Connector
	Status
	Name
	Service Tag
	Firmware Version
	SAS Address

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number
	Alarm
	ID
	Express Service Code
	Health Status
	State
	PCIe SSD Extender
	Health Status
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Status
	Reading
	Name
	State
	Health Status
	Health Status
Environment Variable	Variables
	Variable Value
External Enclosure	Controller ID
	ID
FC Adapter	CLI Software Installed
	CLI Software Version
	Number of FC HBA Connected to Host
	Manufacturer
	Port Down Retry
	MaxQueueDepth
Fiber Channel Controller	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
Fiber Channel HBA Port	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
FRU	Device
	Serial Number
	Part Number
	Revision

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Health Status
	Health Status
Fan Redundancy	Fan Redundancy Status
	Redundancy Status
Firmware	Name
	Version
	FQDD
	Identity Info Value
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Group Binding	Bind by World Wide Port Name
	Bind by Port ID
Group Persistent	Present and New Targets
	Present Targets
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Connector	Name
	Status
	Description

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Location
	Class
	Health Status
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
HostPort	Host Name
	Device Name
	Driver Name
	Model
	Status
	Serial Number
	Description
	Attached Device Port Name
	Attached Device Node Name
	Port Number
	Port ID
	Driver Version
	Firmware Version
	Actual Connection Mode
	Actual Data Rate
	Port Type
	Frame Size
	BIOS Version
	Target Count
	Connection Option
	Data Rate
	Hard Loop ID
	Loop Reset Delay
	Enable Host HBA BIOS
	Enable Hard Loop ID
	Enable FC Tape Support
	Operation Mode
	Interrupt Delay Timer
	Execution Throttle
	Login Retry Count
	Port Down Retry Count
	Enable LIP Full Login

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Link Down Timeout
	Enable Target Reset
	LUNs per Target
	Out Of Order Frame Assembly
	Product Identifier
	Part Number
	Engineering Date Code
	Flash Image Version
	Misc Information
	Manufacturing Id
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
Hyper Threading (HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	DNS Address Source
	IP Address Source
	Default Gateway

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
ISOE Enabled	ISOEAttr
Installed Applications	Application Name
	Package Name
	Name
	Publisher
	Size
	Summary
	Install Date
Installed Applications	URL Information
Integrated Devices	Description
	Value
Intel Persistent Memory	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	State
	Probe Name
	Status
	Health Status
	Health Status
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Lun	Lun
	Size
	Type
	OS Lun Name
	WWULN

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
MPIO/HitKit Components	Max Connections Per Member
	Max Mpio Session
	Use IPv4
	Load Balance Type
	iSCSI Initiator
	Max Devices Per MPIO Session
	Use MPIO For Snapshots
	Min Adapter Speed
	IO Per Path
	Chap Discovery
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name
	System Revision
	Index
	Server Service Tag
	Chassis Lock
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Express Service Code
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	System Revision Name
	Max CPU Sockets
	Populated CPU Sockets
Media	Vendor
	Type
	Part Number
	Speed
	Revision
	Serial Number
Memory List	Memory ID
Memory	Type
	Size

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Status
	Rank
	Type Detail
	Failures
	Speed
	Device Name
	Health Status
	Technology
	Cache Size
	Non Volatile Size
	Volatile Size
	Remaining Rated Write Endurance
	Non-Volatile Size
	Remaining Rated Write Endurance
	Health Status
Memory Array	Location
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Maximum Capacity
	Total Installed Capacity Available To The OS
	Use
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
Slot Disablement	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
Multipath Info	Volume Size
	EqualLogic Volume
	Volume Alias
NIC Configuration	Primary Network
	Failover Network
	Channel Number
	NIC Selection
	Failover Network
NVDIMM-N Persistent Memory	Description
	Value
NVMe Settings	Description
	Value
Network	Description
	Type
	Interface Name
	Slot Name
	Current MAC Address
	Firmware Version
	Interface Description

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Vendor
	Duplex
	Link Status
	Speed
	Operational Status
	Received Alignment Errors
	Received FCS Errors
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Received Bytes
	Received Broadcast Packets
	Received Multicast Packets
	Received Unicast Packets
	Transmitted Bytes
	Transmitted Broadcast Packets
	Transmitted Multicast Packets
	Transmitted Unicast Packets
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	TOE Enabled
	IPv6 Address
	Driver Image Path
	DHCPv6 Server
	IPv4 Address
	Default Gateway
	Received Unknown Protocols
	Connection Status
	DHCP Server
	Subnet Mask
	Received Good Frames
	Received Bad Frames
	TOE Capable
	IPv6 Address Name
	Transmitted Bad Frames

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Received Total Packets
	Transmitted Queue Length
	Received Error Packets
	Driver Name
	IRQ
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Transmitted Discarded Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Prefix Length
	Transmitted Error Packets
	Driver Version
	Transmitted Total Packets
	Received Frames Too Long
	Maximum Transmission Unit
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
	iSOE Capable
	FCoE Capable
Network Adapter	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope
	Status Characteristics
	MTU
	Metric
	Memory

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
Network DNS Configuration	Name
	Value
Network Host	Name
	Value
Network List	Device NIC Id
Network Settings	Description
	Value
Network Team Interface	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path
	Current MAC Address
	Team Name
	Maximum Transmission Unit
	Speed
	Default Gateway
	Received Good Frames
	Received Bad Frames

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Received Alignment Errors
	Received FCS Errors
	Received Frames Too Long
	Received Bytes
	Received Total Packets
	Received Unicast Packets
	Received Multicast Packets
	Received Broadcast Packets
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Team Interface Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Team Interface Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	IPv4 Address
	Subnet Mask
	IPv6 Address
	Prefix Length
	IPv6 Address Name
	Administrative Status
	Operational Status
	Type
	Connection Status
	Team Type
	DHCP Server

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	Redundancy Status
Network Team List	Vir NIC Id
Execute Disable (XD)	Technology
	Capable
	Enabled
	Deprecated
One-Time Boot	Description
	Value
Open Manage	Version
	Item
Operating System	OS Name
	Version
	System Name
	Install Date
Optical Device	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
PCIe SSD Extender	Name
	State
	Status
	Health Status
	Health Status

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory DIMM Configuration	Description
	Value
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Port Detail	Port ID
	MAC Address
	IP Address
	Gateway
	Link Status
	Subnet Mask
	iSCSI Name
	IP ARP Redirect
	Keep Alive TO
	Execution Throttle
	TCP Nagle
	AFW Delayed Ack
	Firmware Version
	HBA Model
	Large Frames
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Power Budget	Power Capping
	Enable Power Capping
Power Headroom	System Instantaneous Headroom
	System Peak Headroom
	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
Power Supply	Location
	Firmware Version
	Online Status
	Rated Input Wattage
	Maximum Output Wattage
	Type
	Status
	Power Monitoring Capable
	Health Status
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Time
	Command
Processor	Status
	Connector Name
	Processor Brand
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
QLOGIC iSCSI HBA	Port instance
	Keep Alive TO
	Serial Number
	Execution Throttle
	AFW Delayed Acknowledgement
	iSCSI Name
	Subnet Mask
	IP ARP Redirect
	Large Frames

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	TCP Nagle
	HBA Model
	Firmware Version
	Port ID
	iSCSI HBA
	IP Address
	Manufacturer
	Driver Version
Redundant OS Control	Description
	Value
Region Configuration	Description
	Value
Region Info	Name
	Description
	Value
Remote Access	IPMI Version
	System GUID
	Current DNS Domain
	DNS RAC Name
	MAC Address
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Preferred IPV4 DNS Server
	Alternate IPV4 DNS Server
	VLAN ID
	Priority
	SOL Enabled
	Device Type
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	Number Of Possible Active Sessions
	Enable VLAN ID
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Enable VLAN ID
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SAS Adapter Card Manufacturer	Vendor ID
	Sub Vendor ID
	Device ID
	Sub Device ID
SAS Adapter	Name
	Firmware Version
	Driver Version
	Model
	Vendor ID
	Sub Vendor ID
	Device ID
	Sub Device ID
	Location
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate
	Reconstruct Rate
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present
	T10 Protection Information Capable
	Encryption Capable
	Patrol Read State

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Patrol Read Iterations
	Alarm State
	Automatic Disk Power Saving (IdleC)
	Number Of Connectors
	Time Interval For Spin Down (Minutes)
	ID
	Status
	Auto Replace Member On Predictive Failure
	Spin Down Unconfigured Drives
	Storport Driver Version
	Allow Revertible Hot Spare And Replace Member
	Abort Check Consistency On Error
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Description
	Storport Driver Version
	Persistent Hot Spare
	Health Status
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
SATA Disks	Name
	Device Location
	Parent Location
	Capacity

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
	State
SATA Settings	Description
	Value
SCSI Channel	Name
	State
	Connector Type
	Status
	Health Status
SCSI Controller	ID
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
Screen Attribute	Name
	Value
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Retry Count
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
	Character Accumulate Interval

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Character Send Threshold
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Service Tag
	Model
	OS Name
Host	Model
	Service Tag
	Make
	Hostname
	Operating System
	Release
	Architecture
	Kernel Release
	Kernel Date
	Kernel Data
	UUID
	System Date
	Dell HitKit Installed
	Dell HitKit Version
Services	Services
	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Device Type
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slots Dependency	Slot Index
	Primary Key
Storage Volumes	File System
	Size
	Used Space
	Available Space
	Used Percentage
	Mounted
Subnets Excluded	IP Subnet
	IP Subnet
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Value
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
Tape Drive	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
Tape Drive Characteristics	Name
	Value
Target Name	Name
	Current Portal
	Persistent Portal
	Iface Name
	Iface Initiator name
	Iface IP address
	iSCSI Connection State
	iSCSI Session State
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Reading
	Health Status
	Health Status
Active Tuning Parameters	Parameter
	Value
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Controller Information	Controller Information
	Serial Number
USB Device	Bus Number
	Level
	Parent Device Number
	Port
	Count Of Devices
	Device Number
	Device Speed
	Maximum Children
	Total Bandwidth
	Number Of Interrupt Requests
	Number Of ISO Chronous Requests
	Version
	Device Class
	Device Sub Class

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Device Protocol
	Maximum Packet Size Of Default Endpoint
	Number Of Configurations
	Vendor ID Code
	Product ID Code
	Product Revision Number
	Manufacturer
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number
	Number Of End Points
	Interface Class
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege
Validate Processor	External Name
	Is Occupied
	Occupied
Virtual Disk	Device Name
	Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable
	Progress
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
	Health Status
	Controller ID
	Virtual Disk ID
Virtualization Technology (VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold

Table 3. Attributes Server running Linux (continued)

Category	Attribute Name
	Health Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State
iSCSI Adapter	Manufacturer
	Driver Version
	Serial Number
	Driver Update Version
	Update Driver
	Firmware Update Version
	Update Firmware
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
	Is Software Based
iSCSI Initiator	iSCSIadm Version
	iSCSI Initiator IQN
iSCSINode	Attached Device Node Name
	Iface Name
	Session Time Out
	Session Cmds Max
	Session Queue Depth

NOTE: If the xserver-xorg-core package is not installed, the **Displays** section may be blank on collections from PowerEdge servers running the Ubuntu operating system.

NOTE: If the ethtool package is not installed, the iSCSI and non-iSCSI interfaces section is not available in Deployment collections from PowerEdge servers running the Debian operating system.

5

Items reported from servers running ESXi - Tech Support

The following are the attributes collected in the **ESXi** category.

Table 4. Attributes for Server running ESXi

Category	Attribute Name
Additional Information	Name
	Version
Amperage	Location
	Reading
Array Disks	Connector
	Status
	Health Status
	Serial Number
	Name
	State
	Power Status
	Bus Protocol
	Failure Predicted
	Media Type
	Revision
	T10 PI (Protection Information) Capable
	Certified
	Encrypted
	Encryption Capable
	Capacity
	Used RAID Disk Space (Bytes)
	Available RAID Disk Space
	Hot Spare
	Progress
	Mirror Set ID
	Model Number
	Vendor
	Part Number
	Maximum Capable Speed

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	SAS Address
	Negotiated Speed
	Product ID
	Manufactured Year
	Manufactured Week
	Manufactured Day
	Sector Size
	Device Name
	Remaining Rated Write Endurance
	ISE Capable
	Non-RAID HDD Disk Cache Policy
	ID
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Device Protocol
	Driver Version
	Form Factor
	Sub Vendor
	Available Spare
Auto Recovery	Action On Hung Operating System Detection
	System Reset Timer
BIOS	Manufacturer
	Version
	Release Date
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
Boot GRUB List	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Date Of Modification
Boot List	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
Boot Menu List	Name
	Value
Boot Settings	Description
	Value
CASE	Name
	Value
CPU Details	Cache2 Maximum Size
	Cache1 Location
	Cache2 Location
	Cache3 Location
	Cache3 Maximum Size
	Cache1 Installed Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Installed Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Installed Size
	Cache3 Write Policy
	Cache3 Associativity

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Cache3 Error Correction Type
	Cache3 Type
	Cache3 Level
	Cache3 Status
Channel	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
Component Details	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Connector	Name
	State
	Connector Type
	Status
	Health Status
	Description
	Location
	Class
Controller	ID
	Name
	Firmware Version
	Driver Version
	Storport Driver Version
	Current Controller Mode
	Non-RAID HDD Disk Cache Policy
	Number Of Connectors
	Rebuild Rate
	BGI Rate

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Reconstruct Rate
	Check Consistency Rate
	Cache Memory Size (MB)
	Patrol Read Rate
	Patrol Read Iterations
	State
	Slot ID
	Abort Check Consistency On Error
	Allow Revertible Hot Spare And Replace Member
	Load Balance
	Auto Replace Member On Predictive Failure
	Persistent Hot Spare
	CacheCade Capable
	Encryption Capable
	Encryption Key Present
	Spin Down Unconfigured Drives
	Spin Down Hot Spares
	Spin Down Configured Drives
	Automatic Disk Power Saving (IdleC)
	Patrol Read Mode
	Time Interval For Spin Down (Minutes)
	Alarm State
	T10 Protection Information Capable
	Patrol Read State
	Encryption Mode
	Status
	Health Status
	Number Of Extenders
Battery	Slot Number
	Name
	Predicted Capacity Status
	Learn State
	Next Learn Time
	Maximum Learn Delay
	State
	Health Status
	Status

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Learn Mode
	Recharge Count
	Maximum Recharge Count
Controller Dependency	Controller ID
Custom Attribute	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology
	Capable
	Enabled
	Deprecated
Device Map List	Name
	Value
Disk Usage	File System
	Size
	Used
	Available
	Use
	Mounted On
Display Sub Section	Name
	Value
Driver Modprobe Configuration	Command
	Module Name
	Options
Drivers	Name
	Module Path

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
Drivers Loaded Module	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
Enclosure	ID
	Name
	State
	Connector
	Firmware Version
	Service Tag
	Asset Tag
	Asset Name
	Target ID
	Split Bus Part Number
	Express Service Code
	SAS Address
	Alarm
	Configuration
	Status
	Health Status
	PCIe SSD Extender
Enclosure EMM	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
Fans	Name
	Status
	Health Status
	Part Number
	State
	Speed
Power Supplies	Name
	Status
	Health Status

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Part Number
	Firmware Version
	State
Temperatures	Status
	Health Status
	State
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	ID
	Name
Environment Variable	Variables
	Variable Value
External Enclosure	Controller ID
	ID
Fiber Channel Controller	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
Fiber Channel HBA Port	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
FRU	Device
	Serial Number
	Part Number

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	Status
	Health Status
Fan Redundancy	Redundancy Status
Firmware	Version
	Name
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Hyper Threading (HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	IPv6 Address
	IPv6 Address Name
IPv6 Details	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
Installed Applications	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
Integrated Devices	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	Status
	Probe Name
	State
	Health Status
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Main Chassis	Server Model
	System Revision
	Flash Chassis Identify LED State
	Chassis Lock
	Server Service Tag

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Server Asset Tag
	Chassis Name
	Host Name
	Express Service Code
	Fault LED Flash On Severity Level
	System Revision Name
	System Location
	Index
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	Max CPU Sockets
	Populated CPU Sockets
Memory List	Memory ID
Memory	Size
	Device Name
	Status
	Speed
	Failures
	Type
	Health Status
	Type Detail
	Rank
	Technology
	Non-Volatile Size
	Volatile Size
	Cache Size
	Remaining Rated Write Endurance
Memory Array	Total Installed Capacity
	Total Installed Capacity Available To OS
	Installed Capacity (MB)
	ECC Type
	Location
	Use
	Total Maximum Capacity
	Maximum Capacity (MB)
	Slots Used

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Slots Available
	Failover State
	Redundancy Status
	Redundancy Configuration
	Total Installed Capacity Available To The OS
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	IP Address
	Express Service Code
NIC Configuration	Channel Number
	NIC Selection
	Primary Network
	Failover Network

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
Network	Current MAC Address
	Interface Description
	Interface Name
	Maximum Transmission Unit
	IP Address
	Transmitted Bytes
	Connection Status
	Operational Status
	Duplex
	Speed
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multiple Collision Frames
	Received Frames Too Long
	Transmitted Total Packets
	TOE Capable
	TOE Enabled
	Driver Version
	Firmware Version
	Type
	Transmitted Error Packets
	Received Alignment Errors
	Received Internal MAC Receiving Errors
	IPv6 Address
	DHCPv6 Server
	Default Gateway
	Image Path
	Received Unknown Protocols
	DHCP Server
	Subnet Mask
	Link Status
	Received Good Frames
	Received Bad Frames
	Transmitted Broadcast Packets
	Received Broadcast Packets
	Transmitted Bad Frames

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Slot Name
	Received FCS Errors
	Received Bytes
	Received Total Packets
	Description
	Transmitted Queue Length
	Received Error Packets
	Transmitted Unicast Packets
	Driver Name
	IRQ
	Received Unicast Packets
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Base Memory Address
	DMA List
	Transmitted Deferred Transmits
	Transmitted Single Collision Frames
	Transmitted Discarded Packets
	Received Multicast Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Vendor
	Transmitted Multicast Packets
	Prefix Length
	Transmitted Excessive Collisions
	Name
	Driver Image Path
	Npar EP Enabled
	iSOE Capable
	FCoE Capable
Network Adapter	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope
	Status Characteristics
	MTU
	Metric
	Memory
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
Network DNS Configuration	Name
	Value
Network Host	Name
	Value
Network List	Device NIC Id
Network Settings	Description
	Value
Network Team Interface	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Driver Image Path
	Current MAC Address
	Team Name
	Maximum Transmission Unit
	Speed
	Default Gateway
	Received Good Frames
	Received Bad Frames
	Received Alignment Errors
	Received FCS Errors
	Received Frames Too Long
	Received Bytes
	Received Total Packets
	Received Unicast Packets
	Received Multicast Packets
	Received Broadcast Packets
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Team Interface Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Team Interface Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	IPv4 Address
	Subnet Mask
	IPv6 Address

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Prefix Length
	IPv6 Address Name
	Administrative Status
	Operational Status
	Type
	Connection Status
	Team Type
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	Redundancy Status
Network Team List	Vir NIC Id
Execute Disable (XD)	Technology
	Capable
	Enabled
	Deprecated
One-Time Boot	Description
	Value
Open Manage	Version
	Item
Operating System	OS Name
	Version
	System Name
	Install Date
Optical Device	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Serial Number
	Model Number
	Asset Tag
PCIe SSD Extender	Name
	State
	Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Power Budget	Enable Power Capping
	Power Capping
Power Headroom	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
Power Supply	Location

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Type
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Power Monitoring Capable
	Status
	Health Status
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
Processor	Core Count
	Version
	Processor Brand
	Family
	Manufacturer
	Maximum Speed
	External Clock Speed
	Connector Name
	Current Speed
	State
	Status
	Voltages
	Occupied

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Voltage
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
Remote Access	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	SOL Enabled
	MAC Address
	Enable VLAN ID
	VLAN ID
	Priority
	IP Address Source
	IP Address
	IP Subnet
	IP Gateway
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Storage Size (MB)
	Redundancy Status
	Health Status
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
SATA Disks	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
	State
SATA Settings	Description
	Value
SCSI Channel	Name
	State
	Connector Type
	Status
	Health Status
SCSI Controller	ID
	Name
	State

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Number Of Connectors
	Slot ID
	Status
	Health Status
Screen Attribute	Name
	Value
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Baud Rate
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Model
	Service Tag
	Operating System
	OS Name
Services	Services
	State
Session Connection Data	Target Portal

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
Slot	Slot ID
	Adapter
	Hot Plug Capable
	Adapter Data Bus Width
	Speed
	Slot Length
	Category
	Shared Slot
	PC Card-16
	Card Bus
	Zoom Video
	Modem Ring Resume
	Power Management Enable (PME) Signal
	Type
	Voltage Supply
	Adapter Manufacturer
	Adapter Description
	ID
	Slot ID
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slots Dependency	Slot Index
	Primary Key
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description
	Value
System Profile Settings	Description

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Value
System Security	Description
	Value
Tape Drive	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
Tape Drive Characteristics	Name
	Value
Temperatures	Probe Name
	Reading
	Minimum Warning Threshold
	Minimum Failure Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Status
	Health Status
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Manufacturer
	Product
	Serial
	Version
USB Controller Information	Controller Information
	Serial Number
USB Device	Bus Number
	Level
	Parent Device Number
	Port
	Count Of Devices
	Device Number
	Device Speed
	Maximum Children
	Total Bandwidth
	Number Of Interrupt Requests
	Number Of ISO Chronous Requests
	Version
	Device Class
	Device Sub Class
	Device Protocol
	Maximum Packet Size Of Default Endpoint
	Number Of Configurations
	Vendor ID Code
	Product ID Code
	Product Revision Number
	Manufacturer
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number
	Number Of End Points
	Interface Class
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
Validate Processor	External Name
	Is Occupied
	Occupied
Validate SMASH	Caption
	Current Speed
	Chassis Model
Virtual Disk	Name
	Encrypted
	Progress
	T10 Protection Information Capable
	Size
	Layout
	State
	Status
	Health Status

Table 4. Attributes for Server running ESXi (continued)

Category	Attribute Name
	Device Name
	Bus Protocol
	Media Type
	Cache Policy
	Disk Cache Policy
	Read Policy
	Stripe Element Size
	Write Policy
	Hot Spare Policy violated
	Controller ID
	Virtual Disk ID
Virtualization Technology(VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State

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Items reported from servers running ESXi - Consulting, Deployment, System Maintenance

The following are the attributes that are collected in the **ESXi** category.

Table 5. Attributes for Server running ESXi

Category	Attributes
Adapter	Name
	Driver Name
	Driver Version
	Make
	Model
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
	PCI
	Link
	Speed
	Duplex
	MAC Address
	MTU
	Firmware Version
	Auto Negotiate
	RX
	TX
	RX Check Summing
	TX Check Summing
	Scatter Gather
	TCP Segmentation Offload
	UDP Fragmentation Offload
	Generic Segmentation Offload
	iSCSI Enabled
	TCP/IP Large Receive Offload
	vSwitch

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Type
Adapter Setting	Name
	Current
	Default
	Min
	Max
	Settable
	Inherit
Additional Information	Name
	Version
Amperage	Location
	Reading
Array Disks	Connector
	Status
	Health Status
	Serial Number
	Name
	State
	Power Status
	Bus Protocol
	Failure Predicted
	Media Type
	Revision
	T10 PI (Protection Information) Capable
	Certified
	Encrypted
	Encryption Capable
	Capacity
	Used RAID Disk Space (Bytes)
	Available RAID Disk Space
	Hot Spare
	Progress
	Mirror Set ID
	Model Number
	Vendor
	Part Number
	Maximum Capable Speed

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	SAS Address
	Negotiated Speed
	Product ID
	Manufactured Year
	Manufactured Week
	Manufactured Day
	Sector Size
	Device Name
	Remaining Rated Write Endurance
	ISE Capable
	Non-RAID HDD Disk Cache Policy
	ID
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Device Protocol
	Driver Version
	Form Factor
	Sub Vendor
	Available Spare
Auto Recovery	Action On Hung Operating System Detection
	System Reset Timer
BIOS	Manufacturer
	Version
	Release Date
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Status
	Health Status
	Reading
Bios Setup	Attribute
	Settings
Boot Settings	Description
	Value
CPU Details	Cache2 Maximum Size
	Cache3 Maximum Size
	Cache1 Installed Size

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Location
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Installed Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Location
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Installed Size
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Location
	Cache3 Type
	Cache3 Level
	Cache3 Status
Check iDRAC Response	Model
Connector	Name
	State
	Connector Type
	Status
	Health Status
	ID
	Name
	Firmware Version
	Driver Version
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Reconstruct Rate
	Check Consistency Rate
	Cache Memory Size (MB)
	Patrol Read Rate
	Patrol Read Iterations
	State
	Slot ID
	Abort Check Consistency On Error
	Allow Revertible Hot Spare And Replace Member
	Load Balance
	Auto Replace Member On Predictive Failure
	Persistent Hot Spare
	CacheCade Capable
	Encryption Capable
	Encryption Key Present
	Spin Down Unconfigured Drives
	Spin Down Hot Spares
	Spin Down Configured Drives
	Automatic Disk Power Saving (IdleC)
	Patrol Read Mode
	Time Interval For Spin Down (Minutes)
	Alarm State
	T10 Protection Information Capable
	Patrol Read State
	Encryption Mode
	Status
	Health Status
	Number Of Extenders
Battery	Slot Number
	Name
	Predicted Capacity Status
	Learn State
	Next Learn Time
	Maximum Learn Delay
	State
	Health Status
	Status

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Learn Mode
	Recharge Count
	Maximum Recharge Count
Controller Battery Dependency	NoInstances
Controller Dependency	Controller ID
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
DVSwitch	Name
	No of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
DV Switch Ports	DV PortID
	In Use
	Client
Datastore	Name
	Type
	VMFS Version
	Capacity
	Provisioned
	Committed
	Free Space
	Remote Host
	Block Size
	Extent Count
	VM Count
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Capable
	Enabled
Disk	Name
	Display Name
	Size
	Multipath Plugin
	Vendor
	Model
	Status
	RDM
	Local
	Removable
	Thin Provisioning Status
	VAAI Status
Drivers	Internal Name
	Dependent Modules
	Use Count
	Module Size
	Status
Enclosure	ID
	Name
	State
	Connector
	Firmware Version
	Service Tag
	Asset Tag
	Asset Name
	Target ID
	Split Bus Part Number
	Express Service Code
	SAS Address
	Alarm
	Configuration
	Status
	Health Status
	PCIe SSD Extender
Enclosure EMM	Name

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Status
	Health Status
	Part Number
	Firmware Version
	State
Fans	Name
	Status
	Health Status
	Part Number
	State
	Speed
Power Supplies	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
Temperatures	Status
	Health Status
	State
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	ID
	Name
Extent	Canonical Name
	Vendor
	Model
	UUID
	Multipath Policy
	Path Runtime Name
	Path Count
	Path Target
External Enclosure	Controller ID
	ID

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
FC Adapter	Adapter Name
	Driver Name
	Port ID
	Attached Device Node Name
	Attached Device Port Name
	Speed
	Port Type
	Port State
FC HBA Onboard Setting	Maximum Queue Depth
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
	Health Status
Fan Redundancy	Redundancy Status
File System	Mount Point
	Volume Name
	Mounted
	Type
	Size
	Free
Firmware	Name
	Version
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
HBA Onboard Setting	Adapter Name

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	FC Firmware Version
	Driver Version
	BIOS Version
	EFI Version
	Flash Firmware Version
	Device Queue Depth
	Host Adapter
	Loop State
	Flags
	Link Speed
	Link Down Timeout
	Port Down Retry
	Login Retry Count
	Execution Throttle
	SCSI Adapter Node
	SCSI Adapter Port
	Host Device Name
Hardware Log	Description
	Date And Time
	Severity
	Raw SEL Data
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Host Adapter	Adapter Name
	Driver
	Link State
	UID
	Description
	Rx Frames
	Tx Frames
Host Service	Name
	Startup Policy
	Status
Hyper Threading (HT)	Technology
	Capable

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Enabled
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	Interrupts Per CPU
	Device
	Type
Installed Applications	Name
	Vendor
	Acceptance Level
	Version
	Install Date
	Summary
	Bulletin ID
Integrated Devices	Description
	Value
Intrusion	Probe Name
	State
	Status
	Health Status
Kernel Module Info	File Name
	Id
	Loaded
	Name

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Option String
	Use Count
	Version
Kernel NICs	VmkNIC
	Port Group
	vSwitch
	IP Family
	IP Address
	Netmask
	Broadcast
	MAC Address
	MTU
	TSO MSS
	Enabled
	Type
	TOE
	TSO
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Logical Network Portal	Adapter Name
	VmkNIC
	MAC Address
	MAC Address Valid
	Compliant
MEM Kit	Mem Kit Version
	Reconfig
	Table Update
	Total Sessions
	Volume Sessions
	Member Sessions
Main Chassis	System Revision Name
	Fault LED Flash On Severity Level
	Index
	Chassis Name
	Server Module Location

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Device System ID
	Flash Chassis Identify LED State
	Host Name
	System Location
	Express Service Code
	Flash Chassis Identify LED Timeout value
	Server Model
	Chassis Lock
	Server Service Tag
	Server Asset Tag
	System Revision
	Max CPU Sockets
	Populated CPU Sockets
Memory	Device Name
	Size
	Speed
	Rank
	Failures
	Status
	Health Status
	Type
	Type Detail
Memory Array	Location
	Use
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Total Installed Capacity Available To OS
	Failover State
	Redundancy Status
	Redundancy Configuration
Memory Operating Mode	Redundancy Status

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Product
	Description
	Version
	IP Address
	Model
	IP Address Type
	IP Address Source
	Chassis Service Tag
	Express Service Code
NIC Configuration	Channel Number
	NIC Selection
	Primary Network
	Failover Network
Network	Link Status
	Duplex
	IRQ
	DMA List
	Base IO Address
	Base Memory Address
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path
	Current MAC Address
	Team Name

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Firmware Version
	Maximum Transmission Unit
	Speed
	Default Gateway
	Received Good Frames
	Received Bad Frames
	Received Alignment Errors
	Received FCS Errors
	Received Frames Too Long
	Received Bytes
	Received Total Packets
	Received Unicast Packets
	Received Multicast Packets
	Received Broadcast Packets
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	Administrative Status
	Operational Status
	Type
	Connection Status
	DHCP Server

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	TOE Enabled
	TOE Capable
	IP Address
	IPv6 Address
	Image Path
	Subnet Mask
	Prefix Length
	Name
	Npar EP Enabled
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
Network Interface Card	Name
	IP Address
	MAC Address
	Virtual Machine Network
Network List	Device NIC Id
Network Portal	Adapter Name
	VmkNIC
	MAC Address
	IPv4
	IPv4 Subnet Mask
	MTU
	VLAN ID
	TOE
	TSO
	Link Up
	NIC Driver
	NIC Driver Version
	Firmware Version
	Noncompliant Message

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Noncompliant Remedy
	Vswitch
Network Settings	Description
	Value
Network Team Interface	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path
	Current MAC Address
	Team Name
	Maximum Transmission Unit
	Speed
	Default Gateway
	Received Good Frames
	Received Bad Frames
	Received Alignment Errors
	Received FCS Errors
	Received Frames Too Long
	Received Bytes
	Received Total Packets
	Received Unicast Packets
	Received Multicast Packets
	Received Broadcast Packets
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Team Interface Transmitted Collisions

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Team Interface Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	IPv4 Address
	Subnet Mask
	IPv6 Address
	Prefix Length
	IPv6 Address Name
	Administrative Status
	Operational Status
	Type
	Connection Status
	Team Type
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	Redundancy Status
Network Team List	Vir NIC Id
Execute Disable (XD)	Technology
	Capable
	Enabled
One-Time Boot	Description
	Value
Open Manage	Version
	Path
Operating System	OS Name
	Version

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Install Date
	System Name
PCIe SSD Extender	Name
	State
	Status
	Health Status
Partition	Name
	Capacity
	Free
	Used
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Physical Network Portal	Adapter Name
	VmNIC
	MAC Address
	MAC Address Valid
	Current Speed
	Max Speed
	Max Frame Size
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Port Group	Name
	VLAN ID
	Used Ports
	Uplinks
	Teaming Policy
	Device Name
	DHCP
	IP Address
	Subnet Mask
	MAC Address

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	MTU
	Assigned VMs
Power Budget	Enable Power Capping
	Power Capping
Power Headroom	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
Power Supply	Location
	Power Monitoring Capable
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Status
	Health Status
	Type
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	Process Name
	WID
	CID
	PC ID
	State

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Wait
	CPU
	Time
	Command
	Connector Name
	Manufacturer
	Family
	Processor Brand
	Version
	Core Count
	Current Speed
	Maximum Speed
	External Clock Speed
	Voltage
	State
	Status
	Occupied
	Health Status
	Voltages
Processor Settings	Description
	Value
Raw Device Mapping	Compatibility Mode
	Vendor
	Model
	Canonical Name
	UUID
	Multipath Policy
	Path Count
	Path Run Time Name
	Path Target
Remote Access	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	SOL Enabled

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	MAC Address
	Enable VLAN ID
	VLAN ID
	Priority
	IP Address Source
	IP Address
	IP Subnet
	IP Gateway
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SATA Settings	Description
	Value
SCSI Adapter	Controller Name
	Controller Type
	Controller Position
SCSI LUN	Device Name
	UUID
	Vendor
	Model
	Canonical Name
	Capacity (GB)
	Policy
	Path Count
	Path Runtime Name
	Path Target
SAN Statistics	Adapter Name
	Total Sessions

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Total Connections
	Login Request PDUs
	Login Response PDUs
	Logout Request PDUs
	Logout Response PDUs
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Baud Rate
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Model
	Service Tag
	Operating System
	OS Name
Server Detail	Operating System Version
	status
Host	Make
	Model

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Service Tag
	Operating System Version
	Host Name
	License
	Update Version
	License Expiration
	Maintenance Mode
	Power State
	Overall Status
	Datastores
	Processor Type
	CPU Sockets
	CPU Cores
	CPU Cores Speed
	CPU Capacity
	CPU Used
	CPU Free
	Memory Capacity
	Memory Used
	Memory Free
	Current EVC Mode Key
	Maximum EVC Mode Key
	Host Bus Adapters
	Network Adapters
	Reboot Required
	Software iSCSI Enabled
	Fibre Channel Present
	Dell MEM Installed
	Dell MEM Version
Services	Services
	State
Slot	ID
	Slot ID
	Adapter
	Type
	Slot Length
	Speed

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Category
	Hot Plug Capable
	Voltage Supply
	Shared Slot
	Card Bus
	Modem Ring Resume
	Zoom Video
	PC Card-16
	Power Management Enable (PME) Signal
	Adapter Data Bus Width
	Slot ID
	Adapter Manufacturer
	Adapter Description
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
64-bit Support	Technology
	Capable
	Enabled
System Information	Description
	Value
System Profile Settings	Description
	Value
System Security	Description
	Value
Target Port	Target Port Name
	Port Type
	Port Value
Temperatures	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
	Health Status

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
Turbo Mode	Technology
	Capable
	Enabled
UEFI Boot Settings	Description
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
VAAI Configuration	Hardware Accelerated Move
	Hardware Accelerated Init
	Hardware Accelerated Locking
VAAI Status	Description
	VAAI Plugin Name
	ATS Status
	Clone Status
	Zero Status
	Delete Status
Validate OMSA Installation	External Name
	Is Occupied
Validate SMASH	Caption
	Current Speed
	Chassis Model
Variables	Variables
	Variable Value
Virtual Disk	Name
	Encrypted
	Progress
	T10 Protection Information Capable
	Size
	Layout
	State
	Status
	Health Status

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Device Name
	Bus Protocol
	Media Type
	Cache Policy
	Disk Cache Policy
	Read Policy
	Stripe Element Size
	Write Policy
	Hot Spare Policy violated
	Location
	Mode
	Type
	Format
	Provisioned
Virtual Disks	Controller ID
	Virtual Disk ID
Virtual Machine	Name
	Version
	Hostname
	Operating System
	Power State
	Committed
	Provisioned
	Snapshots Present
	CPU Used
	Host Memory Used
	Guest Memory Used
	RDMs Present
	Disk Count
	CPU Count
	NIC Count
	Memory
	Tools Status
Virtualization Technology(VT)	Technology
	Capable
	Enabled
Voltages	Probe Name

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
iSCSI Adapter	Manufacturer
	Firmware Version
	Driver Version
	HBA Model
	Port ID
	Serial Number
	IP Address
	Default Gateway
	Subnet Mask
	iSCSI Name
	Adapter Name
	Driver Series
	State
	Description
	Is Software Based
	iSCSI Discovery Portal
	MAC Address
	NIC Binding
	iSCSI Offload Engine
	Arp Redirection
	Large Frame
	MTU
iSCSI Disk	Disk
	Path Selection Policy
	Storage Array Type
	Target
iSCSI Disk Detail	Runtime Name
	Adapter
	Lun
	Status

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Preferred
iSCSI File System	Partition Name
	File System Path
	VMFS UUID
	VMFS Extent
	VMFS Volume
iSCSI Initiator	Adapter Name
	VmkNIC
	Adapter Driver
	Link State
	Delayed Ack Status
	Adapter Unique Identifier
	Login Timeout
	Logout Timeout
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
	Description
	Type
	Vmknic
	Sub Vendor ID
	Sub Device ID
iSCSI Path	Runtime Name
	Adapter
	Target
	Lun
	Status
	Preferred
vSwitch	Name
	Number of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
	Teaming Policy
	Active Adapters

Table 5. Attributes for Server running ESXi (continued)

Category	Attributes
	Standby Adapters
	Unused Adapters
	ISCSI
	ActiveNICs

NOTE: If sfcbd and cimom are not enabled, Service Tag is not available in Deployment collections from hypervisors running ESXi.

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Items reported from virtual machines running Linux

Table 6. Attributes for virtual machines running Linux

Category	Attribute Name
Adapter	Interface Name
	Inet Address
	MTU
	IP Subnet
	MAC Address
	Driver Name
	Driver Version
	Firmware Version
	RX Check Summing
	Scatter Gather
	UDP Fragmentation Offload
	TX Check Summing
	TCP Segmentation Offload
	Generic Segmentation Offload
	Speed
	Link Status
	Autonegotiate
	TX
	RX
	Manufacturer
	Model
	Device ID
	Sub Vendor ID
	Sub Device ID
	Installed Slot
	Driver Update Version
	Update Driver
	Firmware Update Version
	Update Firmware
	iSCSI Enabled

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	Type
	Initiator Name
	CheckSum OffLoad
	Delayed Ack Status
	VLAN ID
	Port ID
	IPv6 Address
	VLAN Tagging
	Port Count
	DCBStatus
	HBA Mode
	ISOE Status
	Reciever Side Scaling
	Slave Interfaces
	Sub Vendor ID
	Sub Device ID
Bonds	BondValue
Boot GRUB List	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
Boot List	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
Boot Menu List	Name
	Value
Configured PS Groups	Group Name
	Group IP

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
Device Map List	Name
	Value
Disk Usage	File System
	Size
	Used
	Available
	Use
	Mounted On
Display	Name
	Value
Display Sub Section	Name
	Value
Driver Modprobe Configuration	Command
	Module Name
	Options
Drivers	Name
	Module Path
Drivers Loaded Module	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
EHCM	CPU Percentage
	Mem Percentage
	Process ID
Environment Variable	Variables
	Variable Value
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
IO Ranges	Address Range
	Device
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
ISOE Enabled	ISOEAttr
Installed Applications	Application Name

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	Package Name
	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
MPIO/HitKit Components	Max Connections Per Member
	Max Mpio Session
	Use IPv4
	Load Balance Type
	iSCSI Initiator
	Max Devices Per MPIO Session
	Use MPIO For Snapshots
	Min Adapter Speed
	IO Per Path
	Chap Discovery
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
Multipath Info	Volume Size
	EqualLogic Volume
	Volume Alias
Network Adapter	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	Status Characteristics
	MTU
	Metric
	Memory
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
Network DNS Configuration	Name
	Value
Network Host	Name
	Value
Operating System	OS Name
	Version
	System Name
	Install Date
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Processes	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	STAT
	Start
	Time
	Command
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
Screen Attribute	Name
	Value
Services	Services
	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
Storage Volumes	File System
	Size
	Used Space
	Available Space
	Used Percentage
	Mounted
Subnets Excluded	IP Subnet
Subnets Included	IP Subnet
Target Name	Name
	Current Portal
	Persistent Portal
	Iface Name
	Iface Initiator name
	Iface IP address

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	iSCSI Connection State
	iSCSI Session State
Active Tuning Parameters	Parameter
	Value
USB	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Controller Information	Controller Information
	Serial Number
USB Device	Bus Number
	Level
	Parent Device Number
	Port
	Count Of Devices
	Device Number
	Device Speed
	Maximum Children
	Total Bandwidth
	Number Of Interrupt Requests
	Number Of ISO Chronous Requests
	Version
	Device Class
	Device Sub Class
	Device Protocol
	Maximum Packet Size Of Default Endpoint
	Number Of Configurations
	Vendor ID Code
	Product ID Code
	Product Revision Number
	Manufacturer

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number
	Number Of End Points
	Interface Class
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Host	Model
	Service Tag
	Make
	Hostname
	Operating System
	Release
	Architecture
	Kernel Release
	Kernel Date
	Kernel Data
	UUID
	System Date

Table 6. Attributes for virtual machines running Linux (continued)

Category	Attribute Name
	Dell HitKit Installed
	Dell HitKit Version
Virtual Machine	Hostname
	OS Name
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State
iSCSI Initiator	iSCSIadm Version
	iSCSI Initiator IQN
iSCSINode	Attached Device Node Name
	Iface Name
	Session Time Out
	Session Cmds Max
	Session Queue Depth

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Items reported from chassis

Items reported from PowerEdge FX2/FX2s, M1000e, and VRTX

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes

Category	Attribute Name
Active Error	Module ID
	Severity
	Message
	ModuleID
Chassis Information	DNS Server 1
	DNS Server 2
	Midplane Version
	Primary Management Module Firmware Version
	VLAN ID
	Chassis Power Status
	Gateway
	Health
	MAC Address
	Netmask
	Standby Management Module Firmware Version
	Primary Management Module Location
	Primary CMC Location
	Last Firmware Update
	DNS CMC Name
	Standby CMC Firmware Version
	Chassis Name
	DNS Domain Name
	IP Address
	DNS Management Module Name
	Register Management Module on DNS
	Service Tag
	Primary CMC Firmware Version
	Register CMC on DNS
	System Model

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes (continued)

Category	Attribute Name
Chassis Module State	Health
	Module Name
	Power State
Chassis Slot	Mezzanine B Type
	Mezzanine C Type
	Mezzanine C Model
	Blade Type
	Host Name
	Mezzanine B Model
	Presence
	Slot Name
	BIOS Version
	Servicetag
	Service Tag
Controller	Driver Version
	FQDD
	Capable Speeds
	Firmware Version
	Persistent Hot Spare
	Cache Memory Size (MB)
	HighAvailabilityMode
	Status
	Load Balance Setting
	Name
	Slot Type
	Encryption Mode
	Security Status
	Slot Length
Enclosure	Firmware Version
	Rollup Status
	SAS Address
	FQDD
	Status
	Name
	Bay Id
	Slot Count
Environment	NTP Server 1 IP Address

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes (continued)

Category	Attribute Name
	SMTP 'To' E-mail Address 1
	SMTP 'To' E-mail Address 4
	SNMP Community Name
	SMTP 'To' E-mail Address 3
	SMTP 'From' E-mail Address
	SMTP 'To' E-mail Address 2
	iKVM Firmware Version
	SMTP Server IP Address
	NTP Server 2 IP Address
	NTP Server 3 IP Address
Event Filter	Sub Category Description
	Severity
	Notifications
	Name
	Category
Extended Power Performance Information	EPP Available Power
	EPP Percentage Available
	EPP Used Power
	EPP Status
Fabric	MTU
	VLAN
	PortNumber
	BreakoutConfiguration
Fan	Presence
	Power State
	Reading
	Slot
	Health
Hard Drive	Media Type
	Bus Protocol
	HealthStatus
	Capacity
	SlotAssignment
	SlotId
	Name
	State
License Detail	Status

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes (continued)

Category	Attribute Name
	Expiration
	License Description
	License Type
License Information	Device Description
	License Status
	Device
MAC WWN Address assignment by Chassis Slot and Mezz Card	NIC1 MAC Address
	Type
	NIC2 MAC Address
	Presence
	BMC MAC Address
	Name
Management Module	Firmware Version
	Name
PCIe Adapter Slot	PCIe Slot
	Server Slot
	Virtual Adapter
	Server Slot Name
PCIe Slot	Server Slot Name
	Name
	PCIe Slot
	Server Slot
	Power State
Physical Disk	Bus Protocol
	Failure Predicted
	Form Factor
	Serial Number
	FQDD
	Media Type
	Revision
	Status
	Capable Speed
	Manufacturer
	Part Number
	Power Status
	Current Active Controller
	Size

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes (continued)

Category	Attribute Name
	Available RAID Disk Space
	Hot Spare
	Position
	Product ID
	Name
	Negotiated Speed
	State
	Used Raid Disk Space
Power Summary	Health
	Input Power
	Chassis Power State
	Idle Power
	System Energy Consumption
	Minimum Power
	Potential Power
	Peak Power
	Redundancy
	System Input Current Reading
Power Supply	Output Power
	Model
	Power State
	Presence
	Health
	Slot
Server Slot	Lifecycle Controller Firmware Version
	iDRAC Generation
	iDRAC Gateway
	IP Address
	Server
	iDRAC Version
	Updatable
	iDRAC Netmask
SNMP Information	SNMP Agent Enabled
SNMP Trap	Enabled
	Index
	Destination IP Address
Storage	AssignmentMode

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes (continued)

Category	Attribute Name
	FQDD
	Service Tag
	Model
	AssetTag
	Firmware Version
	Power State
	DriveSlotCount
	Name
Switch Slots	Display Name
	Firmware Version
	Model
	Service Tag
	Switch Model
	Slot Name
	Type
	Health
	Presence
	Role
	Hardware Version
	Power State
Temperature Sensor	Lower Critical
	Status
	Upper Critical
	Reading
	Units
	Upper Warning
	Lower Warning
	Sensor Name
Virtual Adapter Assignment To Blade Slot	Server Slot Name
	Storage Adapter Slots
	Virtual Adapter
	Server Slot
	Server Presence
Virtual Adapter Assignment To Virtual Disk	Failover Controller
	Current Active Controller
	Virtual Adapter1 Access Policy
	Virtual Adapter4 Access Policy

Table 7. PowerEdge FX2/FX2s, M1000e, and VRTX attributes (continued)

Category	Attribute Name
	FQDD
	Virtual Adapter3 Access Policy
	Virtual Adapter2 Access Policy
Virtual Disk	Media Type
	Current Active Controller
	Status
	Layout
	Read Policy
	Available Protocols
	FQDD
	Secured
	Virtual Adapter2 Access Policy
	Virtual Adapter4 Access Policy
	Name
	Write Policy
	Bad Blocks Found
	Enhanced Cache
	State
	Virtual Adapter3 Access Policy
	Size
	Virtual Adapter1 Access Policy

Items reported from PowerEdge MX7000

Table 8. PowerEdge MX7000 attributes

Category	Attribute Name
MAC WWN Address assignment by Chassis Slot and Mezz Card	Name
	Type
	Presence
	BMC MAC Address
	NIC1 MAC Address
	NIC2 MAC Address
Chassis Information	Chassis Name
	System Model
	Primary Management Module Firmware Version
	Primary Management Module Location
	Standby Management Module Firmware Version

Table 8. PowerEdge MX7000 attributes (continued)

Category	Attribute Name
	Last Firmware Update
	MAC Address
	Register Management Module on DNS
	IP Address
	Service Tag
	Health
	Midplane Version
	DNS Management Module Name
	DNS Domain Name
	Gateway
	Netmask
	DNS Server 1
	DNS Server 2
	Chassis Power Status
	Chassis Group Name
Chassis Slot	Slot Name
	Host Name
	Presence
	Mezzanine B Type
	Mezzanine B Model
	Mezzanine C Type
	Mezzanine C Model
	Servicetag
	BIOS Version
	Blade Type
Event Filter	Name
	Category
	Sub Category Description
	Severity
	Notifications
Fan	Slot
	Reading
	Power State
	Health
	Presence
Hard Drive	Bus Protocol
	Capacity

Table 8. PowerEdge MX7000 attributes (continued)

Category	Attribute Name
	Media Type
	Slot
	Slot Assignment
	State
	Health
	Name
Power Summary	Health
	Idle Power
	Input Power
	Minimum Power
	Peak Power
	Potential Power
	Redundancy
	System Input Current Reading
	System Energy Consumption
	Chassis Power State
Power Supply	Slot
	Power State
	Presence
	Health
	Model
	Output Power
SNMP Information	SNMP Agent Enabled
SNMP Trap	Index
	Enabled
	Destination IP Address
Server Slot	Server
	iDRAC Version
	iDRAC Generation
	Updatable
	IP Address
	iDRAC Gateway
	iDRAC Netmask
	Lifecycle Controller Firmware Version
Storage	Assignment Mode
	FQDD
	Service Tag

Table 8. PowerEdge MX7000 attributes (continued)

Category	Attribute Name
	Model
	Asset Tag
	Firmware Version
	Power State
	Drive Slot Count
	Name
Switch Slots	Slot Name
	Model
	Service Tag
	Presence
	Role
	Power State
	Hardware Version
	Firmware Version
	Type
	Display Name
Temperature Sensor	Sensor Name
	Status
	Reading
	Lower Warning
	Lower Critical
	Upper Warning
	Upper Critical
	Units
VLAN	Description
	Type
	VLAN ID
	VLAN Name