

# SupportAssist Enterprise Version 1.1

## Reportable Items

## Notes, cautions, and warnings

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

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

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

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# Introduction

SupportAssist Enterprise is an application automates technical support for your Dell server, storage, and networking devices. By default, SupportAssist Enterprise collects system information periodically from each device and sends the data securely to Dell. Typically, system information is collected as follows:

- Periodically — At regular intervals, depending on the configured collection frequency. By default, SupportAssist Enterprise is configured to collect system information from your devices once a month.
- On case creation — When a support case is created for an issue that has been identified by SupportAssist Enterprise.
  - ① **NOTE:** When an issue is detected on devices with a Basic Support entitlement, SupportAssist Enterprise does not create a support case. However, system information is collected and sent to Dell.
- Manual (on demand) — If requested by Dell Technical Support, you can initiate the collection of system information from one or more devices at any time.
  - ① **NOTE:** If required, you can disable the periodic collection of system information for a specific device type or for all device types. For more information, see the "Configuring collection settings" section in the *SupportAssist Enterprise Version 1.1 User's Guide* at [Dell.com/ServiceabilityTools](https://Dell.com/ServiceabilityTools).
  - ① **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 "Configuring collection settings" section in the *SupportAssist Enterprise Version 1.1 User's Guide* at [Dell.com/ServiceabilityTools](https://Dell.com/ServiceabilityTools).
  - ① **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<sub>n</sub>—for example, TOKEN0, TOKEN1, or TOKEN2.

The collected system information is saved in a secured database on the server where SupportAssist Enterprise is installed. Data collected from servers can be viewed by using the Configuration Viewer available in SupportAssist Enterprise. For storage, networking, and chassis devices, you can download the collected data and view it by using a web browser.

This document provides the list of attributes that may be available in the data collected by SupportAssist Enterprise from server, storage, networking, and chassis devices.

# Items reported from servers running Windows - Tech Support

Table 1. Attributes for Server running Windows

Category	Attribute Name
Additional Information	Name
	Version
Advanced_Logs_Registry_Dependency	Value
Amperage	Location
	Reading
Application Log	Date Time
	Event ID
	Message
	Source
	Status
	Type
	Health Status
Array Disk	Available RAID Disk Space
	Bus Protocol
	Capable Speed
	Capacity
	Certified
	Connector
	Device Name
	Device Protocol
	Driver Version
	Encrypted
	Encryption Capable
	Failure Predicted
	Hot Spare
	Manufacture Day
	Manufacture Week
	Manufacture Year
Media Type	
Mirror Set ID	

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Model Number
	Name
	Negotiated Speed
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Part Number
	Power Status
	Product ID
	Progress
	Remaining Rated Write Endurance
	Revision
	SAS Address
	Sector Size
	Serial Number
	State
	Status
	T10 PI Capable
	Used RAID Disk Space
	Vendor
	Health Status
<b>Auto Recovery</b>	Action On Hung Operating System Detection
	System Reset Timer
<b>BIOS</b>	Manufacturer
	Release Date
	Version
<b>BIOS Boot Setting</b>	Description
	Value
<b>Battery</b>	Probe Name
	Reading
	Status
	Health Status
<b>Boot Page file</b>	Current
	Initial
	Maximum
<b>Boot Setting</b>	Description
	Value
<b>CPU Detail</b>	Cache1 Associativity

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Cache1 Error Correction Type
	Cache1 Level
	Cache1 Location
	Cache1 Size
	Cache1 Status
	Cache1 Type
	Cache1 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Level
	Cache2 Location
	Cache2 Max Size
	Cache2 Size
	Cache2 Status
	Cache2 Type
	Cache2 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Level
	Cache3 Location
	Cache3 Max Size
Cache3 Size	
Cache3 Status	
Cache3 Type	
Cache3 Write Policy	
<b>Channel</b>	Connector Type
	Device Location
	Manufacturer
	Name
	Parent Location
	Status
	Health Status
<b>Check iDRAC Response</b>	Model
<b>Component</b>	Component
<b>Component Detail</b>	Component ID
	Component Type
	Description

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Hardware Device ID
	Hardware Sub Device ID
	Hardware Sub Vendor ID
	Hardware Vendor ID
	Software Version
<b>Connector</b>	Connector Type
	Name
	State
	Status
	Health Status
<b>Controller</b>	Abort Check Consistency On Error
	Alarm State
	Allow Revertible Hot Spare And Replace Member
	Auto Replace Member On Predictive Failure
	Automatic Disk Power Saving Idle C
	BGI Rate
	Cache Cade Capable
	Cache Memory Size
	Check Consistency Rate
	Driver Version
	Encryption Capable
	Encryption Key Present
	Encryption Mode
	Firmware Version
	ID
	Load Balance
	Name
	Number Of Connectors
	Number Of Extenders
	Patrol Read Iterations
	Patrol Read Mode
	Patrol Read Rate
	Patrol Read State
	Persistent Hot Spare
	Rebuild Rate
	Reconstruct Rate
	Slot ID

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Spin Down Configured Drives
	Spin Down Hot Spares
	Spin Down Unconfigured Drives
	State
	Status
	Stor Port Driver Version
	T10 Protection Information Capable
	Time Interval For Spin Down In Minutes
	Health Status
<b>Controller Battery</b>	Learn Mode
	Learn State
	Max Recharge Count
	Maximum Learn Delay
	Name
	Next Learn Time
	Predicted Capacity Status
	Recharge Count
	Slot Number
	State
	Status
Health Status	
<b>Controller Dependency</b>	Cntrl Id
<b>Custom Attribute</b>	CPU Power And Performance Management
	Fan Power And Performance Management
	Memory Power And Performance Management
<b>DMA</b>	Channel
	Device
	Status
<b>DRAC Information</b>	Description
	IP Address
	IP Gateway
	IP Subnet
	Product
	Version
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching</b>	Capable

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Enabled
	Technology
<b>Display</b>	Adapter Description
	Adapter RAM
	Adapter Type
	Bits Pixel
	Color Planes
	Color Table Entries
	Driver Version
	Installed Drivers
	PNP Device ID
	Program
<b>Driver</b>	Company Name
	Description
	Filename
	Internal Name
	Name
	Start
	Status
	Type
	Version
<b>Enclosure</b>	Asset Name
	Asset Tag
	Configuration
	Connector
	Enclosure Alarm
	Express Service Code
	Firmware Version
	ID
	Name
	PCIe SSD Extender
	SAS Address
	Service Tag
	Split Bus Part Number
	State
Status	

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Target ID
	Health Status
<b>Enclosure EMM</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Fan</b>	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
	Health Status
<b>Environment</b>	Environment
<b>External Enclosure</b>	Controller ID
	Enclosure ID
<b>FC Controller</b>	Driver Version
	FC Controller
	Firmware Version
	Host WWN

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Model
	Name
	Serial Number
	Type
	Vendor Code
	Vendor Name
<b>FC HBA Port</b>	Port FC ID
	Port Number
	Port OS Name
	Port Speed
	Port State
	Port Supported Speed
	Port Type
	Port WWN
<b>FRU</b>	Device
	Manufacture Date
	Manufacturer
	Part No
	Revision
<b>Fan</b>	Serial No
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
Health Status	
<b>Fan Redundancy</b>	Redundancy Status
<b>Firmware</b>	Name
	Version
<b>Front Panel</b>	NMI Button
	Power Button
<b>General</b>	Attribute
	Settings
<b>Hardware Log</b>	Date And Time
	Description

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Raw SEL Data
	Severity
	Health Status
<b>Hardware Performance</b>	Cause
	Probe Name
	Status
<b>Hyper Threading</b>	Capable
	Enabled
	Technology
<b>IO Range</b>	Address Range
	Device
	Status
<b>IPv4 Address</b>	Description
	Subnet Mask
<b>IPv6 Address</b>	Description
	IPv6 Address Name
	Prefix Length
<b>IPv6 Detail</b>	Alternate DNS Server
	DNS Address Source
	Default Gateway
	IP Address Source
	IPv6 Address1
	IPv6 Address2
	Link Local Address
	Preferred DNS Server
<b>IRQ</b>	Caption
	IRQ Number
	Status
<b>Installed Application</b>	Install Date
	Install Location
	Install Source
	Name
	Publisher
	URL Info About
	Version
<b>Integrated Device</b>	Description
	Value

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Integrated Devices</b>	Description
	Value
<b>Interface Member</b>	Physical Interface
	Team Interface
<b>Internet Explorer</b>	Key
	Value
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>Kernel Dump</b>	File Name
	Size In KB
<b>LCD Information</b>	Enable Remote Indication
	Front Panel LCD Security Access
<b>LCD Line Information</b>	Name
	Value
<b>Logs</b>	Logs
<b>Logs_Enumeration_Dependency</b>	Value
<b>Logs_Registry_Dependency</b>	Value
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout Value
	Host Name
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Location
	System Revision
System Revision Name	
<b>Mem List</b>	Mem ID
<b>Memory</b>	Device Name

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Failures
	Rank
	Size
	Speed
	Status
	Type
	Type Detail
	Health Status
<b>Memory Array</b>	ECC Type
	Installed Capacity
	Location
	Maximum Capacity
	Slots Available
	Slots Used
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Use
<b>Memory Operating Mode</b>	Fail Over State
	Memory Operating Mode Configuration
	Redundancy Status
<b>Memory Range</b>	Device
	Range
	Status
<b>Memory Redundancy</b>	Fail Over State
	Redundancy Configuration
	Redundancy Status
<b>Memory Setting</b>	Description
	Value
<b>Mini Dump</b>	File Name
	Size In KB
<b>Miscellaneous Setting</b>	Description
	Value
<b>Modular Enclosure Information</b>	Chassis Service Tag
	Description
	Express Service Code
	IP Address

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	IP Address Source
	IP Address Type
	Model
	Product
	Version
<b>Module</b>	File Date Time
	Internal Name
	Manufacturer
	Size
	Source Path
	Version
<b>NIC Configuration</b>	Channel Number
	Fail Over Network
	NIC Selection
	Primary Network
<b>Network</b>	Administrative Status
	Base IO Address
	Base Memory Address
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	DMA
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	IRQ
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
Operational Status	

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Slot Name
	Speed
	TOE Capable
	TOE Enabled
	Team Name
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Carrier Sense Errors
	Transmitted Collisions
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Type
	Vendor
<b>Network Adapter</b>	Adapter Type
	DHCP Enabled
	DHCP Lease Expires
	DHCP Lease Obtained
	DHCP Server
	DNS Domain
	DNS Server IP
	Default IP Gateway
	Driver Path
	IP Enabled
	IP Subnet
	IPv4 Address
	IPv6 Address
	Index
	Installed
	Last Reset
	Mac Address
	Name
PNP Device ID	
Product Type	
Service Name	
<b>Network List</b>	Dev NIC ID
<b>Network Protocol</b>	Connectionless Service
	Guarantees Delivery
	Guarantees Sequencing
	Maximum Address Size
	Maximum Message Size
	Message Oriented
	Minimum Address Size
	Name
	Pseudo Stream Oriented
	Status
	Supports Broadcasting
	Supports Connect Data
	Supports Disconnect Data

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Supports Encryption
	Supports Expedited Data
	Supports Graceful Closing
	Supports Guaranteed Bandwidth
	Supports Multicasting
<b>Network Team Interface</b>	Administrative Status
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	IPv4 Address
	IPv6 Address
	IPv6 Address Name
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	Operational Status
	Prefix Length
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
Received Multicast Packets	
Received Total Packets	

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Received Unicast Packets
	Received Unknown Protocols
	Redundancy Status
	Slot Name
	Speed
	Subnet Mask
	Team Interface Transmitted Carrier Sense Errors
	Team Interface Transmitted Collisions
	Team Name
	Team Type
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets
Type	
Vendor	
<b>Network Team List</b>	Vir Nic Id
<b>No Execute</b>	Capable
	Enabled
	Technology
<b>OME Log_Dependency</b>	Value
<b>One Time Boot</b>	Description
	Value
<b>OpenManage</b>	Name
	Version

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
<b>Operating System</b>	Available Physical Memory In GB
	Available Virtual Memory In GB
	BIOS Release Date
	BIOS Version
	Boot Device
	Hardware Abstraction Layer
	Locale
	OS Install Date
	OS Manufacturer
	OS Name
	Other OS Description
	Page File Name
	Page File Size
	SM BIOS Version
	System Directory
	System Manufacturer
	System Model
	System Name
	System Type
	Time Zone
	Total Physical Memory In GB
	Total Virtual Memory In GB
	User Name
Version	
Windows Directory	
<b>Optical Device</b>	Asset Tag
	Description
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial Number
Status	
<b>PCIe SSD Extender</b>	Name
	State

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>Peak Statistics</b>	Measurement Start Time
	Peak Time
	Reading
	Statistics
<b>Port</b>	Base IO Addr
	Connector Type
	External Name
	IRQ Lvl
	Maximum Speed
	Port Type
<b>Portal Data</b>	Initiator Name
	Symbolic Name
<b>Power Budget</b>	Enable Power Cap
	Power Cap
<b>Power Head Room</b>	System Instantaneous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold
	health Status
<b>Power Profile</b>	Active Power Controller
	Custom
	Max Performance
	OS Control
<b>Power Supply</b>	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Type
	Health Status
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Measurement Finish Time
	Measurement Start Time
	Reading
	Statistics
<b>Problem Device</b>	Device
	Error Code
	PNP Device ID
<b>Process</b>	CPU Time
	GDI Objects
	Handles
	ID
	IO Other
	IO Reads
	IO writes
	Mem Usage In KB
	NP Pool In KB
	Name
	Other Bytes
	Page Faults
	Paged Pool In KB
	Path
	Priority
	Read Bytes
	Started
	Threads
	User Objects
	VM Size In KB
Write Bytes	
<b>Processes Memory Detail</b>	Available Physical In KB
	Limit Commit In KB
	Non Paged In KB
	Paged In KB
	Peak Commit In KB
	System Cache In KB

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Total Commit Charge In KB
	Total Kernel In KB
	Total Physical In KB
<b>Processor</b>	CPU Voltage
	Connector Name
	Core Count
	Current Speed
	External Clock Speed
	Family
	Manufacturer
	Maximum Speed
	Occupied
	Processor Brand
	State
	Status
	Version
	Health Status
<b>Processor Setting</b>	Description
	Value
<b>Registry</b>	Attribute Name
	Attribute Type
	Attribute Value
	Key
<b>Remote Access Device</b>	Device Type
	Enable IPMI Over LAN
	Enable VLAN ID
	IPMI Version
	IPv4 Address
	IPv4 Address Source
	IPv4 Gateway
	IPv4 Subnet
	MAC Address
	Number Of Current Active Sessions
	Number Of Possible Active Sessions
	Priority
	SOL Enabled
	System GUID

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	VLAN ID
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State
	Status
	Storage Size
	Type
	Health Status
<b>Resource</b>	Resource
<b>SATA Controller</b>	Asset Tag
	Description
	Device Descriptor
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial No
	Status
	Health Status
<b>SATA Disks</b>	Capacity
	Class
	Description
	Device Location
	Failure Predicted
	Name
	Parent Location
	Resource Tag
	Revision
	State
	Status
	Health Status
<b>SATA Setting</b>	Description
	Value
<b>SCSI Channel</b>	Connector Type

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Name
	State
	Status
	Health Status
<b>SCSI Controller</b>	ID
	Name
	Number Of Connectors
	Slot ID
	State
	Status
<b>Serial Communication</b>	Attribute
	Description
	Settings
	Value
<b>Serial Over LAN Configuration</b>	Baud Rate
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Retry Count
<b>Serial Port Configuration</b>	Retry Interval
	Baud Rate
	Channel Number
	Channel Privilege Level Limit
	Connection Mode Settings
	Delete Control
	Echo Control
	Flow Control
	Handshaking Control
	Input New Line Sequence
	Line Editing
New Line Sequence	
<b>Server</b>	Model
	OS Name
	Service Tag
<b>Service</b>	Display Name

**Table 1. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Error Control
	Service Name
	Service Path
	Service Type
	Start Mode
	Start Name
	State
<b>Session Connection Data</b>	CID
	Connection Id
	Initiator Portal
	Target Portal
<b>Session Device Data</b>	Device Description
	Device Instance
	Device Interface Name
	Device Number
	Device Type
	Device Target Name
	Friendly Name
	Initiator Name
	Legacy Device Name
	Location
	Partition Number
	Reported Mappings
	Storage Device Type
<b>Slot</b>	Adapter Data Bus Width
	Adapter Description
	Adapter Manufacturer
	Card Bus
	Category
	Hot Plug Capable
	ID
	Modem Ring Resume
	PC Card-16
	Power Management Enable PME Signal
	Shared Slot
	Slot ID
	Slot Length

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Speed
	Type
	Voltage Supply
	Zoom Video
<b>Slot Disablement</b>	Description
	Value
<b>Slot Tree</b>	Bus
	Device
	Device Identifier
	Device Name
	Function
<b>Slot Tree Child</b>	Bus
	Device
	Device Identifier
	Device Name
	Function
<b>Slots Dependency</b>	Primary Key
	Slot Index
<b>Software</b>	Software
<b>Startup</b>	Command
	Location
	Program
	User Name
<b>Storage Disk</b>	Bytes Per Sector
	Index
	Manufacturer
	Media Loaded
	Media Type
	Partitions
	Provider Name Model
	SCSI Bus
	SCSI Logical Unit
	SCSI Port
	SCSI Target ID
	Sectors Per Track
	Size In GB
Total Cylinders	

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Total Sectors
	Total Tracks
	Tracks Per Cylinder
<b>Storage Drive</b>	Compressed
	Description
	File System
	Free Space
	Name
	Size
	Volume Name
	Volume Serial Number
<b>Storage Partition</b>	Bootable Partition
	Partition
	Partition Disk Index
	Partition Size In MB
	Partition Start
	Partition Type
<b>Support 64 bit</b>	Capable
	Enabled
	Technology
<b>System Information</b>	Description
	Value
<b>System Log</b>	Date Time
	Event ID
	Message
	Source
	Status
	Type
	Health Status
<b>System Profile Setting</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>System Up time</b>	Current System Up time
	Total Availability Percentage
	Total Blue Screens
	Total Down Time

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Total Reboots
	Total Up time
<b>System Up time Entry</b>	Comment
	Event
	Time
<b>Tape Drive</b>	Asset Tag
	Description
	Device Descriptor
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial No
	Status
	Health Status
<b>Tape Drive Characteristics</b>	Name
	Value
<b>Temperature</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>Turbo Mode</b>	Capable
	Enabled
	Technology
<b>UEFI Boot Setting</b>	Description
	Value
<b>USB</b>	Name
	Pnp Device ID
<b>User</b>	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Serial Port User Privilege
	State
	User ID
	User Name
<b>Userprofile_Dependency</b>	User Name
	Value
<b>Validate Processor</b>	Connector Name
	Ext Name
	Occupied
	Status
<b>Validate_OMSA_Collection</b>	OMSA State
<b>Validation</b>	Model
<b>Variable</b>	Full Name
	System Variable
	User Name
	Variable Value
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted
	Hot Spare Policy Violated
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
	Write Policy
Health Status	
<b>Virtual Disks Info</b>	Controller ID
	Virtual Disk ID
<b>Virtualization</b>	Capable

**Table 1. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Enabled
	Technology
<b>Voltage</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>iSCSI Session Data</b>	IS ID
	Initiator Node Name
	Number Connections
	Session ID
	TS ID
	Target Name
	Target Node Name
<b>iSCSI DATA</b>	Initiator Version
	Total Portals

# Items reported from servers running Linux - Tech Support

Table 2. Attributes for Server running Linux

Category	Attribute Name
Additional Information	Name
	Version
Amperage	Location
	Reading
Array Disk	Available RAID Disk Space
	Bus Protocol
	Capable Speed
	Capacity
	Certified
	Connector
	Device Name
	Device Protocol
	Driver Version
	Encrypted
	Encryption Capable
	Failure Predicted
	Hot Spare
	Manufacture Day
	Manufacture Week
	Manufacture Year
	Media Type
	Mirror Set ID
	Model Number
	Name
	Negotiated Speed
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Part Number
	Power Status
	Product ID

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Progress
	Remaining Rated Write Endurance
	Revision
	SAS Address
	Sector Size
	Serial No
	State
	Status
	T10 PI Capable
	Used RAID Disk Space
	Vendor
	Health Status
	<b>Auto Recovery</b>
System Reset Timer	
<b>BIOS</b>	Manufacturer
	Release Date
	Version
<b>BIOS Boot Setting</b>	Description
	Value
<b>Battery</b>	Probe Name
	Reading
	Status
	Health Status
<b>Boot GRUB List</b>	Date Of Modification
	Inode
	No Of Links
	Owner Name
	Owner group
	Permissions
	Process
	Size
<b>Boot List</b>	File Date
	Inode
	Number
	Owner
	Process
	Rights

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	Size
	User
<b>Boot Menu List</b>	NAME
	VALUE
<b>Boot Setting</b>	Description
	Value
<b>Boot Settings</b>	Description
	Value
<b>CPU Detail</b>	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Level
	Cache1 Location
	Cache1 Size
	Cache1 Status
	Cache1 Type
	Cache1 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Level
	Cache2 Location
	Cache2 Max Size
	Cache2 Size
	Cache2 Status
	Cache2 Type
	Cache2 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Level
	Cache3 Location
	Cache3 Max Size
	Cache3 Size
Cache3 Status	
Cache3 Type	
Cache3 Write Policy	
<b>Channel</b>	Connector Type
	Device Location
	Manufacturer

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Name
	Parent Location
	Status
	Health Status
<b>Check iDRAC Response</b>	Model
<b>Component</b>	Component
<b>Component Detail</b>	Component ID
	Component Type
	Description
	Hardware Device ID
	Hardware Sub Device ID
	Hardware Sub Vendor ID
	Hardware Vendor ID
	Software Version
<b>Connector</b>	Connector Type
	Name
	State
	Status
	Health Status
<b>Controller</b>	Abort Check Consistency On Error
	Alarm State
	Allow Revertible Hot Spare And Replace Member
	Auto Replace Member On Predictive Failure
	Automatic Disk Power Saving Idle C
	BGI Rate
	Cache Cade Capable
	Cache Memory Size
	Check Consistency Rate
	Driver Version
	Encryption Capable
	Encryption Key Present
	Encryption Mode
	Firmware Version
	ID
	Load Balance
	Name
	Number Of Connectors

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Number Of Extenders
	Patrol Read Iterations
	Patrol Read Mode
	Patrol Read Rate
	Patrol Read State
	Persistent Hot Spare
	Rebuild Rate
	Reconstruct Rate
	Slot ID
	Spin Down Configured Drives
	Spin Down Hot Spares
	Spin Down Unconfigured Drives
	State
	Status
	Storport Driver Version
	T10 Protection Information Capable
	Time Interval For Spin Down In Minutes
	Health Status
<b>Controller Battery</b>	Learn Mode
	Learn State
	Max Recharge Count
	Maximum Learn Delay
	Name
	Next Learn Time
	Predicted Capacity Status
	Recharge Count
	Slot Number
	State
	Status
Health Status	
<b>Controller Dependency</b>	Cntrl Id
<b>Custom Attribute</b>	CPU Power And Performance Management
	Fan Power And Performance Management
	Memory Power And Performance Management
<b>DRAC Information</b>	Description
	IP Address
	IP Gateway

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	IP Subnet
	Product
	Version
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching</b>	Capable
	Enabled
	Technology
<b>Device Map List</b>	NAME
	VALUE
<b>Disk Usage</b>	Available
	File system
	Mounted On
	Size
	Use
	Used
<b>Display</b>	NAME
	VALUE
<b>Display Screen</b>	Display Screen
<b>Display Sub Section</b>	NAME
	VALUE
<b>Driver Modprobe Cfg</b>	Command
	Module Name
	Options
<b>Drivers</b>	Drivers
<b>Drivers Lib Module</b>	Module Path
	Name
<b>Drivers Loaded Module</b>	Dependant Modules
	Internal Name
	Module Size
	Status
	Use Count
<b>Enclosure</b>	Asset Name
	Asset Tag
	Configuration
	Connector
	Enclosure Alarm

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	Express Service Code
	Firmware Version
	ID
	Name
	PCIe SSD Extender
	SAS Address
	Service Tag
	Split Bus Part Number
	State
	Status
	Target ID
	Health Status
<b>Enclosure EMM</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Fan</b>	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	State
	Status
	Health Status
<b>Environment</b>	Environment
<b>Environment Variable</b>	Variable
	Variable Value
<b>External Enclosure</b>	Controller ID
	Enclosure ID
<b>FC Controller</b>	Driver Version
	Firmware Version
	Host WWN
	Model
	Name
	Serial Number
	Type
	Vendor Code
	Vendor Name
<b>FC HBA Port</b>	Port FC ID
	Port Number
	Port OS Name
	Port Speed
	Port State
	Port Supported Speed
	Port Type
	Port WWN
<b>FRU</b>	Device
	Manufacture Date
	Manufacturer
	Part No
	Revision
	Serial No
<b>Fan</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>Fan Redundancy</b>	Redundancy Status
<b>Firmware</b>	Name
	Version
<b>Front Panel</b>	NMI Button
	Power Button
<b>General</b>	Attribute
	Settings
<b>Hardware Log</b>	Date And Time
	Description
	Raw SEL Data
	Severity
	Health Status
<b>Hardware Performance</b>	Cause
	Probe Name
	Status
<b>Hyper Threading</b>	Capable
	Enabled
	Technology
<b>IO Range</b>	Address Range
	Device
<b>IPv4 Address</b>	Description
	Subnet Mask
<b>IPv6 Address</b>	Description
	IPv6 Address Name
	Prefix Length
<b>IRQ</b>	Device
	IRQ Number
	Interrupts Per CPU
	Type
<b>Integrated Device</b>	Description
	Value
<b>Interface Member</b>	Physical Interface
	Team Interface
<b>Intrusion</b>	Probe Name
	State

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>LCD Line Information</b>	Name
	Value
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout Value
	Host Name
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Location
	System Revision
System Revision Name	
<b>Mem List</b>	Mem Id
<b>Memory</b>	Device Name
	Failures
	Rank
	Size
	Speed
	Status
	Type
	Type Detail
	Health Status
<b>Memory Array</b>	ECC Type
	Installed Capacity
	Location
	Maximum Capacity
	Slots Available
	Slots Used
	Total Installed Capacity

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Use
<b>Memory Operating Mode</b>	Fail Over State
	Memory Operating Mode Configuration
	Redundancy Status
<b>Memory Redundancy</b>	Fail Over State
	Redundancy Configuration
	Redundancy Status
<b>Memory Setting</b>	Description
	Value
<b>Memory Usage</b>	Buffers
	Cached
	Mem Available
	Mem Free
	Mem Shared
	Mem Total
	Swap Cached
	Swap Free
	Swap Total
<b>Miscellaneous Setting</b>	Description
	Value
<b>Modular Enclosure Information</b>	Chassis Service Tag
	Description
	Express Service Code
	IP Address
	IP Address Source
	IP Address Type
	Model
	Product
	Version
<b>NIC Configuration</b>	Channel Number
	Fail Over Network
	NIC Selection
	Primary Network
<b>Network</b>	Administrative Status
	Base IO Address

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	Base Memory Address
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	DMA
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	IRQ
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	NparEP Enabled
	Operational Status
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Slot Name
	Speed

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	TOE Capable
	TOE Enabled
	Team Name
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Carrier Sense Errors
	Transmitted Collisions
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>Network Adapter</b>	Adapter Name
	Broadcast
	Carrier
	Collisions
	Default Gateway
	IPv4 Address
	IPv6 Address
	Interrupt
	MAC Address
	MTU
	Memory
	Metric
	RX Dropped
	RX Errors

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	RX Frame
	RX Overruns
	RX Packets
	RX bytes
	Scope
	Status Characteristics
	Subnet Mask
	TX Dropped
	TX Errors
	TX Overruns
	TX Packets
	TX bytes
	Tx Queue Len
	<b>Network DNS Config</b>
Value	
<b>Network Host</b>	Name
	Value
<b>Network List</b>	Dev Nic Id
<b>Network Team Interface</b>	Administrative Status
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	IPv4 Address
	IPv6 Address
	IPv6 Address Name
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
Operational Status	

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	Prefix Length
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Redundancy Status
	Slot Name
	Speed
	Subnet Mask
	Team Interface Transmitted Carrier Sense Errors
	Team Interface Transmitted Collisions
	Team Name
	Team Type
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>Network Team List</b>	Vir Nic Id
<b>No Execute</b>	Capable
	Enabled
	Technology
<b>One Time Boot</b>	Description
	Value
<b>OpenManage</b>	Item
	Version
<b>Operating System</b>	Install Date
	OS Name
	System Name
	Version
<b>Optical Device</b>	Asset Tag
	Description
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial Number
Status	
<b>PCIe SSD Extender</b>	Name
	State
	Status
	Health Status
<b>Peak Statistics</b>	Measurement Start Time
	Peak Time
	Reading
	Statistics
<b>Port</b>	Base IO Addr
	Connector Type
	External Name

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	IRQ Lvl
	Maximum Speed
	Port Type
<b>Portal Data</b>	Initiator Version
	Portal Address
	Portal Port Num
<b>Power Budget</b>	Enable Power Cap
	Power Cap
<b>Power Head Room</b>	System Instaneous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold
	Health Status
<b>Power Profile</b>	Active Power Controller
	Custom
	Max Performance
	OS Control
<b>Power Supply</b>	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status
	Type
	Health Status
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Measurement Finish Time
	Measurement Start Time
	Reading
	Statistics
<b>Process</b>	COMMAND

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	CPU
	MEM
	PID
	RSS
	START
	STAT
	TIME
	TTY
	USER
	VSZ
<b>Processor</b>	CPU Voltage
	Connector Name
	Core Count
	Current Speed
	External Clock Speed
	Family
	Manufacturer
	Maximum Speed
	Occupied
	Processor Brand
	State
	Status
	Version
Health Status	
<b>Processor Setting</b>	Description
	Value
<b>Proc scsi</b>	ANS ISCSI Revision
	Channel
	Host
	Id
	Lun
	Model
	Rev
	Type
	Vendor
<b>Remote Access Device</b>	Device Type
	Enable IPMI Over LAN

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	Enable VLAN ID
	IPMI Version
	IPv4 Address
	IPv4 Address Source
	IPv4 Gateway
	IPv4 Subnet
	MAC Address
	Number Of Current Active Sessions
	Number Of Possible Active Sessions
	Priority
	SOL Enabled
	System GUID
	VLAN ID
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State
	Status
	Storage Size
	Type
	Health Status
<b>Resource</b>	Resource
<b>SATA Controller</b>	Asset Tag
	Description
	Device Descriptor
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial No
	Status
	Health Status
<b>SATA Disks</b>	Capacity
	Class
	Description

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Device Location
	Failure_Predicted
	Name
	Parent Location
	Resource Tag
	Revision
	State
	Status
	Health Status
<b>SATA Setting</b>	Description
	Value
<b>SCSI Channel</b>	Connector Type
	Name
	State
	Status
	Health Status
<b>SCSI Controller</b>	ID
	Name
	Number Of Connectors
	Slot ID
	State
	Status
	Health Status
<b>Screen Attribute</b>	NAME
	VALUE
<b>Serial Communication</b>	Attribute
	Description
	Settings
	Value
<b>Serial Over LAN Configuration</b>	Baud Rate
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Retry Count
	Retry Interval
<b>Serial Port Configuration</b>	Baud Rate

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Channel Number
	Channel Privilege Level Limit
	Connection Mode Settings
	Delete Control
	Echo Control
	Flow Control
	Handshaking Control
	Input New Line Sequence
	Line Editing
	New Line Sequence
<b>Server</b>	Model
	OS Name
	Service Tag
<b>Service</b>	State
<b>Session Connection Data</b>	Target Portal
<b>Session Device Data</b>	Device Number
	Device Type
	Reported Mappings
	Storage Device Type
	Target Name
<b>Slot</b>	Adapter Data Bus Width
	Adapter Description
	Adapter Manufacturer
	Card Bus
	Category
	Hot Plug Capable
	ID
	Modem Ring Resume
	PC Card-16
	Power Management Enable PME Signal
	Shared Slot
	Slot ID
	Slot Length
	Speed
	Type
	Voltage Supply
	Zoom Video

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Slot Disablement</b>	Description
	Value
<b>Slots Dependency</b>	Primary Key
	Slot Index
<b>Software Network</b>	Software Network
<b>Software Storage</b>	Software Storage
<b>Startup</b>	Startup
<b>Support 64 bit</b>	Capable
	Enabled
	Technology
<b>System Information</b>	Description
	Value
<b>System Profile Setting</b>	Description
	Value
<b>System Profile Settings</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>Tape Drive</b>	Asset Tag
	Description
	Device Descriptor
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial No
	Status
	Health Status
<b>Tape Drive Characteristics</b>	Name
	Value
<b>Temperature</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Reading
	Status
	Health Status
<b>Turbo Mode</b>	Capable
	Enabled
	Technology
<b>UEFI Boot Setting</b>	Description
	Value
<b>USB</b>	Bus
	Device
	Device Class
	Device Protocol
	Device Sub Class
	ID
	Manufacturer
	Product
	Serial
	Version
<b>USB Controller Info</b>	Serial Number
	USB Controller Info
<b>USB Device</b>	Alternate Setting Number
	Attributes
	Bus Number
	Count Of Devices
	Device Class
	Device Number
	Device Protocol
	Device Speed
	Device Sub Class
	Driver Name
	End Point Address
	End Point Max Packet Size
	Interface Class
	Interface Number
	Interface Protocol
	Interface Sub Class
Interval Between Transfers	

**Table 2. Attributes for Server running Linux (continued)**

Category	Attribute Name
	Level
	Manufacturer
	Max Children
	Max Packet Size Of Default Endpoint
	Number Configurations
	Number Of End Points
	Number Of ISO Chronous Requests
	Number Of Interrupt Requests
	Parent Device Number
	Port
	Product Description
	Product ID Code
	Product Revision Number
	Serial Number
	Total Bandwidth
	Vendor ID Code
	Version
<b>USB Root Hub</b>	Bus
	Device
	Device Class
	Device Protocol
	Device Sub Class
	ID
	Manufacturer
	Product
	Serial
	Version
<b>USB Storage</b>	NAME
	VALUE
<b>User</b>	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	State
	User ID
	User Name
<b>Validate Processor</b>	Ext Name

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Is Occupied
	Occupied
<b>Validation</b>	Model
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted
	Hot Spare Policy Violated
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
	Write Policy
	Health Status
<b>Virtual Disks Info</b>	Controller ID
	Virtual Disk ID
<b>Virtualization</b>	Capable
	Enabled
	Technology
<b>Voltage</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>iSCSI Session Data</b>	Iface Name
	Initiator IP address
	Initiator Node Name

**Table 2. Attributes for Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Session ID
	Target Name
	iSCSI Connection State
	iSCSI Session State
<b>iSCSI DATA</b>	iSCSI DATA

# Items reported from servers running ESX - Tech Support

**Table 3. Attributes for Server running ESX**

Category	Attribute Name
Additional Information	Name
	Version
Amperage	Location
	Reading
Array Disk	Available RAID Disk Space
	Bus Protocol
	Capable Speed
	Capacity
	Certified
	Connector
	Device Name
	Device Protocol
	Driver Version
	Encrypted
	Encryption Capable
	Failure Predicted
	Hot Spare
	Manufacture Day
	Manufacture Week
	Manufacture Year
	Media Type
	Mirror Set ID
	Model Number
	Name
	Negotiated Speed
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Part Number
	Power Status
	Product ID

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Progress
	Remaining Rated Write Endurance
	Revision
	SAS Address
	Sector Size
	Serial No
	State
	Status
	T10 PI Capable
	Used RAID Disk Space
	Vendor
	Health Status
	<b>Auto Recovery</b>
System Reset Timer	
<b>BIOS</b>	Manufacturer
	Release Date
	Version
<b>BIOS Boot Setting</b>	Description
	Value
<b>Battery</b>	Probe Name
	Reading
	Status
	Health Status
<b>Boot GRUB List</b>	Date Of Modification
	Inode
	No Of Links
	Owner Name
	Owner group
	Permissions
	Process
	Size
<b>Boot List</b>	File Date
	Inode
	Number
	Owner
	Process
	Rights

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Size
	User
<b>Boot Menu List</b>	NAME
	VALUE
<b>Boot Setting</b>	Description
	Value
<b>CPU Detail</b>	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Level
	Cache1 Location
	Cache1 Size
	Cache1 Status
	Cache1 Type
	Cache1 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Level
	Cache2 Location
	Cache2 Max Size
	Cache2 Size
	Cache2 Status
	Cache2 Type
	Cache2 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Level
	Cache3 Location
	Cache3 Max Size
	Cache3 Size
Cache3 Status	
Cache3 Type	
Cache3 Write Policy	
<b>Channel</b>	Connector Type
	Device Location
	Manufacturer
	Name
	Parent Location

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
	Model
	Status
	Health Status
<b>Component</b>	Component
<b>Component Detail</b>	Component ID
	Component Type
	Description
	Hardware Device ID
	Hardware Sub Device ID
	Hardware Sub Vendor ID
	Hardware Vendor ID
	Software Version
<b>Connector</b>	Connector Type
	Name
	State
	Status
	Health Status
<b>Controller</b>	Abort Check Consistency On Error
	Alarm State
	Allow Revertible Hot Spare And Replace Member
	Auto Replace Member On Predictive Failure
	Automatic Disk Power Saving Idle C
	BGI Rate
	Cache Cade Capable
	Cache Memory Size
	Check Consistency Rate
	Driver Version
	Encryption Capable
	Encryption Key Present
	Encryption Mode
	Firmware Version
	ID
	Load Balance
	Name
	Number Of Connectors

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Number Of Extenders
	Patrol Read Iterations
	Patrol Read Mode
	Patrol Read Rate
	Patrol Read State
	Persistent Hot Spare
	Rebuild Rate
	Reconstruct Rate
	Slot ID
	Spin Down Configured Drives
	Spin Down Hot Spares
	Spin Down Unconfigured Drives
	State
	Status
	Storport Driver Version
	T10 Protection Information Capable
	Time Interval For Spin Down In Minutes
	Health Status
<b>Controller Battery</b>	Learn Mode
	Learn State
	Max Recharge Count
	Maximum Learn Delay
	Name
	Next Learn Time
	Predicted Capacity Status
	Recharge Count
	Slot Number
	State
	Status
Health Status	
<b>Controller Dependency</b>	Cntrl Id
<b>Custom Attribute</b>	CPU Power And Performance Management
	Fan Power And Performance Management
	Memory Power And Performance Management
<b>DRAC Information</b>	Description
	IP Address
	IP Gateway

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	IP Subnet
	Product
	Version
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching</b>	Capable
	Enabled
	Technology
<b>Device Map List</b>	NAME
	VALUE
<b>Disk Usage</b>	Available
	File system
	Mounted On
	Size
	Use
	Used
<b>Display</b>	NAME
	VALUE
<b>Display Screen</b>	Display Screen
<b>Display Sub Section</b>	NAME
	VALUE
<b>Driver Modprobe Cfg</b>	Command
	Module Name
	Options
<b>Drivers</b>	Drivers
<b>Drivers Lib Module</b>	Module Path
	Name
<b>Drivers Loaded Module</b>	Dependant Modules
	Internal Name
	Module Size
	Status
	Use Count
<b>Enclosure</b>	Asset Name
	Asset Tag
	Configuration
	Connector
	Enclosure Alarm

**Table 3. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Express Service Code
	Firmware Version
	ID
	Name
	PCIe SSD Extender
	SAS Address
	Service Tag
	Split Bus Part Number
	State
	Status
	Target ID
	Health Status
<b>Enclosure EMM</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Fan</b>	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	State
	Status
	Health Status
<b>Environment</b>	Environment
<b>Environment Variable</b>	Variable
	Variable Value
<b>External Enclosure</b>	Controller ID
	Enclosure ID
<b>FC Controller</b>	Driver Version
	Firmware Version
	Host WWN
	Model
	Name
	Serial Number
	Type
	Vendor Code
	Vendor Name
<b>FC HBA Port</b>	Port FC ID
	Port Number
	Port OS Name
	Port Speed
	Port State
	Port Supported Speed
	Port Type
	Port WWN
<b>FRU</b>	Device
	Manufacture Date
	Manufacturer
	Part No
	Revision
	Serial No
<b>Fan</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>Fan Redundancy</b>	Redundancy Status
<b>Firmware</b>	Name
	Version
<b>Front Panel</b>	NMI Button
	Power Button
<b>General</b>	Attribute
	Settings
<b>Hardware Log</b>	Date And Time
	Description
	Raw SEL Data
	Severity
	Health Status
<b>Hardware Performance</b>	Cause
	Probe Name
	Status
<b>Hyper Threading</b>	Capable
	Enabled
	Technology
<b>IO Range</b>	Address Range
	Device
<b>IPv4 Address</b>	Description
	Subnet Mask
<b>IPv6 Address</b>	Description
	IPv6 Address Name
	Prefix Length
<b>IPv6 Detail</b>	Alternate DNS Server
	DNS Address Source
	Default Gateway
	IP Address Source
	IPv6 Address1
	IPv6 Address2
	Link Local Address
	Preferred DNS Server
<b>IRQ</b>	Device
	IRQ Number

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Interrupts Per CPU
	Type
<b>Installed Application</b>	Install Date
	Name
	Publisher
	Size
	Summary
	URL Info About
<b>Integrated Device</b>	Description
	Value
<b>Interface Member</b>	Physical Interface
	Team Interface
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>LCD Information</b>	Enable Remote Indication
	Front Panel LCD Security Access
<b>LCD Line Information</b>	Name
	Value
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout Value
	Host Name
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Location
	System Revision
System Revision Name	
<b>Mem List</b>	Mem Id

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Memory</b>	Device Name
	Failures
	Rank
	Size
	Speed
	Status
	Type
	Type Detail
	Health Status
<b>Memory Array</b>	ECC Type
	Installed Capacity
	Location
	Maximum Capacity
	Slots Available
	Slots Used
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Use
<b>Memory Operating Mode</b>	Fail Over State
	Memory Operating Mode Configuration
	Redundancy Status
<b>Memory Redundancy</b>	Fail Over State
	Redundancy Configuration
	Redundancy Status
<b>Memory Setting</b>	Description
	Value
<b>Memory Usage</b>	Buffers
	Cached
	Mem Available
	Mem Free
	Mem Shared
	Mem Total
	Swap Cached
	Swap Free
	Swap Total
<b>Miscellaneous Setting</b>	Description

**Table 3. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Value
<b>Modular Enclosure Information</b>	Chassis Service Tag
	Description
	Express Service Code
	IP Address
	IP Address Source
	IP Address Type
	Model
	Product
	Version
<b>NIC Configuration</b>	Channel Number
	Fail Over Network
	NIC Selection
	Primary Network
<b>Network</b>	Administrative Status
	Base IO Address
	Base Memory Address
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	DMA
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	IRQ
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	NparEP Enabled
	Operational Status

**Table 3. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Slot Name
	Speed
	TOE Capable
	TOE Enabled
	Team Name
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Carrier Sense Errors
	Transmitted Collisions
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Type
	Vendor
<b>Network Adapter</b>	Adapter Name
	Broadcast
	Carrier
	Collisions
	Default Gateway
	IPv4 Address
	IPv6 Address
	Interrupt
	MAC Address
	MTU
	Memory
	Metric
	RX Dropped
	RX Errors
	RX Frame
	RX Overruns
	RX Packets
	RX bytes
	Scope
	Status Characteristics
	Subnet Mask
	TX Dropped
	TX Errors
	TX Overruns
	TX Packets
TX bytes	
Tx Queue Len	
<b>Network DNS Config</b>	Name
	Value
<b>Network Host</b>	Name
	Value
<b>Network List</b>	Dev Nic Id
<b>Network Team Interface</b>	Administrative Status
	Connection Status
	Current MAC Address

**Table 3. Attributes for Server running ESX (continued)**

Category	Attribute Name
	DHCP Server
	DHCP v6 Server
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	IPv4 Address
	IPv6 Address
	IPv6 Address Name
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	Operational Status
	Prefix Length
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Redundancy Status
	Slot Name
	Speed
	Subnet Mask
	Team Interface Transmitted Carrier Sense Errors
	Team Interface Transmitted Collisions

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Team Name
	Team Type
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>Network Team List</b>	Vir Nic Id
<b>No Execute</b>	Capable
	Enabled
	Technology
<b>One Time Boot</b>	Description
	Value
<b>OpenManage</b>	Item
	Version
<b>Operating System</b>	Install Date
	OS Name
	System Name
	Version
<b>Optical Device</b>	Asset Tag
	Description
	Device Location
	Firmware Version
	Manufacturer

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Model Number
	Name
	Parent Location
	Serial Number
	Status
<b>PCIe SSD Extender</b>	Name
	State
	Status
	Health Status
<b>Peak Statistics</b>	Measurement Start Time
	Peak Time
	Reading
	Statistics
<b>Port</b>	Base IO Addr
	Connector Type
	External Name
	IRQ Lvl
	Maximum Speed
	Port Type
<b>Portal Data</b>	Initiator Version
	Portal Address
	Portal Port Num
<b>Power Budget</b>	Enable Power Cap
	Power Cap
<b>Power Head Room</b>	System Instatenous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold
	Health Status
<b>Power Profile</b>	Active Power Controller
	Custom
	Max Performance

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	OS Control
<b>Power Supply</b>	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status
	Type
	Health Status
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Measurement Finish Time
	Measurement Start Time
	Reading
	Statistics
<b>Process</b>	COMMAND
	CPU
	MEM
	PID
	RSS
	START
	STAT
	TIME
	TTY
	USER
	VSZ
<b>Processor</b>	CPU Voltage
	Connector Name
	Core Count
	Current Speed
	External Clock Speed
	Family
	Manufacturer
	Maximum Speed
	Occupied
	Processor Brand
	State

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Version
	Health Status
<b>Processor Setting</b>	Description
	Value
<b>Proc scsi</b>	ANS ISCSI Revision
	Channel
	Host
	Id
	Lun
	Model
	Rev
	Type
	Vendor
<b>Remote Access Device</b>	Device Type
	Enable IPMI Over LAN
	Enable VLAN ID
	IPMI Version
	IPv4 Address
	IPv4 Address Source
	IPv4 Gateway
	IPv4 Subnet
	MAC Address
	Number Of Current Active Sessions
	Number Of Possible Active Sessions
	Priority
	SOL Enabled
	System GUID
	VLAN ID
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State
	Status
	Storage Size
	Type
	Health Status

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Resource</b>	Resource
<b>SATA Controller</b>	Asset Tag
	Description
	Device Descriptor
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial No
	Status
Health Status	
<b>SATA Disks</b>	Capacity
	Class
	Description
	Device Location
	Failure_Predicted
	Name
	Parent Location
	Resource Tag
	Revision
	State
	Status
Health Status	
<b>SATA Setting</b>	Description
	Value
<b>SCSI Channel</b>	Connector Type
	Name
	State
	Status
	Health Status
<b>SCSI Controller</b>	ID
	Name
	Number Of Connectors
	Slot ID
	State

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>Screen Attribute</b>	NAME
	VALUE
<b>Serial Communication</b>	Attribute
	Description
	Settings
	Value
<b>Serial Over LAN Configuration</b>	Baud Rate
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Retry Count
	Retry Interval
<b>Server</b>	Model
	OS Name
	Service Tag
<b>Service</b>	State
<b>Session Connection Data</b>	Target Portal
<b>Session Device Data</b>	Device Number
	Device Type
	Reported Mappings
	Storage Device Type
	Target Name
<b>Slot</b>	Adapter Data Bus Width
	Adapter Description
	Adapter Manufacturer
	Card Bus
	Category
	Hot Plug Capable
	ID
	Modem Ring Resume
	PC Card-16
	Power Management Enable PME Signal
	Shared Slot
	Slot ID

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Slot Length
	Speed
	Type
	Voltage Supply
	Zoom Video
<b>Slot Disablement</b>	Description
	Value
<b>Slots Dependency</b>	Primary Key
	Slot Index
<b>Software Network</b>	Software Network
<b>Software Storage</b>	Software Storage
<b>Startup</b>	Startup
<b>Support 64 bit</b>	Capable
	Enabled
	Technology
<b>System Information</b>	Description
	Value
<b>System Profile Setting</b>	Description
	Value
<b>System Profile Settings</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>Tape Drive</b>	Asset Tag
	Description
	Device Descriptor
	Device Location
	Firmware Version
	Manufacturer
	Model Number
	Name
	Parent Location
	Serial No
	Status
	Health Status
<b>Tape Drive Characteristics</b>	Name
	Value

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Temperature</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>Turbo Mode</b>	Capable
	Enabled
	Technology
<b>UEFI Boot Setting</b>	Description
	Value
<b>USB</b>	Bus
	Device
	Device Class
	Device Protocol
	Device Sub Class
	ID
	Manufacturer
	Product
	Serial
	Version
<b>USB Controller Info</b>	Serial Number
	USB Controller Info
<b>USB Device</b>	Alternate Setting Number
	Attributes
	Bus Number
	Count Of Devices
	Device Class
	Device Number
	Device Protocol
	Device Speed
	Device Sub Class
	Driver Name
	End Point Address
	End Point Max Packet Size

**Table 3. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Interface Class
	Interface Number
	Interface Protocol
	Interface Sub Class
	Interval Between Transfers
	Level
	Manufacturer
	Max Children
	Max Packet Size Of Default Endpoint
	Number Configurations
	Number Of End Points
	Number Of ISO Chronous Requests
	Number Of Interrupt Requests
	Parent Device Number
	Port
	Product Description
	Product ID Code
	Product Revision Number
	Serial Number
	Total Bandwidth
	Vendor ID Code
	Version
<b>USB Root Hub</b>	Bus
	Device
	Device Class
	Device Protocol
	Device Sub Class
	ID
	Manufacturer
	Product
	Serial
	Version
<b>USB Storage</b>	NAME
	VALUE
<b>User</b>	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Serial Port User Privilege
	State
	User ID
	User Name
<b>Validate Processor</b>	Ext Name
	Is Occupied
	Occupied
<b>Validation</b>	Model
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted
	Hot Spare Policy Violated
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
	Write Policy
	Health Status
<b>Virtual Disks Info</b>	Controller ID
	Virtual Disk ID
<b>Virtualization</b>	Capable
	Enabled
	Technology
<b>Voltage</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading

**Table 3. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>iSCSI Session Data</b>	Iface Name
	Initiator IP address
	Initiator Node Name
	Session ID
	Target Name
	iSCSI Connection State
	iSCSI Session State
<b>iSCSI DATA</b>	iSCSI DATA

# Items reported from servers running ESXi - Tech Support

**Table 4. Attributes for Server running ESXi**

Category	Attribute Name
Additional Information	Name
	Version
Amperage	Location
	Reading
Array Disk	Available RAID Disk Space
	Bus Protocol
	Capable Speed
	Capacity
	Certified
	Connector
	Device Name
	Device Protocol
	Driver Version
	Encrypted
	Encryption Capable
	Failure Predicted
	Hot Spare
	Manufacture Day
	Manufacture Week
	Manufacture Year
	Media Type
	Mirror Set ID
	Model Number
	Name
	Negotiated Speed
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Part Number
	Power Status
	Product ID

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Progress
	Remaining Rated Write Endurance
	Revision
	SAS Address
	Sector Size
	Serial No
	State
	Status
	T10 PI Capable
	Used RAID Disk Space
	Vendor
	Health Status
	<b>Auto Recovery</b>
System Reset Timer	
<b>BIOS</b>	Manufacturer
	Release Date
	Version
<b>BIOS Boot Setting</b>	Description
	Value
<b>Battery</b>	Probe Name
	Reading
	Status
	Health Status
<b>BIOS Setup</b>	Attribute
	BIOS Setup
	Settings
<b>Boot Settings</b>	Description
	Value
<b>CPU Detail</b>	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Level
	Cache1 Location
	Cache1 Size
	Cache1 Status
	Cache1 Type
	Cache1 Write Policy
	Cache2 Associativity

**Table 4. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Cache2 Error Correction Type
	Cache2 Level
	Cache2 Location
	Cache2 Max Size
	Cache2 Size
	Cache2 Status
	Cache2 Type
	Cache2 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Level
	Cache3 Location
	Cache3 Max Size
	Cache3 Size
	Cache3 Status
	Cache3 Type
	Cache3 Write Policy

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Load Balance
	Name
	Number Of Connectors
	Number Of Extenders
	Patrol Read Iterations
	Patrol Read Mode
	Patrol Read Rate
	Patrol Read State
	Persistent Hot Spare
	Rebuild Rate
	Reconstruct Rate
	Slot ID
	Spin Down Configured Drives
	Spin Down Hot Spares
	Spin Down Unconfigured Drives
	State
	Status
	Storport Driver Version
	T10 Protection Information Capable
	Time Interval For Spin Down In Minutes
Health Status	
<b>Controller Battery</b>	Learn Mode
	Learn State
	Max Recharge Count
	Maximum Learn Delay
	Name
	Next Learn Time
	Predicted Capacity Status
	Recharge Count
	Slot Number
	State
	Status
	Health Status
<b>Controller Dependency</b>	Cntrl Id
<b>Custom Attribute</b>	CPU Power And Performance Management
	Fan Power And Performance Management
	Memory Power And Performance Management

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>DRAC Information</b>	Description
	IP Address
	IP Gateway
	IP Subnet
	Product
	Version
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching</b>	Capable
	Enabled
	Technology
<b>Drivers</b>	Drivers
<b>Enclosure</b>	Asset Name
	Asset Tag
	Configuration
	Connector
	Enclosure Alarm
	Express Service Code
	Firmware Version
	ID
	Name
	PCIe SSD Extender
	SAS Address
	Service Tag
	Split Bus Part Number
	State
	Status
	Target ID
Health Status	
<b>Enclosure EMM</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Fan</b>	Name
	Part Number

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
	Health Status
<b>External Enclosure</b>	Controller ID
	Enclosure ID
<b>FRU</b>	Device
	Manufacture Date
	Manufacturer
	Part No
	Revision
	Serial No
<b>Fan</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>Fan Redundancy</b>	Redundancy Status

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Firmware</b>	Name
	Version
<b>Front Panel</b>	NMI Button
	Power Button
<b>General</b>	Attribute
	Settings
<b>Hardware Log</b>	Date And Time
	Description
	Raw SEL Data
	Severity
	Health Status
<b>Hardware Performance</b>	Cause
	Probe Name
	Status
<b>Hyper Threading</b>	Capable
	Enabled
	Technology
<b>IPv4 Address</b>	Description
	Subnet Mask
<b>IPv6 Address</b>	Description
	IPv6 Address Name
	Prefix Length
<b>IPv6 Detail</b>	Alternate DNS Server
	DNS Address Source
	Default Gateway
	IP Address Source
	IPv6 Address1
	IPv6 Address2
	Link Local Address
Preferred DNS Server	
<b>IRQ</b>	Device
	IRQ Number
	Interrupts Per CPU
	Type
<b>Installed Application</b>	Install Date
	Name
	Publisher

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Size
	Summary
	URL Info About
<b>Integrated Devices</b>	Description
	Value
<b>Internal Dual SD Module Redundancy</b>	Redundancy Status
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>LCD Information</b>	Enable Remote Indication
	Front Panel LCD Security Access
<b>LCD Line Information</b>	Name
	Value
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout Value
	Host Name
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Location
	System Revision
System Revision Name	
<b>Memory</b>	Device Name
	Failures
	Rank
	Size
	Speed
	Status
	Type

**Table 4. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Type Detail
	Health Status
<b>Memory Array</b>	ECC Type
	Installed Capacity
	Location
	Maximum Capacity
	Slots Available
	Slots Used
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Use
	<b>Memory Operating Mode</b>
Memory Operating Mode Configuration	
Redundancy Status	
<b>Memory Redundancy</b>	Fail Over State
	Redundancy Configuration
	Redundancy Status
<b>Memory Settings</b>	Description
	Value
<b>Miscellaneous Setting</b>	Description
	Value
<b>Modular Enclosure Information</b>	Chassis Service Tag
	Description
	Express Service Code
	IP Address
	IP Address Source
	IP Address Type
	Model
	Product
Version	
<b>NIC Configuration</b>	Channel Number
	Fail Over Network
	NIC Selection
	Primary Network
<b>Network</b>	Administrative Status
	Base IO Address

**Table 4. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Base Memory Address
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	DMA
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	IRQ
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	NparEP Enabled
	Operational Status
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Slot Name
	Speed

**Table 4. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	TOE Capable
	TOE Enabled
	Team Name
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Carrier Sense Errors
	Transmitted Collisions
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>Network List</b>	Dev Nic Id
<b>Network Team Interface</b>	Administrative Status
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	IPv4 Address
	IPv6 Address

**Table 4. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	IPv6 Address Name
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	Operational Status
	Prefix Length
	Received Alignment Errors
	Received Bad Frames
	Received Broadcast Packets
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Redundancy Status
	Slot Name
	Speed
	Subnet Mask
	Team Interface Transmitted Carrier Sense Errors
	Team Interface Transmitted Collisions
	Team Name
	Team Type
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>Network Team List</b>	Vir Nic Id
<b>No Execute</b>	Capable
	Enabled
	Technology
<b>Non iSCSI VM NIC</b>	Auto Negotiate
	Device Id
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	Generic Segmentation Offload
	Link
	MAC Address
	MTU
	Make
	Model
	Name
	Non iSCSI VM NIC
	PCI
	RX
	RX Check Summing
	Scatter Gather
	Speed
	Sub Device Id
Sub Vendor Id	
TCP/IP Large Receive Offload	
TCP Segmentation Offload	

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	TX
	TX Check Summing
	UDP Fragmentation Offload
	Vendor Id
<b>One Time Boot</b>	Description
	Value
<b>OpenManage</b>	Item
	Version
<b>Operating System</b>	Install Date
	OS Name
	System Name
	Version
<b>PCIe SSD Extender</b>	Name
	State
	Status
	Health Status
<b>Peak Statistics</b>	Measurement Start Time
	Peak Time
	Reading
	Statistics
<b>Port</b>	Base IO Addr
	Connector Type
	External Name
	IRQ Lvl
	Maximum Speed
	Port Type
<b>Power Budget</b>	Enable Power Cap
	Power Cap
<b>Power Head Room</b>	System Instatenous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Health Status
<b>Power Profile</b>	Active Power Controller
	Custom
	Max Performance
	OS Control
<b>Power Supply</b>	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status
	Type
	Health Status
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Measurement Finish Time
	Measurement Start Time
	Reading
	Statistics
<b>Process</b>	COMMAND
	CPU
	MEM
	PID
	RSS
	START
	STAT
	TIME
	TTY
	USER
	VSZ
<b>Processor</b>	CPU Voltage
	Connector Name
	Core Count
	Current Speed
	External Clock Speed
	Family
	Manufacturer

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Maximum Speed
	Occupied
	Processor Brand
	State
	Status
	Version
	Health Status
<b>Processor Setting</b>	Description
	Value
<b>Remote Access Device</b>	Device Type
	Enable IPMI Over LAN
	Enable VLAN ID
	IPMI Version
	IPv4 Address
	IPv4 Address Source
	IPv4 Gateway
	IPv4 Subnet
	MAC Address
	Number Of Current Active Sessions
	Number Of Possible Active Sessions
	Priority
	SOL Enabled
	System GUID
VLAN ID	
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State
	Status
	Storage Size
	Type
	Health Status
<b>Resource</b>	Resource
<b>SATA Settings</b>	Description
	Value
<b>Serial Communication</b>	Attribute
	Description

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Settings
	Value
<b>Serial Over LAN Configuration</b>	Baud Rate
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Retry Count
	Retry Interval
<b>Serial Port Configuration</b>	Baud Rate
	Channel Number
	Channel Privilege Level Limit
	Connection Mode Settings
	Delete Control
	Echo Control
	Flow Control
	Handshaking Control
	Input New Line Sequence
	Line Editing
	New Line Sequence
<b>Server</b>	Model
	OS Name
	Service Tag
<b>Service</b>	State
<b>Slot</b>	Adapter Data Bus Width
	Adapter Description
	Adapter Manufacturer
	Card Bus
	Category
	Hot Plug Capable
	ID
	Modem Ring Resume
	PC Card-16
	Power Management Enable PME Signal
	Shared Slot
	Slot ID
	Slot Length

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Speed
	Type
	Voltage Supply
	Zoom Video
<b>Slot Disablement</b>	Description
	Value
<b>Support 64 bit</b>	Capable
	Enabled
	Technology
<b>System Information</b>	Description
	Value
<b>System Profile Setting</b>	Description
	Value
<b>System Profile Settings</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>Temperature</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>Turbo Mode</b>	Capable
	Enabled
	Technology
<b>UEFI Boot Setting</b>	Description
	Value
<b>User</b>	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	State
	User ID
	User Name

**Table 4. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Validate OMSA Installation</b>	Ext Name
	Is Occupied
<b>Validate SMASH</b>	Caption
	Current Clock Speed
	Model Name
<b>Variable</b>	Variable Value
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted
	Hot Spare Policy Violated
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
Write Policy	
Health Status	
<b>Virtual Disks Info</b>	Controller ID
	Virtual Disk ID
<b>Virtualization</b>	Capable
	Enabled
	Technology
<b>Voltage</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
Health Status	

**Table 4. Attributes for Server running ESXi (continued)**

Category	Attribute Name
iSCSI VM NIC	Auto Negotiate
	Device Id
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	Generic Segmentation Offload
	Link
	MAC Address
	MTU
	Make
	Model
	Name
	Non iSCSI VM NIC
	PCI
	RX
	RX Check Summing
	Scatter Gather
	Speed
	Sub Device Id
	Sub Vendor Id
	TCP/IP Large Receive Offload
	TCP Segmentation Offload
	TX
	TX Check Summing
	UDP Fragmentation Offload
	Vendor Id

## Items reported from iDRAC

Table 5. iDRAC Attributes

Category	Attribute Name
<b>Additional Information</b>	Name
	Version
<b>Amperage</b>	Location
	Reading
<b>Array Disk</b>	Available RAID Disk Space
	Bus Protocol
	Capable Speed
	Capacity
	Certified
	Connector
	Device Name
	Device Protocol
	Driver Version
	Encrypted
	Encryption Capable
	Failure Predicted
	Firmware Revision
	Form Factor
	Health Status
	Hot Spare
	ID
	Manufacture Day
	Manufacture Week
	Manufacture Year
	Media Type
	Mirror Set ID
	Model Number
	Name
	Negotiated Speed
	PCI Negotiated Link Speed
	PCIe Maximum Link Speed
	PCIe Maximum Link Width

**Table 5. iDRAC Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	PCIe Negotiated Link Width
	Part Number
	Power Status
	Product ID
	Progress
	Remaining Rated Write Endurance
	Revision
	SAS Address
	Sector Size
	Serial Number
	State
	Status
	Sub Vendor
	T10 PI Capable
	Used RAID Disk Space
	Vendor
Vendor ID	
<b>Auto Recovery</b>	Action On Hung Operating System Detection
	System Reset Timer
<b>BIOS</b>	Manufacturer
	Release Date
	Version
<b>BIOS Boot Setting</b>	Description
	Value
<b>Battery</b>	Health Status
	Probe Name
	Reading
	Status
<b>Boot Setting</b>	Description
	Value
<b>CPU Detail</b>	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Installed Size
	Cache1 Level
	Cache1 Location
	Cache1 Max Size
	Cache1 Status

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Cache1 Type
	Cache1 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Installed Size
	Cache2 Level
	Cache2 Location
	Cache2 Max Size
	Cache2 Status
	Cache2 Type
	Cache2 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Installed Size
	Cache3 Level
	Cache3 Location
	Cache3 Max Size
	Cache3 Status
	Cache3 Type
	Cache3 Write Policy
	Demand based Switching Capable
	Demand Based Switching Enabled
	Execute Disabled Capable
	Execute Disabled Enabled
	Hyper Threading Capable
	Hyper Threading Enabled
	Sixty Four- Bit Support Capable
	Sixty Four- Bit Support Enabled
	Turbo Mode Capable
	Turbo Mode Enable
	Virtualization Technology Capable
	Virtualization Technology Enabled
<b>Check iDRAC Response</b>	Check iDRAC Response
	Model
<b>Component Detail</b>	Component ID
	Component Type
	Description

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Hardware Device ID
	Hardware Sub Device ID
	Hardware Sub Vendor ID
	Hardware Vendor ID
	Software Version
<b>Controller</b>	Abort Check Consistency On Error
	Alarm State
	Allow Revertible Hot Spare And Replace Member
	Auto Replace Member On Predictive Failure
	Automatic Disk Power Saving Idle C
	BGI Rate
	Cache Cade Capable
	Cache Memory Size
	Check Consistency Rate
	Driver Version
	Encryption Capable
	Encryption Key Present
	Encryption Mode
	Firmware Version
	Health Status
	ID
	Load Balance
	Name
	Number Of Connectors
	Number Of Extenders
	Patrol Read Iterations
	Patrol Read Mode
	Patrol Read Rate
	Patrol Read State
	Persistent Hot Spare
	Rebuild Rate
	Reconstruct Rate
	Slot ID
	Spin Down Configured Drives
	Spin Down Hot Spares
	Spin Down Unconfigured Drives
State	

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Status
	Stor Port Driver Version
	T10 Protection Information Capable
	Time Interval For Spin Down In Minutes
<b>Controller Battery</b>	Health Status
	Learn Mode
	Learn State
	Max Recharge Count
	Maximum Learn Delay
	Name
	Next Learn Time
	Predicted Capacity Status
	Recharge Count
	Slot Number
	State
	Status
<b>Controller Dependency</b>	Value
<b>Debug Menu</b>	Description
	Value
<b>Enclosure</b>	Asset Name
	Asset Tag
	Configuration
	Connector
	Enclosure Alarm
	Firmware Version
	Health Status
	ID
	Name
	PCIe SSD Extender
	SAS Address
	Service Tag
	Split Bus Part Number
	State
	Status
Target ID	
<b>Enclosure EMM</b>	Firmware Version
	Health Status

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Name
	Part Number
	State
	Status
<b>Enclosure Fan</b>	Health Status
	Name
	Part Number
	Speed
	State
	Status
<b>Enclosure Power Supply</b>	Firmware Version
	Health Status
	Name
	Part Number
	State
	Status
<b>Enclosure Temperature</b>	Health Status
	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
<b>FRU</b>	Device
	Manufacture Date
	Manufacturer
	Part Number
	Revision
	Serial Number
<b>Fan</b>	Health Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold

**Table 5. iDRAC Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Probe Name
	Reading
	Status
<b>Fan Redundancy</b>	Fan Redundancy Status
<b>Firmware</b>	FQDD
	Identify Info Value
	Name
	Version
<b>Front Panel</b>	NMI Button
	Power Button
<b>Hardware Log</b>	Date And Time
	Description
	Health Status
	Raw SEL Data
	Severity
<b>IPv6 Detail</b>	Alternate DNS Server
	DNS Address Source
	Default Gateway
	IP Address Source
	IPv6 Address1
	IPv6 Address2
	Link Local Address
	Preferred DNS Server
<b>Integrated Device</b>	Description
	Value
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>LCD Line Information</b>	Name
	Value
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Flash Chassis Identify LED Timeout Value
	Host Name
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Location
	System Revision
	System Revision Name
<b>Memory</b>	Device Name
	Failures
	Rank
	Size
	Speed
	Status
	Type
	Type Detail
	Health Status
<b>Memory Array</b>	ECC Type
	Installed Capacity
	Location
	Maximum Capacity
	Slots Available
	Slots Used
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Use
<b>Memory Setting</b>	Description
	Value
<b>Mezzanine Slot Disablement</b>	Description
	Value
<b>Miscellaneous Setting</b>	Description
	Value
<b>Modular Enclosure Information</b>	Chassis Service Tag
	Description

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Express Service Code
	IP Address
	IP Address Source
	IP Address Type
	Model
	Product
	Version
<b>NIC Configuration</b>	Channel Number
	Fail Over Network
	NIC Selection
	Primary Network
<b>Network</b>	Administrative Status
	Base IO Address
	Base Memory Address
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server
	DMA
	Default Gateway
	Default IPv6 Gateway
	Description
	Driver Image Path
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	IRQ
	Interface Description
	Interface Name
	Link Status
	Maximum Transmission Unit
	NparEP Enabled
	Operational Status
	Received Alignment Errors
Received Bad Frames	
Received Broadcast Packets	

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long
	Received Good Frames
	Received Internal MAC Receiving Errors
	Received Multicast Packets
	Received Total Packets
	Received Unicast Packets
	Received Unknown Protocols
	Slot Name
	Speed
	TOE Capable
	TOE Enabled
	Team Name
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Carrier Sense Errors
	Transmitted Collisions
	Transmitted Deferred Transmits
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Excessive Collisions
	Transmitted Good Frames
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Multiple Collision Frames
	Transmitted Queue Length
	Transmitted Single Collision Frames
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>One Time Boot</b>	Description

**Table 5. iDRAC Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Value
<b>Operating System</b>	Install Date
	OS Name
	System Name
	Version
<b>PCIe SSD Extender</b>	Name
	State
	Status
	Health Status
<b>Peak Statistics</b>	Measurement Start Time
	Peak Time
	Reading
	Statistics
<b>Power Budget</b>	Enable Power Cap
	Power Cap
<b>Power Head Room</b>	System Instantaneous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold
	Health Status
<b>Power Supply</b>	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status
	Type
	Health Status
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Measurement Finish Time
	Measurement Start Time

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Reading
	Statistics
<b>Processor</b>	CPU Voltage
	Connector Name
	Core Count
	Current Speed
	External Clock Speed
	Family
	Manufacturer
	Maximum Speed
	Occupied
	Processor Brand
	State
	Status
	Version
	Health Status
<b>Processor Setting</b>	Description
	Value
<b>Remote Access Device</b>	Device Type
	Enable IPMI Over LAN
	Enable VLAN ID
	IPMI Version
	IPv4 Address
	IPv4 Address Source
	IPv4 Gateway
	IPv4 Subnet
	MAC Address
	Number Of Current Active Sessions
	Number Of Possible Active Sessions
	Priority
	SOL Enabled
	System GUID
VLAN ID	
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State

**Table 5. iDRAC Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Storage Size
	Type
	Health Status
<b>SATA Setting</b>	Description
	Value
<b>Serial Communication</b>	Attribute
	Description
	Settings
	Value
<b>Serial Over LAN Configuration</b>	Baud Rate
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Retry Count
	Retry Interval
<b>Server</b>	Model
	OS Name
	Service Tag
<b>Slot</b>	Adapter Data Bus Width
	Adapter Description
	Adapter Manufacturer
	Card Bus
	Category
	Hot Plug Capable
	ID
	Modem Ring Resume
	PC Card-16
	Power Management Enable PME Signal
	Shared Slot
	Slot ID
	Slot Length
	Speed
	Type
	Voltage Supply
Zoom Video	

**Table 5. iDRAC Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Slot Disablement</b>	Description
	Value
<b>Software</b>	Software
<b>System Information</b>	Description
	Value
<b>System Performance</b>	Probe Name
	Reading
	State
	Status
<b>System Profile Setting</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>TSR Dependency</b>	Value
<b>Temperature</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status
<b>UEFI Boot Setting</b>	Description
	Value
<b>User</b>	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	State
	User ID
	User Name
<b>Validation</b>	Model
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted

**Table 5. iDRAC Attributes (continued)**

Category	Attribute Name
	Hot Spare Policy Violated
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
	Write Policy
	Health Status
<b>Voltage</b>	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
	Health Status

# Items reported from servers running Windows - Consulting, Deployment, System Maintenance

**Table 6. Attributes for Server running Windows**

Category	Attribute Name
<b>64-bit Support</b>	Technology
	Capable
	Enabled
<b>Adapter Detail</b>	Adapter Name
<b>Additional Information</b>	Name
	Version
<b>Advanced Logs Registry Dependency</b>	Value
<b>Amperage</b>	Location
	Reading
<b>Application Log</b>	Type
	Source
	Date and Time
	Event ID
	Message
	Status
	Health Status
<b>Applied KB</b>	HotFix ID
	Service Pack
<b>Array Disks</b>	Connector
	Status
	Health Status
	Serial Number
	Name
	State
	Power Status
	Bus Protocol
	Failure Predicted
	Media Type
	Revision

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	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
	Address
	Negotiated Speed
	Product ID
	Manufactured Year
	Manufactured Week
	Manufactured Day
Sector Size	
Device Name	
<b>ASMME Components</b>	Max Connections per Member
	Max Devices per MPIO Session
	Min Adapter Speed
	Use IPv4
	Use IPv6
<b>Auto Recovery</b>	Action on Hung Operating System Detection
	System Reset Timer
<b>Battery</b>	Probe Name
	Reading
	Status
	Health Status
<b>BIOS</b>	Manufacturer
	Version
	Release Date
<b>BIOS Boot Settings</b>	Description

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Value
<b>Boot Settings</b>	Description
	Value
<b>Boot-Page Information</b>	Initial
	Maximum
	Current
<b>Brocade Adapter</b>	Name
	Model
	Serial Number
	Number of Ports
	Hardware Path
	Type
	Status
	BIOS Version
	Adapter Number
<b>Card Manufacturer</b>	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
<b>Qlogic</b>	Make
	Adapter Name
	Bus Type
	IC Version
	Boot Code Version
	Firmware Version
	iSCSI Boot Version
	FCoE Boot Version
	PXE Boot Version
<b>Channel</b>	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
<b>Check iDRAC Response</b>	Model
<b>Component Details</b>	Component ID

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
<b>Configured PS Group</b>	Group IP
	Group Name
<b>Connector</b>	Class
	Description
	Location
	Name
	Status
	Health Status
<b>Controller</b>	ID
	Name
	Firmware Version
	Driver Version
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate
	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
Cache Cade Capable	
Encryption Capable	

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Encryption Key Present
	Spin Down Unconfigured Drives
	Spin Down Hot Spares
	Spin Down Configured Drives
	Automatic Disk Power Saving (Idle C)
	Patrol Read Mode
	Time Interval For Spin Down (Minutes)
	Alarm State
	T10 Protection Information Capable
	Patrol Read State
	Encryption Mode
	Status
	Health Status
	<b>Controller Dependency</b>
	Value
<b>CPU Details</b>	Cache1 Maximum Size
	Cache1 Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Location
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Maximum Size
	Cache2 Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Location
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Maximum Size
	Cache3 Size
	Cache3 Write Policy
	Cache3 Associativity

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Cache3 Error Correction Type
	Cache3 Location
	Cache3 Type
	Cache3 Level
	Cache3 Status
<b>Custom Attributes</b>	CPU Power and Performance Management
	Memory Power and Performance Management
	Fan Power and Performance Management
<b>DCB Information for HW Path</b>	DCB Status
	Error Reason
	Time to Live
	Port ID
	Port Description
	System Name
	System Description
	System Cap
	FCoE Logical Link Status
	Network Priority
	DCBCXP Version
<b>DCB</b>	DCB CXP Version
	Error Reason
	FCoE Logical Link Status
	Network Priority
	Port Description
	Port ID
	System Cap
	System Description
	System Name
	Time To Live
<b>DCBX</b>	Data Center Bridging
	Enhanced Transmission Selection
	Link Speed
	Link State
	Priority Flow Control
	Priority Tagging
	iSCSI HBA Priority
<b>Debug Menu</b>	Description

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Value
<b>Demand Based Switching</b>	Technology
	Capable
	Enabled
<b>Devices/Lun Details</b>	Lun Count
	Port ID
	Product ID
	Product Type
	Product Vendor
	Serial Number
	Status
	Target
<b>Disk</b>	Capacity
	Cluster Disk Name
	Clustered
	Clustered Disk
	Description
	Model
	Name
	Partition Count
	SAN Attached
	Serial Number
	Vendor
<b>Display</b>	Program
	PNP Device ID
	Adapter Type
	Adapter Description
	Adapter RAM
	Driver Version
	Resolution
	Bits Pixel
	Color Table Entries
	Installed Drivers
	Color Planes
<b>DMA List</b>	Channel
	Status
	Device

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>DRAC Information</b>	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
<b>Driver</b>	Name
	Description
	Internal Name
	File Name
	Start
	Type
	Status
	Version
	Company Name
<b>Driver Settings</b>	HBA Instance
	Link
<b>Emulex FC HBA</b>	Port WWN
<b>Enclosure</b>	ID
	Name
	State
	Status
	Health Status
	Connector
	Firmware Version
	Service Tag
	Asset Tag
	Asset Name
	Target ID
	Split Bus Part Number
	Express Service Code
	Address
	Alarm
Configuration	
<b>Enclosure EMM</b>	Name
	Status
	Health Status

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Part Number
	Firmware Version
	State
<b>Ethernet Information</b>	MAC Address
	Factory MAC Address
	State
	OS Eth Device
	CNA DCB State
	Beacon Status
	Port Mode
	HW Path
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
<b>Execute Disable(XD)</b>	Technology
	Capable
	Enabled
<b>External Enclosure</b>	Controller ID
	ID
<b>Fan</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
Health Status	
<b>Fan Redundancy</b>	Redundancy Status
<b>FC Adapter</b>	CLI Software Installed
	CLI Software Version
	Manufacturer
	Number Of FcHBA Connected To Host
<b>FCoE Information</b>	MAC Address
	State
	Max Frame Size
	Receive BB Credits

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Transmit BB Credits
	Quality of Service
	Target Rate Limiting
	TRL Default Speed
	SCSI Queue Depth
	PBind Status
	VLAN ID
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
<b>Fiber Channel Controller</b>	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
<b>Fiber Channel HBA Port</b>	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
<b>Firmware</b>	Name
	Version
<b>Front Panel</b>	Power Button
	NMI Button
<b>FRU</b>	Device
	Serial Number
	Part Number
	Revision
	Manufacturer

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Manufactured Date
<b>General</b>	Attribute
	Settings
<b>Group Persistent</b>	Present And New Targets
	Present Targets
<b>Group Binding</b>	Bind by World Wide Port Name
	Bind by Port ID
<b>Hardware Log</b>	Description
	Date and Time
	Severity
	Health Status
	Raw SEL Data
<b>Hardware Performance</b>	Probe Name
	Status
	Cause
<b>HBA Dependency</b>	Value
<b>Host Summary</b>	IP Address
	Memory
	Platform
	Available Memory
	Processor Model
	Number Of Processors
	Cores Per CPU
	Processor Speed
	CPU Utilization
	Disk Count
	Volume Count
	Overall Status
	Software iSCSI Status
	Fibre Channel Present
<b>Host Port</b>	Host Name
	Model
	Serial Number
	Description
	Attached Device Port Name
	Attached Device Node Name
	Port Number

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	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
	Link Down Timeout
	Enable Target Reset
	LUNs per Target
	Out Of Order Frame Assembly
	Product Identifier
	Part Number
	Engineering Date Code
	Flash Image Version
	Status
	Misc Information
	Manufacturing ID
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Hyper Threading(HT)</b>	Technology
	Capable
	Enabled
<b>Installed Applications</b>	Name
	Version
	Install Location
	Install Source
	Install Date
	Publisher
	URL Information
<b>Integrated Devices</b>	Description
	Value
<b>Interface Member</b>	Physical Interface
	Team Interface
<b>Internet Explorer</b>	Key
	Value
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>IO Ranges</b>	Address Range
	Device
	Status
<b>IPv6 Details</b>	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
<b>IRQ</b>	IRQ Number
	Caption
	Status
<b>iSCSI</b>	Port Identifier
	MAC Address
	Description

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>iSCSI Adapter</b>	Manufacturer
	Driver Version
	Serial Number
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
<b>iSCSI DATA</b>	Initiator Version
	Total Portals
<b>iSCSI Ethernet Controller</b>	Number Of iSCSI HBA Interface
<b>iSCSI HBA Interface</b>	Adapter Name
	Bus Device Function
	Slot Number
	MAC Address
	IPv6 Address
	IPv4 Address
	Driver Version
	Driver Date
	Total Offload iSCSI Connections
	Device Description
	Connection Timeout
	Delayed Acknowledgment
	No Output Interval
	Port Down Timeout
	Flow Control Status
	Speed Duplex
	Maximum iSCSI Connections
	MTU
	Bus Device Function
	Bus Type
Boot Code Version	
Family Firmware	
iSCSI Boot Version	
PXE Boot Version	
<b>iSCSI NIC Connection</b>	InitiatorPorts
<b>iSCSI Session Data</b>	Session ID
	Initiator Node Name

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Target Node Name
	Target Name
	IS ID
	Number Of Connections
	TSID
<b>Kernel Dump</b>	File Name
	Size (KB)
<b>LCD Information</b>	Front Panel LCD Security Access
	Enable Remote Indication
<b>LCD Line Information</b>	Name
	Value
<b>Logs Enumeration Dependency</b>	Value
<b>Logs Registry Dependency</b>	Value
<b>LUN</b>	Lun
	Size
	Type
	OS Lun Name
	WWULN
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System ID
	Express Service Code
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout value
	Fault LED Flash On Severity Level
	Host Name
	System Location
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Revision
System Revision Name	
<b>Media</b>	Vendor
	Type
	Part Number

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Speed
	Revision
	Serial Number
<b>Memory</b>	Device Name
	Size
	Speed
	Rank
	Failures
	Status
	Health Status
	Type
	Type Detail
<b>Memory Array</b>	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
<b>Memory List</b>	Memory ID
<b>Memory Operating Mode</b>	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
<b>Memory Ranges</b>	Range
	Device
	Status
<b>Memory Redundancy</b>	Redundancy Status
	Failover State
	Redundancy Configuration
<b>Memory Settings</b>	Description
	Value
<b>Mini Dump</b>	File Name
	Size (KB)
<b>Miscellaneous Settings</b>	Description

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Value
<b>Modular Enclosure Information</b>	Product
	Description
	Version
	IP Address
	Chassis Service Tag
	Model
	IP Address Type
	IP Address Source
	Express Service Code
<b>Modules</b>	Internal Name
	Version
	Size
	File Date Time
	Manufacturer
	Source Path
<b>MPIO Settings</b>	MPIO Disk
	LB Policy
	System Disk
<b>MPIO/HitKit Components</b>	Load Balance Type
	Use MPIO For Snapshots
	EHCM Service Status
	PDO Remove Period
	Path Recovery Interval
	Path Verification Period
	Path Verify Enabled
	Use Custom Path Recovery Interval
<b>Multi Function</b>	Function
	Ndis
	iSCSI
	FCoE Information
	PFC Status
<b>NDIS</b>	Port Identifier
	MAC Address
	Description
<b>Network</b>	Link Status
	Duplex

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	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
	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

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	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
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	TOE Enabled
<b>Network Adapter</b>	Name
	Adapter Type
	Product Type
	Installed
	PNP Device ID
	Last Reset
	Index
	Service Name
	DNS Server IP
	DNS Domain
	Driver Path
	DHCP Enabled
	DHCP Server
	DHCP Lease Expires
	IPv4 Address
	IPv6 Address

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	IP Subnet
	IP Enabled
	Default IP Gateway
	MAC Address
	DHCP Lease Obtained
	Number Of Non iSCSI Interfaces
	Number Of iSCSI Interfaces
<b>Network Driver Interface Specification</b>	Adapter Name
	Slot Number
	Family Firmware
	MAC Address
	IPv6 Address
	IPv4 Address
	Driver Version
	Driver Date
	Offload Capabilities
	MTU
<b>Network List</b>	Device NIC Id
<b>Network Protocol</b>	Name
	Connectionless Service
	Guarantees Delivery
	Guarantees Sequencing
	Maximum Address Size
	Maximum Message Size
	Message Oriented
	Minimum Address Size
	Pseudo Stream Oriented
	Supports Broadcasting
	Supports Connect Data
	Supports Encryption
	Supports Expedited Data
	Supports Disconnect Data
	Supports Graceful Closing
	Supports Guaranteed Bandwidth
Supports Multi casting	
Status	
<b>Network Team Interface</b>	Link Status

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	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
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	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	
<b>Network Team List</b>	Vir NIC ID
<b>NIC Binding Order</b>	Adapter Name
	Protocols
	Connection Type
<b>NIC Configuration</b>	Channel Number
	Primary Network
	Failover Network
<b>NIC Registry</b>	Name
	Value
<b>OMELog_Dependency</b>	Value
<b>One-Time Boot</b>	Description
	Value
<b>OpenManage</b>	Name
	Version
<b>Operating System</b>	Total Physical Memory (GB)

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Total Virtual Memory (GB)
	Available Physical Memory (GB)
	Available Virtual Memory (GB)
	SMBIOS Version
	OS Name
	Other OS Description
	OS Manufacturer
	Windows Directory
	System Directory
	Boot Device
	Locale
	System Manufacturer
	System Model
	System Type
	User Name
	Version
	Time Zone
	OS Install Date
	BIOS Version
	BIOS Release Date
	Hardware Abstraction Layer
System Name	
Page File Size	
Page File Name	
<b>Optical Device</b>	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
<b>PCIe SSD Extender</b>	Name
	State

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Health Status
<b>Peak Statistics</b>	Statistics
	Measurement Start Time
	Peak Time
	Reading
<b>Port</b>	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Actual Connection Mode
	Actual Data Rate
	Adapter Id
	BDF
	BIOS Version
	Beacon Status
	CNA DCB State
	Connection Option
	DataRate
	Description
	Device ID
	Driver Version
	Enable FCTape Support
	Enable Hard Loop ID
	Enable Host HBA BIOS
	Enable LIP Full Login
	Enable Target Reset
	Engineering Date Code
	Execution Throttle
	Firmware Version
	Flash Image Version
	Frame Size
	Function Id
	Hard Loop ID
	Host Name
	Interrupt Delay Timer
	LUNs Per Target

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Link Down Timeout
	Login Retry Count
	Loop Reset Delay
	MAC Address
	Manufacturing ID
	Media Type
	Misc Information
	Model
	Node Name
	Node WWN
	Operation Mode
	Out Of Order Frame Assembly
	Part Number
	Port Down Retry Count
	Port ID
	Port Instance
	Port Mode
	Port Name
	Port Number
	Port Type
	Port WWN
	Product Identifier
	Serial Number
	Speed
	Sub DeviceID
	SubVendorID
	Target Count
	VendorID
<b>Port Detail</b>	HBA ID
	HBA Model
	Firmware Version
	Port ID
	iSCSI Name
	IP Address
	Default Gateway
	Subnet Mask
	MAC Address

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Is Software Based
	Link Status
	Keep Alive TO
	IP ARP Redirect
	Execution Throttle
	TCP Nagle
	AFW Delayed Ack
	Large Frames
	HBA Delayed ACK
<b>Portal Data</b>	IP Address
	Initiator Name
	Symbolic Name
	Port Number
<b>Power Budget</b>	Enable Power Capping
	Power Capping
<b>Power Headroom</b>	System Instantaneous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
<b>Power Profile</b>	Active Power Controller
	Maximum Performance
	OS Control
	Custom
<b>Power Supply</b>	Location
	Power Monitoring Capable
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Status
	Health Status

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Type
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
<b>Priority Group Mapping</b>	Priority Group ID
	Priority Group
	Bandwidth (%)
<b>Problem Devices</b>	Device
	Error Code
	PNP Device ID
<b>Process Memory Details</b>	Paged (KB)
	Non-Paged (KB)
	Total Commit Charge (KB)
	Limit Commit (KB)
	Peak Commit (KB)
	Total Kernel (KB)
	System Cache (KB)
	Total Physical (KB)
	Available Physical (KB)
<b>Processes</b>	Name
	ID
	Memory Usage (KB)
	VM Size (KB)
	Paged Pool (KB)
	NP Pool(KB)
	Page Faults
	Priority
	Threads
	Handles
	Started
	Path
	IO Reads
	IO Writes
	GDI Objects
User Objects	

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	IO Other
	Read Bytes
	Write Bytes
	Other Bytes
	CPU Time
<b>Processor</b>	Connector Name
	Manufacturer
	Family
	Processor Brand
	Version
	Core Count
	Current Speed
	Maximum Speed
	External Clock Speed
	Voltage
	State
	Status
	Occupied
	Health Status
<b>Processor Settings</b>	Description
	Value
<b>Remote Access</b>	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	SOL Enabled
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	MAC Address
	Enable VLAN ID
	VLAN ID
Priority	
<b>Remote Access Users</b>	User ID

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
<b>Removable Flash Media</b>	Redundancy Status
<b>SAS Adapter Card Manufacturer</b>	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
<b>SAS Adapter</b>	ID
	Name
	Description
	Firmware Version
	Driver Version
	Vendor ID
	Health Status
	Model
	Location
	Storport Driver Version
	Number Of Connectors
	Device ID
	Rebuild Rate
	Sub Device ID
	Sub Vendor ID
	BGI Rate
	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	

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	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
<b>SATA Disks</b>	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
	State
<b>SATA Settings</b>	Description
	Value
<b>SATA/IDE Controller</b>	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
<b>SCSI Channel</b>	Name
	State
	Connector Type
	Status
	Health Status
<b>SCSI Controller</b>	ID
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
<b>Serial Communication</b>	Attribute
	Settings
<b>Serial Over LAN Configuration</b>	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Baud Rate
<b>Serial Port Configuration</b>	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
<b>Server</b>	Architecture
	Cluster Member
	Cluster Name
	Dell Hitkit ASMME Installed
	Dell Hitkit ASMME Version
	Dell Hitkit ASMVE Installed
	Dell Hitkit ASMVE Version
	EqIDSM Version
	Host Name
	Hyper V
	MSDSM Version
	Make
	Model
	Operating System
	Operating System Version
	Service Pack
Service Tag	
iSCSI Initiator Version	
<b>Services</b>	Display Name
	Service Name
	State
	Start Mode
	Service Type
	Service Path
	Error Control
	Start Name
<b>Session Connection Data</b>	Connection ID
	Initiator Portal
	Target Portal
	CID
<b>Session Device Data</b>	Device Type
	Device Number
	Storage Device Type
	Partition Number

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Friendly Name
	Device Description
	Reported Mappings
	Location
	Initiator Name
	Device Target Name
	Device Interface Name
	Legacy Device Name
	Device Instance
<b>Slot</b>	ID
	Slot ID
	Type
	Slot Length
	Speed
	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
	Adapter Manufacturer
Adapter Description	
<b>Slot Disablement</b>	Description
	Value
<b>Slot Tree</b>	Device Name
	Bus
	Device
	Function
	Device Identifier
<b>Slot Tree Child</b>	Device Name
	Bus
	Device
	Function

**Table 6. Attributes for Server running Windows (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Device Identifier
<b>Slots Dependency</b>	Slot Index
	Primary Key
<b>Startup</b>	Command
	Location
	Program
	User Name
<b>Storage Disk</b>	Index
	Manufacturer
	Provider Name Model
	Bytes Per Sector
	Media Loaded
	Media Type
	Partitions
	SCSI Bus
	SCSI Logical Unit
	SCSI Port
	SCSI Target ID
	Sectors Per Track
	Size (GB)
	Total Cylinders
	Total Sectors
Total Tracks	
Tracks Per Cylinder	
<b>Storage Drives</b>	Name
	Description
	Compressed
	File System
	Size
	Free Space
	Volume Name
	Volume Serial Number
<b>Storage Partition</b>	Partition Disk Index
	Partition
	Partition Size (MB)
	Partition Start
	Bootable Partition

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Partition Type
<b>Subnets Excluded</b>	IP Subnet
<b>Subnets Included</b>	IP Subnet
<b>System Information</b>	Description
	Value
<b>System Log</b>	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
	Attributes
<b>System Profile Settings</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>System Uptime</b>	Current System Uptime
	Total Availability Percentage
	Total Uptime
	Total Down Time
	Total Reboots
	Total Blue Screens
<b>Tape Drive</b>	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Status
	Health Status
<b>Tape Drive Characteristics</b>	Name
	Value
<b>Temperatures</b>	Probe Name

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
	Health Status
<b>Turbo Mode</b>	Technology
	Capable
	Enabled
<b>UEFI Boot Settings</b>	Description
	Value
<b>Uptime Log</b>	Time
	Event
	Comment
<b>USB</b>	Name
	PNP Device ID
<b>User Profile Dependency</b>	Value
	User Name
<b>Variables</b>	Variable Value
	User Name
	Variables
	Full Name
	System Variable
<b>VHD</b>	Connection
	HostResource
<b>Virtual Disk</b>	Name
	Encrypted
	Progress
	T10 Protection Information Capable
	Size
	Layout
	State
	Status
	Health Status
	Device Name
	Bus Protocol

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Media Type
	Cache Policy
	Disk Cache Policy
	Read Policy
	Stripe Element Size
	Write Policy
	Hot Spare Policy violated
	Controller ID
	Virtual Disk ID
<b>Virtual Hard Disks</b>	Name
	Size
	Format
	Location
	Provisioned Space
	Type
	Description
	Model
	Vendor
	Serial Number
	SAN Attached
	Clustered
	Cluster Disk Name
<b>Virtual Machine</b>	Name
	Operating System
	State
	Assigned Memory
	CPU Count
	Checkpoints Present
	Highly Available
	VM Additions
	Template
	VMC Path
	Committed
	<b>Virtual NIC</b>
MAC Address	
Type	
VLAN ID	

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Virtual Machine Network
<b>Virtual Switches</b>	Switch Name
	Network Adapter
	Connection Type
	Allow Management OS to Share
	VLAN ID
<b>Virtualization Technology(VT)</b>	Technology
	Capable
	Enabled
<b>Voltages</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
<b>Volumes</b>	Volume Label
	IsClustered
	Name
	Physical Disks
	Description
	Vendor
	Model
	Capacity
	Used Space
	Free Space
	Partition Number
	Clustered
	Cluster Shared Volume
	<b>Windows iSCSI HBA Registry</b>
Value	
<b>Windows Registry</b>	Link Down Time
	Time Out Value
	Maximum Request Hold Time
	Delay Between Reconnect
	Enable NOP Out

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Error Recovery Level
	First Burst Length
	Immediate Data
	Initial R2T
	IP SecConfig Timeout
	Maximum Burst Length
	Maximum Connection Retries
	Maximum Pending Request
	Maximum Receive Data Segment Length
	Maximum Transfer Length
	Network Ready Retry Count
	Portal Retry Count
	TCP Connect Time
	WMI Request Timeout
	Srb Timeout Delta
	Disk Path Check Interval
	Disk Path Check Disabled
	Flush Health Interval
	Gather Health Status
	Retry Count
	Retry Interval
	IO Timeout Value
	PDO Remove Period
	Path Recovery Interval
	Path Verification Period
	Use Custom Path Recovery Interval
	Path Verify Enabled
<b>Controller Battery</b>	Learn Mode
	Learn State
	Max Recharge Count
	Maximum Learn Delay
	Name
	Next Learn Time
	Predicted Capacity Status
	Recharge Count
	Slot Number
	State

**Table 6. Attributes for Server running Windows (continued)**

Category	Attribute Name
	Status
	Health Status
<b>Enclosure Fan</b>	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
	Health Status

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

**Table 7. Attributes Server running Linux**

Category	Attribute Name
<b>64-bit Support</b>	Technology
	Capable
	Enabled
<b>Active Tuning Parameters</b>	Parameter
	Value
<b>Adapter</b>	Interface Name
	Inet Address
	MTU
	IP Subnet
	MAC Address
	iSCSI Enabled
	Type
	Autonegotiate
	Device ID
	Driver Name
	Driver Update Version
	Driver Version
	Firmware Update Version
	Firmware Version
	Generic Segmentation Offload
	IP Subnet
	Inet Address
	Installed Slot
	Interface Name
	Link Status
	MAC Address
	MTU
	Manufacturer
	Model

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	RX
	RX Check Summing
	Scatter Gather
	Speed
	Sub Device ID
	Sub Device id
	Sub Vendor ID
	Sub Vendor id
	TCP Segmentation Offload
	TX
	TX Check Summing
	UDP Fragmentation Offload
	Update Driver
	Update Firmware
	iSCSI Enabled
	<b>Adapter Detail</b>
<b>Additional Information</b>	Name
	Version
<b>Amperage</b>	Location
	Reading
<b>Array Disks</b>	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)	

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Available RAID Disk Space
	Hot Spare
	Progress
	Mirror Set ID
	Model Number
	Vendor
	Part Number
	Maximum Capable Speed
	Address
	Negotiated Speed
	Product ID
	Manufactured Year
	Manufactured Week
	Manufactured Day
	Sector Size
Device Name	
<b>Auto Recovery</b>	Action On Hung Operating System Detection
	System Reset Timer
<b>BIOS</b>	Manufacturer
	Release Date
	Version
<b>BIOS Boot Settings</b>	Description
	Value
<b>Bonds</b>	Bond Value
<b>Boot GRUB List</b>	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
<b>Boot List</b>	Inode
	Rights
	Number
	Owner
	Remote Access Users

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	Size
	File Date
	Processes
<b>Boot Menu List</b>	Name
	Value
<b>Boot Settings</b>	Description
	Value
<b>Card Manufacturer</b>	Device ID
	Sub Device ID
	Sub Vendor ID
	Vendor ID
<b>Channel</b>	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
<b>Check iDRAC Response</b>	Model
<b>Component Details</b>	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
<b>Configured PS Group</b>	Group IP
	Group Name
<b>Connector</b>	Name
	Status
	Description
	Location
	Class
<b>Controller</b>	ID
	Name
	Firmware Version

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	Driver Version
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate
	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
<b>Controller Dependency</b>	Controller ID
	Value
<b>CPU Details</b>	Cache1 Maximum Size
	Cache2 Maximum Size
	Cache3 Maximum Size

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Cache1 Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Location
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Location
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Size
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Location
Cache3 Type	
Cache3 Level	
Cache3 Status	
<b>Custom Attribute</b>	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching(DBS)</b>	Technology
	Capable
	Enabled
<b>Device Map List</b>	Name
	Value
<b>Device Lun Information</b>	Luns Count
	Port ID
	Product ID

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Product Type
	Product Vendor
	Serial Number
	Status
	Target
<b>Device Map Per Multipath RPM</b>	Name
<b>LUN Details</b>	HBA Instance
	Target
	Product ID
	Product Vendor
	Product Type
	Port ID
	Serial Number
	Lun Count
	Status
<b>Disk Usage</b>	File System
	Size
	Used
	Available
	Use
	Mounted On
<b>Dkmsrpm</b>	Name
	Value
<b>Display</b>	Name
	Value
<b>DRAC Information</b>	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
<b>Driver Modprobe Configuration</b>	Command
	Module Name
	Options
<b>Driver Settings</b>	Link
	HBA Instance
<b>Drivers</b>	Name

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Module Path
<b>Drivers Loaded Module</b>	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
<b>EHCM</b>	CPU Percentage
	Mem Percentage
	Process ID
<b>Enclosure</b>	ID
	Name
	State
	Status
	Health Status
	Connector
	Firmware Version
	Service Tag
	Asset Tag
	Asset Name
	Target ID
	Split Bus Part Number
	Express Service Code
	Address
	Alarm
Configuration	
<b>Enclosure EMM</b>	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
<b>Environment Variable</b>	Variables
	Variable Value
<b>Equalrpm</b>	Name
<b>Execute Disable(XD)</b>	Technology
	Capable
	Enabled

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>External Enclosure</b>	Controller ID
	ID
<b>Fan</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
	Health Status
<b>Fan Redundancy</b>	Redundancy Status
<b>FC Adapter</b>	CLI Software Installed
	CLI Software Version
	Manufacturer
	Number Of Fc HBA Connected To Host
<b>Fiber Channel Controller</b>	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
<b>Fiber Channel HBA Port</b>	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
<b>Firmware</b>	Name
	Version
<b>Front Panel</b>	Power Button
	NMI Button
<b>FRU</b>	Device

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
<b>General</b>	Attribute
	Settings
<b>Group Binding</b>	Bind by World Wide Port Name
	Bind by Port ID
<b>Group Persistent</b>	Present and New Targets
	Present Targets
<b>Hardware Log</b>	Description
	Date And Time
	Severity
	Health Status
	Raw SEL Data
<b>Hardware Performance</b>	Probe Name
	Cause
	Status
<b>Host</b>	Model
	Service Tag
	Make
	Hostname
	Operating System
	Release
	Architecture
	Kernel Release
	Kernel Date
	Kernel Data
	UUID
	System Date
	Dell HitKit Installed
	Dell HitKit Version
	Operating System Version
	Is Virtual Server
<b>Host Network Adapter</b>	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
<b>Host Port</b>	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
	Link Down Timeout
Enable Target Reset	
LUNs per Target	
Out Of Order Frame Assembly	
Product Identifier	

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Part Number
	Engineering Date Code
	Flash Image Version
	Misc Information
	Manufacturing Id
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
<b>Hyper Threading(HT)</b>	Technology
	Capable
	Enabled
<b>Installed Applications</b>	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
<b>Integrated Devices</b>	Description
	Value
<b>Interface Member</b>	Physical Interface
	Team Interface
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>IO Ranges</b>	Address Range
	Device
<b>IPv6 Details</b>	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
<b>IRQ</b>	IRQ Number

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Interrupts Per CPU
	Type
	Device
<b>iSCSI Session Data</b>	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State
<b>iSCSI Adapter</b>	Device ID
	Driver Update Version
	Driver Version
	Firmware Update Version
	Manufacturer
	Serial Number
	Sub Device ID
	Sub Vendor ID
	Update Driver
	Update Firmware
	Vendor ID
<b>iSCSI Initiator</b>	iSCSI Initiator IQN
	iSCSI adm Version
<b>iSCSI Initiator Utils rpm</b>	Name
<b>iSCSI Node</b>	Attached Device Node Name
	Iface Name
	Session Time Out
	Session Cmds Max
	Session Queue Depth
<b>iSCSI rpm</b>	Name
<b>ISOE Enabled</b>	ISOE Attr
<b>LCD Information</b>	Front Panel LCD Security Access
	Enable Remote Indication
<b>LCD Line Information</b>	Name
	Value
<b>Lun</b>	Lun
	Size

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	Type
	OS Lun Name
	WWULN
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout value
	Fault LED Flash On Severity Level
	Host Name
	System Location
	Index
	Server Asset Tag
	Server Model
	Server Module Location
	Server Service Tag
	System Revision
System Revision Name	
<b>Media</b>	Vendor
	Type
	Part Number
	Speed
	Revision
	Serial Number
<b>Memory</b>	Device Name
	Size
	Speed
	Rank
	Failures
	Status
	Health Status
	Type
	Type Detail
<b>Memory Array</b>	Location
	Use
	Installed Capacity (MB)

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
<b>Memory List</b>	Memory ID
<b>Memory Operating Mode</b>	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
<b>Memory Redundancy</b>	Redundancy Status
	Failover State
	Redundancy Configuration
<b>Memory Settings</b>	Description
	Value
<b>Memory Usage</b>	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
<b>Miscellaneous Settings</b>	Description
	Value
<b>Modular Enclosure Information</b>	Product
	Description
	Version
	IP Address
	Chassis Service Tag
	Model
	IP Address Type
	IP Address Source
	Express Service Code
<b>MPIO And HitKit Component</b>	Chap Discovery

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	IO Per Path
	Load Balance Type
	Max Connections Per Member
	Max Devices Per MPIO Session
	Max Mpio Session
	Min Adapter Speed
	Use IPv4
	Use MPIO For Snapshots
	iscsi Initiator
<b>Multipath Info</b>	Volume Size
	EqualLogic Volume
	Volume Alias
<b>Multipath rpm</b>	Name
<b>Network</b>	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
	Firmware Version
	Maximum Transmission Unit
	Speed
	Default Gateway
	Received Good Frames
	Received Bad Frames
	Received Alignment Errors
Received FCS Errors	
Received Frames Too Long	

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	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
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	TOE Enabled
	Npar EP Enabled

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	TOE Capable
<b>Network Adapter</b>	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	
<b>Network DNS Configuration</b>	Name
	Value
<b>Network Host</b>	Name
	Value
<b>Network List</b>	Device NIC ID
<b>Network Team Interface</b>	Link Status
	Interface Name
	Description
	Vendor

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	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
	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

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	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	
<b>Network Team List</b>	VIR NIC ID
<b>NIC Configuration</b>	Channel Number
	Primary Network
	Failover Network
<b>One-Time Boot</b>	Description
	Value
<b>OpenManage</b>	Version
	Item
<b>Opensslrpm</b>	Name
<b>Operating System</b>	OS Name
	Version
	System Name
	Install Date
<b>Optical Device</b>	Name
	Status
	Firmware Version
	Device Descriptor
	Description

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
<b>PCIe SSD Extender</b>	Name
	State
	Health Status
<b>Peak Statistics</b>	Statistics
	Measurement Start Time
	Peak Time
	Reading
<b>Port</b>	Actual Connection Mode
	Actual Data Rate
	BIOS Version
	Connection Option
	Data Rate
	Description
	Device ID
	Driver Version
	Enable FC Tape Support
	Enable Hard Loop ID
	Enable Host HBA BIOS
	Enable LIP Full Login
	Enable Target Reset
	Engineering Date Code
	Execution Throttle
	Firmware Version
	Flash Image Version
	Frame Size
	Hard Loop ID
	Host Name
	Interrupt Delay Timer
	LUNs Per Target
	Link Down Timeout
Login Retry Count	

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Loop Reset Delay
	Manufacturing Id
	Misc Information
	Model
	Node Name
	Operation Mode
	Out Of Order Frame Assembly
	Part Number
	Port Down Retry Count
	Port Id
	Port Name
	Port Number
	Port Type
	Product Identifier
	Serial Number
	Sub Device ID
	Sub Vendor ID
	Target Count
	Vendor ID
<b>Portal Data</b>	Initiator Version
	Portal Address
	Portal Port Num
<b>Power Budget</b>	Enable Power Capping
	Power Capping
<b>Power Headroom</b>	System Instatenous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
<b>Power Profile</b>	Active Power Controller
	Maximum Performance
	OS Control

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Custom
<b>Power Supply</b>	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
	Location
	Power Monitoring Capable
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Health Status
	Type
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
<b>Processes</b>	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
	<b>Processor</b>
Manufacturer	
Family	
Processor Brand	
Version	
Core Count	

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Current Speed
	Maximum Speed
	External Clock Speed
	Voltage
	State
	Status
	Occupied
	Health Status
<b>Processor Settings</b>	Description
	Value
<b>Procscsi</b>	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
<b>Pythonrpm</b>	Name
<b>QLOGIC iSCSI HBA</b>	Port instance
	Keep Alive TO
	Serial Number
	Execution Throttle
	AFW Delayed Acknowledgment
	iSCSI Name
	Subnet Mask
	IP ARP Redirect
	Large Frames
	TCP Nagle
	HBA Model
	Firmware Version
	Port ID
	iSCSI HBA
	IP Address
	Manufacturer
Driver Version	

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
<b>Remote Access</b>	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	SOL Enabled
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	MAC Address
	Enable VLAN ID
	VLAN ID
Priority	
<b>Remote Access Users</b>	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
<b>Removable Flash Media</b>	Redundancy Status
<b>SAS Adapter Card Manufacturer</b>	Adapter_ManufacturerDetails.VendorID
	Adapter_ManufacturerDetails.SubVendorID
	Adapter_ManufacturerDetails.DeviceID
	Adapter_ManufacturerDetails.SubDeviceID
<b>SAS Adapter</b>	ID
	Name
	Description
	Firmware Version
	Driver Version
	Model
	Location
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	BGI Rate
	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
<b>SATA Disks</b>	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Health Status
	Failure Predicted
	State
<b>SATA Settings</b>	Description
	Value
<b>SATA/IDE Controller</b>	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
<b>Screen Attribute</b>	Name
	Value
<b>SCSI Channel</b>	Name
	State
	Connector Type
	Status
	Health Status
<b>SCSI Controller</b>	ID
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
<b>Serial Communication</b>	Settings
	Attribute
<b>Serial Over LAN Configuration</b>	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Baud Rate
<b>Serial Port Configuration</b>	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
<b>Server</b>	Architecture
	Dell HitKit Installed
	Dell HitKit Version
	Hostname
	Kernel Data
	Kernel Date
	Kernel Release
	Make
	Model
	Operating System
	Release
	Service Tag
	System Date
	UUID
<b>Services</b>	State
<b>Session Connection Data</b>	Target Portal
<b>Session Device Data</b>	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
<b>Slot</b>	ID

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Slot ID
	Type
	Slot Length
	Speed
	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
	Adapter Manufacturer
Adapter Description	
<b>Slot Disablement</b>	Description
	Value
<b>Slots Dependency</b>	Slot Index
	Primary Key
<b>Storage Volumes</b>	File System
	Size
	Used Space
	Available Space
	Used Percentage
	Mounted
<b>Subnets Excluded</b>	IP Subnet
<b>Subnets Included</b>	IP Subnet
<b>System Information</b>	Description
	Value
<b>System Profile Settings</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>Tape Drive</b>	Name
	Firmware Version
	Description

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Status
	Health Status
<b>Tape Drive Characteristics</b>	Name
	Value
<b>Target Name</b>	Name
	Current Portal
	Persistent Portal
	Iface Name
	Iface Initiator name
	Iface IP address
	iSCSI Connection State
	iSCSI Session State
<b>Temperatures</b>	Status
	Health Status
	State
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	ID
	Name
<b>Turbo Mode</b>	Technology
	Capabled
	Enabled
<b>UEFI Boot Settings</b>	Description
	Value
<b>Bus</b>	Bus
	Device
	ID
	Device Class

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
<b>USB Controller Information</b>	Controller Information
	Serial Number
<b>USB Storage</b>	Name
	Value
<b>USB Root Hub</b>	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
<b>USB Device</b>	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	

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	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
<b>Virtual Disk</b>	Name
	Progress
	T10 Protection Information Capable
	Size
	Layout
	State
	Status
	Health Status
	Device Name
	Bus Protocol
	Media Type
	Cache Policy
	Disk Cache Policy
	Read Policy
	Stripe Element Size
	Write Policy
	Controller ID
	Virtual Disk ID
<b>Validate Processor</b>	External Name
	Is Occupied

**Table 7. Attributes Server running Linux (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Validation</b>	Model
<b>Virtualization Technology(VT)</b>	Technology
	Capable
	Enabled
<b>Voltages</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
<b>Battery</b>	Probe Name
	Reading
	Status
	Health Status
<b>Controller Battery</b>	Slot Number
	Name
	Predicted Capacity Status
	Learn State
	Next Learn Time
	Maximum Learn Delay
	State
	Health Status
	Status
	Learn Mode
	Recharge Count
	Maximum Recharge Count
<b>Enclosure Fan</b>	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number

**Table 7. Attributes Server running Linux (continued)**

Category	Attribute Name
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
	Health Status

# Items reported from servers running ESX - Consulting, Deployment, System Maintenance

**Table 8. Attributes for Server running ESX**

Category	Attribute Name
Adapter Detail	Adapter Detail
64-bit Support	Technology
	Capable
	Enabled
Adapter	Name
	Driver Name
	Driver Version
	Firmware Version
	Make
	Model
	PCI
	MAC Address
	Link
	Speed
	MTU
	Duplex
	Auto Negotiate
	RX
	TX
	RX Check Summing
	TX Check Summing
	Scatter Gather
	TCP Segmentation Offload
	UDP Fragmentation Offload
	Generic Segmentation Offload
	TCP/IP Large Receive Offload
	iSCSI Enabled
	Vendor ID
	Device ID

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Sub Vendor ID
	Sub Device ID
	vSwitch
	Type
<b>Additional Information</b>	Name
	Version
<b>Amperage</b>	Location
	Reading
<b>Array Disks</b>	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
	Address
	Negotiated Speed
Product ID	
Manufactured Year	

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Manufactured Week
	Manufactured Day
	Sector Size
<b>Auto Recovery</b>	Action On Hung Operating System Detection
	System Reset Timer
<b>BIOS</b>	Manufacturer
	Version
	Release Date
<b>BIOS Boot Settings</b>	Description
	Value
<b>Boot GRUB List</b>	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
<b>Boot List</b>	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
<b>Boot Menu List</b>	Name
	Value
<b>Boot Settings</b>	Description
	Value
<b>Card Manufacturer</b>	Device ID
	Sub Device ID
	Sub Vendor ID
	Vendor ID
<b>Channel</b>	Name
	Device Location
	Parent Location

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Manufacturer
	Connector Type
	Health Status
	Status
<b>Component Details</b>	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
<b>Connector</b>	Name
	Status
	Description
	Location
	Class
	Health Status
<b>Controller</b>	ID
	Name
	Firmware Version
	Driver Version
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate
	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	

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Persistent Hot Spare
	Cache Cade 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
<b>Controller Dependency</b>	Controller ID
<b>CPU Details</b>	Cache1 Maximum Size
	Cache2 Maximum Size
	Cache3 Maximum Size
	Cache1 Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Location
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Location
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Size
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Cache3 Location
	Cache3 Type
	Cache3 Level
	Cache3 Status
<b>Custom Attribute</b>	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
<b>Data Store</b>	Block Size
	Capacity
	Committed
	Extents
	Free Space
	Name
	Provisioned
	Remote Host
	Type
	VM Count
	VMFS Version
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching(DBS)</b>	Technology
	Capable
	Enabled
<b>Device Map List</b>	Name
	Value
<b>Devices /Lun Details</b>	Target
	Product ID
	Product Vendor
	Product Type
	Port ID
	Serial Number
	Lun Count
	Status
<b>Disk Usage</b>	File System
	Size
	Used
	Available

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Use
	Mounted On
<b>Display</b>	Name
	Value
<b>DRAC Information</b>	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
<b>Driver Modprobe Configuration</b>	Command
	Module Name
	Options
<b>Driver Settings</b>	Link
	HBA Instance
<b>Drivers</b>	Name
	Module Path
<b>Drivers Loaded Module</b>	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
<b>Enclosure</b>	ID
	Name
	State
	Status
	Health Status
	Connector
	Firmware Version
	Service Tag
	Asset Tag
	Asset Name
	Target ID
	Split Bus Part Number
	Express Service Code
	Address
	Alarm

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Configuration
<b>Enclosure EMM</b>	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
<b>Environment Variable</b>	Variables
	Variable Value
<b>Execute Disable(XD)</b>	Technology
	Capable
	Enabled
<b>Extent</b>	Canonical Name
	Model
	Multipath Policy
	Path Count
	Path Runtime Name
	Path Target
	UUID
Vendor	
<b>External Enclosure</b>	Controller ID
	ID
<b>Fan</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
Health Status	
<b>Fan Redundancy</b>	Redundancy Status
<b>FC Adapter</b>	CLI Software Installed
	CLI Software Version
	Number of FC HBA Connected to Host
	Manufacturer
<b>Fiber Channel Controller</b>	Name
	Host WWN

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
<b>Fiber Channel HBA Port</b>	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
<b>Firmware</b>	Name
<b>Front Panel</b>	Version
	NMI Button
<b>FRU</b>	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
<b>General</b>	Attribute
	Settings
<b>Group Binding</b>	Bind by World Wide Port Name
	Bind by Port ID
<b>Group Persistent</b>	Present and New Targets
	Present Targets
<b>Hardware Log</b>	Description
	Date And Time
	Severity
	Health Status
	Raw SEL Data
<b>Hardware Performance</b>	Probe Name
	Status

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Cause
<b>Host Service</b>	Name
	Startup Policy
	Status
<b>Hyper Threading(HT)</b>	Technology
	Capable
	Enabled
<b>Installed Applications</b>	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
<b>Integrated Devices</b>	Description
	Value
<b>Interface Member</b>	Physical Interface
	Team Interface
<b>Intrusion</b>	Probe Name
	State
	Status
	Health Status
<b>IO Ranges</b>	Address Range
	Device
<b>IPv6 Details</b>	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
<b>IRQ</b>	IRQ Number
	INterruptsPerCPU
	Type
	Device
<b>iSCSI Disk</b>	Disk
	Path Selection Policy

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Storage Array Type
<b>iSCSI File System</b>	Partition Name
	File System Path
	VMFS UUID
	VMFS Extent
	VMFS Volume
<b>iSCSI Initiator</b>	Adapter Name
	Vmknfc
	Adapter Driver
	Link State
	Delayed Ack Status
	Adapter Unique Identifier
	Login Timeout
	Logout Timeout
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
	<b>iSCSI Path</b>
Adapter	
Target	
Lun	
Status	
Preferred	
<b>iSCSI Session Data</b>	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State
<b>Kernel Module Info</b>	File Name
	Id
	Loaded
	Name
	Option String
	Use Count

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Version
	VmkNIC
<b>Kernel NICs</b>	Port Group
	vSwitch
	IP Family
	IP Address
	Netmask
	Broadcast
	MAC Address
	MTU
	TSO MSS
	Enabled
	Type
	TOE
TSO	
<b>LCD Information</b>	Front Panel LCD Security Access
	Enable Remote Indication
<b>LCD Line Information</b>	Name
	Value
<b>Lun</b>	Lun
	Size
	Type
	OS Lun Name
	WWULN
<b>Main Chassis</b>	Chassis Lock
	Chassis Name
	Device System Id
	Express Service Code
	Flash Chassis Identify LED State
	Flash Chassis Identify LED Timeout value
	Fault LED Flash On Severity Level
	Host Name
	System Location
	Index
	Server Asset Tag
	Server Model
	Server Module Location

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Server Service Tag
	System Revision
	System Revision Name
<b>Media</b>	Vendor
	Type
	Part Number
	Speed
	Revision
	Serial Number
<b>Memory</b>	Device Name
	Size
	Speed
	Rank
	Failures
	Status
	Health Status
	Type
	Type Detail
<b>Memory Array</b>	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
<b>Memory List</b>	Memory ID
<b>Memory Operating Mode</b>	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
<b>Memory Redundancy</b>	Redundancy Status
	Failover State
	Redundancy Configuration
<b>Memory Settings</b>	Description
	Value

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Memory Usage</b>	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
<b>Miscellaneous Settings</b>	Description
	Value
<b>Modular Enclosure Information</b>	Product
	Description
	Version
	IP Address
	Chassis Service Tag
	Model
	IP Address Type
	IP Address Source
	Express Service Code
<b>Network</b>	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
	Firmware Version
	Maximum Transmission Unit

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	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
	Default IPv6 Gateway
	DHCPv6 Server

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	TOE Enabled
	Npar EP Enabled
	TOE Capable
<b>Network Adapter</b>	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
	Number Of Non iSCSI Interfaces
	Number Of iSCSI Interfaces

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Network DNS Configuration</b>	Name
	Value
<b>Network Host</b>	Name
	Value
<b>Network Interface Card</b>	Name
	IP Address
	MAC Address
	Virtual Machine Network
<b>Network List</b>	Device NIC Id
<b>Network Team Interface</b>	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	

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	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
	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
NIC Configuration	Channel Number
	Primary Network
	Failover Network
One-Time Boot	Description

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Value
<b>OpenManage</b>	Version
	Item
<b>Operating System</b>	OS Name
	Version
	System Name
	Install Date
<b>Optical Device</b>	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
<b>Partition</b>	Name
	Capacity
	Free
	Used
<b>PCIe SSD Extender</b>	Name
	State
	Health Status
<b>Peak Statistics</b>	Statistics
	Measurement Start Time
	Peak Time
	Reading
<b>Port</b>	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
	Actual Connection Mode
	Actual Data Rate

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	BIOS Version
	Connection Option
	Data Rate
	Description
	Device ID
	Driver Version
	Enable FC Tape Support
	Enable Hard Loop ID
	Enable Host HBA BIOS
	Enable LIP Full Login
	Enable Target Reset
	Engineering Date Code
	Execution Throttle
	Firmware Version
	Flash Image Version
	Frame Size
	Hard Loop ID
	Host Name
	Interrupt Delay Timer
	LUNs Per Target
	Link Down Timeout
	Login Retry Count
	Loop Reset Delay
	Manufacturing Id
	Misc Information
	Model
	Node Name
	Operation Mode
	Out Of Order Frame Assembly
	Part Number
	Port Down Retry Count
	Port Id
	Port Name
	Port Number
	Product Identifier
	Serial Number
	Sub Device ID

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Sub Vendor ID
	Target Count
	Vendor ID
<b>Port Group</b>	Assigned VMs
	DHCP
	Device Name
	IP Address
	MAC Address
	MTU
	Name
	Subnet Mask
	Teaming Policy
	Uplinks
	Used Ports
	VLAN ID
<b>Portal Data</b>	Initiator Version
	Portal Address
	Portal Port Num
<b>Power Budget</b>	Enable Power Capping
	Power Capping
<b>Power Headroom</b>	System Instantaneous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
<b>Power Profile</b>	Active Power Controller
	Maximum Performance
	OS Control
	Custom
<b>Power Supply</b>	Location
	Power Monitoring Capable
	Rated Input Wattage

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Maximum Output Wattage
	Firmware Version
	Online Status
	Status
	Health Status
	Type
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
<b>Processes</b>	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
<b>Processor</b>	Connector Name
	Manufacturer
	Family
	Processor Brand
	Version
	Core Count
	Current Speed
	Maximum Speed
	External Clock Speed
	Voltage
	State
	Status
	Occupied
	Health Status
<b>Processor Settings</b>	Description

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Value
<b>Procscsi</b>	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
<b>Raw Device Mapping</b>	Compatibility Mode
	Vendor
	Model
	Canonical Name
	UUID
	Multipath Policy
	Path Count
	Path Run Time Name
Path Target	
<b>Remote Access</b>	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	SOL Enabled
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	MAC Address
	Enable VLAN ID
	VLAN ID
	Priority
<b>Remote Access Users</b>	User ID
	State
	User Name

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
<b>Removable Flash Media</b>	Redundancy Status
<b>SAS Adapter Card Manufacturer</b>	Adapter_ManufacturerDetails.VendorID
	Adapter_ManufacturerDetails.SubVendorID
	Adapter_ManufacturerDetails.DeviceID
	Adapter_ManufacturerDetails.SubDeviceID
<b>SAS Adapter</b>	ID
	Name
	Description
	Firmware Version
	Driver Version
	Model
	Location
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate
	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
	Cache Cade Capable
	Encryption Capable
	Encryption Key Present
	Spin Down Unconfigured Drives
	Spin Down Hot Spares

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	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
<b>SATA Disks</b>	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
<b>SATA Settings</b>	Description
	Value
<b>SATA/IDE Controller</b>	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
<b>Screen Attribute</b>	Name

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Value
<b>SCSI Adapter</b>	Controller Name
	Controller Type
	Controller Position
<b>SCSI Channel</b>	Name
	State
	Connector Type
	Status
	Health Status
<b>SCSI Controller</b>	ID
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
<b>SCSI LUN</b>	Device Name
	UUID
	Vendor
	Model
	Canonical Name
	Capacity (GB)
	Policy
	Path Count
	Path Runtime Name
	Path Target
<b>Serial Communication</b>	Attribute
	Settings
<b>Serial Over LAN Configuration</b>	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
Baud Rate	
<b>Serial Port Configuration</b>	Channel Number

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	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
<b>Server</b>	Service Tag
	Model
	OS Name
	CPU Capacity
	CPU Cores
	CPU Cores Speed
	CPU Free
	CPU Sockets
	CPU Used
	Current EVC Mode Key
	Data Stores
	Dell MEM Installed
	Dell MEM Version
	Fibre Channel Present
	Host Bus Adapters
	Host Name
	License
	License Expiration
	Maintenance Mode
	Make
	Maximum EVC Mode Key
	Memory Capacity
	Memory Free
	Memory Used
	Network Adapters
OS Version	

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Overall Status
	Power State
	Processor Type
	Reboot Required
	Software iSCSI Enabled
	Update Version
<b>Services</b>	Services
	State
<b>Session Connection Data</b>	Target Portal
<b>Session Device Data</b>	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
<b>Slot</b>	ID
	Slot ID
	Type
	Slot Length
	Speed
	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
	Adapter Manufacturer
	Adapter Description
<b>Slot Disablement</b>	Description
	Value
<b>Slots Dependency</b>	Slot Index
	Primary Key
<b>System Information</b>	Description
	Value
<b>System Profile Settings</b>	Description

**Table 8. Attributes for Server running ESX (continued)**

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

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Manufacturer
	Product
	Serial
	Version
<b>USB Controller Information</b>	Controller Information
	Serial Number
<b>USB Device</b>	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 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
<b>USB Root Hub</b>	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
<b>USB Storage</b>	Name
	Value
<b>VAAI Configuration</b>	Hardware Accelerated Move
	Hardware Accelerated Init
	Hardware Accelerated Locking
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted
	Hot Spare Policy Violated
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
	Virtual Disk
	Write Policy
Health Status	

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Controller ID
	Virtual Disk ID
<b>Virtual Machine</b>	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
<b>Virtualization Technology(VT)</b>	Technology
	Capable
	Enabled
<b>VMWare Advanced Logs</b>	Advanced Log File Path
<b>Voltages</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
<b>vSwitch</b>	Name
	Number of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks

**Table 8. Attributes for Server running ESX (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Teaming Policy
	Active Adapters
	Standby Adapters
	Unused Adapters
	ISCSI
<b>Battery</b>	Attributes
	Probe Name
	Reading
	Status
	Health Status
<b>Controller Battery</b>	Slot Number
	Name
	Predicted Capacity Status
	Learn State
	Next Learn Time
	Maximum Learn Delay
	State
	Health Status
	Status
	Learn Mode
	Recharge Count
	Maximum Recharge Count
<b>Enclosure Fan</b>	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	ID
	Maximum Failure Threshold
	Maximum Warning Threshold

**Table 8. Attributes for Server running ESX (continued)**

Category	Attribute Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
	Health Status

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

**Table 9. Attributes for Server running ESXi**

Category	Attribute Name
<b>64-bit Support</b>	Technology
	Capable
	Enabled
<b>Adapter</b>	Driver Name
	Driver Version
	Duplex
	Link
	MAC Address
	MTU
	Make
	Model
	Name
	PCI
	Speed
	Auto Negotiate
	Device ID
	Firmware Version
	Generic Segmentation Offload
	iSCSI Enabled
	Rx
	Rx Check Summing
	Scatter Gather
	Sub Device Id
	Sub Vendor Id
	TCP Segmentation Offload
	TCP iplro enabled
	Tx
	Tx Check Summing
	UDP Fragmentation Offload

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	vSwitch
	Vendor ID
<b>Adapter Setting</b>	Name
	Current
	Default
	Min
	Max
	Settable
	Inherit
<b>Additional Information</b>	Name
	Version
<b>Amperage</b>	Location
	Reading
<b>Auto Recovery</b>	Action On Hung Operating System Detection
	System Reset Timer
<b>Battery</b>	Slot Number
	Name
	Predicted Capacity Status
	Learn State
	Next Learn Time
	Maximum Learn Delay
	State
	Health Status
	Status
	Learn Mode
	Recharge Count
	Maximum Recharge Count
<b>BIOS</b>	Manufacturer
	Version
	Release Date
<b>BIOS Boot Settings</b>	Description
	Value
<b>Bios Setup</b>	Attribute
	Settings
<b>Boot Settings</b>	Description
	Value
<b>Connector</b>	Name

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	State
	Connector Type
	Status
	Health Status
<b>Controller Dependency</b>	Controller ID
<b>CPU Details</b>	Cache1 Maximum Size
	Cache2 Maximum Size
	Cache1 Location
	Cache2 Location
	Cache3 Location
	Cache3 Maximum Size
	Cache1 Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Size
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
Cache3 Type	
Cache3 Level	
Cache3 Status	
<b>Custom Attributes</b>	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
<b>Datastore</b>	Block Size
	Capacity

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Committed
	Extents
	Free Space
	Name
	Provisioned
	Remote Host
	Type
	VM Count
	VMFS Version
<b>Debug Menu</b>	Description
	Value
<b>Demand Based Switching(DBS)</b>	Technology
	Capable
	Enabled
<b>Disk</b>	Name
	Display Name
	Size
	Multipath Plugin
	Vendor
	Model
	Status
	RDM
	Local
	Removable
	Thin Provisioning Status
	VAAI Status
<b>DRAC Information</b>	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
<b>Drivers</b>	Internal Name
	Dependent Modules
	Use Count
	Module Size
	Status

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>DV Switch Ports</b>	DV Port ID
	In Use
	Client
<b>DV Switch</b>	Name
	No of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
<b>Enclosure</b>	ID
	Name
	State
	PCIe SSD Extender
	Firmware Version
	Asset Name
	Health Status
<b>Enclosure EMM</b>	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
<b>Execute Disable(XD)</b>	Technology
	Capable
	Enabled
<b>extendeddid_ESXi</b>	OS Architecture
	Operating System Version
	OS Name
	OS Code
<b>ExtendedDID_OSDetail</b>	OS Name
	OS Code
<b>Extent</b>	OS Name
	OS Code
<b>External Enclosure</b>	Controller ID
	Connector ID
	ID
<b>Fan</b>	Probe Name

**Table 9. Attributes for Server running ESXi (continued)**

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

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Date And Time
	Description
	Raw SEL Data
<b>Hardware Performance</b>	Probe Name
	Status
	Cause
<b>HBA Onboard Setting</b>	Adapter Name
	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	
<b>Host</b>	CPU Capacity
	CPU Cores
	CPU Cores Speed
	CPU Free
	CPU Sockets
	CPU Used
	Current EVC Mode Key
	Datastores
	Dell MEM Installed
	Dell MEM Version
	Fibre Channel Present
	Host Bus Adapters
	Host Name

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	License
	License Expiration
	Maintenance Mode
	Make
	Maximum EVC Mode Key
	Memory Capacity
	Memory Free
	Memory Used
	Model
	Network Adapters
	OS Version
	Overall Status
	Power State
	Processor Type
	Reboot Required
	Service Tag
	Software iSCSI Enabled
Update Version	
<b>Host Adapter</b>	Adapter Name
	Driver
	Link State
	UID
	Description
	Rx Frames
	Tx Frames
<b>Host Service</b>	Name
	Startup Policy
	Status
<b>Hyper Threading(HT)</b>	Technology
	Capable
	Enabled
<b>Installed Applications</b>	Description
	Value
<b>Internal Dual SD Module Redundancy</b>	Redundancy Status
<b>Intrusion</b>	Status
	Probe Name
	State

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
<b>IPv4 Address</b>	Description
	IPv4 Address
	Subnet Mask
<b>IPv6 Address</b>	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
<b>IPv6 Details</b>	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
<b>IRQ</b>	IRQ Number
	Interrupts Per CPU
	Device
	Type
<b>iSCSI Adapter</b>	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	

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	iSCSI Offload Engine
<b>iSCSI Disk</b>	Disk
	Target
	Path Selection Policy
	Storage Array Type
<b>iSCSI Disk Detail</b>	Runtime Name
	Adapter
	Lun
	Status
	Preferred
<b>iSCSI File System</b>	Partition Name
	File System Path
	VMFS UUID
	VMFS Extent
	VMFS Volume
<b>iSCSI Initiator</b>	Adapter Name
	Vmknics
	Adapter Driver
	Link State
	Delayed Ack Status
	Adapter Unique Identifier
	Login Timeout
	Logout Timeout
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
	<b>iSCSI Path</b>
Adapter	
Target	
Lun	
Status	
Preferred	
<b>Kernel Module Info</b>	File Name
	Id
	Loaded
	Name

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Option String
	Use Count
	Version
<b>Kernel NICs</b>	mkNIC
	Port Group
	vSwitch
	IP Family
	IP Address
	Netmask
	Broadcast
	MAC Address
	MTU
	TSO MSS
	Enabled
	Type
	TOE
	TSO
<b>LCD Information</b>	Front Panel LCD Security Access
	Enable Remote Indication
<b>LCD Line Information</b>	Name
	Value
<b>Logical Network Portal</b>	Adapter Name
	VmkNIC
	MAC Address
	MAC Address Valid
	Compliant
<b>Main Chassis</b>	Server Model
	System Revision
	Flash Chassis Identify LED State
	Chassis Lock
	Server Service Tag
	Server Asset Tag
	Chassis Name
	Host Name
	Express Service Code
	Fault LED Flash On Severity Level
	System Revision Name

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	System Location
	Index
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
<b>MEM Kit</b>	Mem Kit Version
	Reconfig
	Table Update
	Total Sessions
	Volume Sessions
	Member Sessions
<b>Memory</b>	Size
	Device Name
	Status
	Speed
	Failures
	Type
	Health Status
	Type Detail
	Rank
<b>Memory Array</b>	Total Installed Capacity
	Total Installed Capacity Available To OS
	Installed Capacity (MB)
	ECC Type
	Location
	Use
	Total Maximum Capacity
	Maximum Capacity (MB)
	Slots Used
	Slots Available
	Failover State
	Redundancy Status
	Redundancy Configuration
<b>Memory Operating Mode</b>	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
<b>Memory Redundancy</b>	Redundancy Status

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Failover State
	Redundancy Configuration
<b>Memory Settings</b>	Description
	Value
<b>Miscellaneous Settings</b>	Description
	Value
<b>Modular Enclosure Information</b>	Model
	Chassis Service Tag
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	IP Address
<b>Network</b>	Current MAC Address
	Interface Description
	Interface Name
	Maximum Transmission Unit
	P 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

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	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
	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

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Administrative Status
	Vendor
	Transmitted Multicast Packets
	Prefix Length
	Transmitted Excessive Collisions
	Name
<b>Network Adapter</b>	Number Of Non iSCSI Interfaces
	Number Of iSCSI Interfaces
<b>Network Interface Card</b>	Name
	IP Address
	MAC Address
	Virtual Machine Network
<b>Network List</b>	Device NIC Id
<b>Network Portal</b>	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
	Noncompliant Remedy
	Switch
<b>Network Team Interface</b>	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	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
	Prefix Length

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	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	
<b>Network Team List</b>	Vir NIC Id
<b>NIC Configuration</b>	Channel Number
	Primary Network
	Failover Network
<b>One-Time Boot</b>	Description
	Value
<b>OpenManage</b>	Version
	Path
<b>Operating System</b>	OS Name
	Version
	Install Date
	System Name
<b>Partition</b>	Name
	Capacity
	Free
	Used
<b>PCIe SSD Extender</b>	ame
	State
	Status
	Health Status
<b>Peak Statistics</b>	Statistics
	Measurement Start Time

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Peak Time
	Reading
<b>Physical Network Portal</b>	Adapter Name
	VmNIC
	MAC Address
	MAC Address Valid
	Current Speed
	Max Speed
	Max Frame Size
<b>Port</b>	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
<b>Port Group</b>	Assigned VMs
	DHCP
	Device Name
	IP Address
	MAC Address
	MTU
	Name
	Subnet Mask
	Teaming Policy
	Uplinks
	Used Ports
	VLANI D
	<b>Power Budget</b>
Power Capping	
<b>Power Headroom</b>	System Instantaneous Head Room
	System Peak Head Room
<b>Power Inventory</b>	System Idle Power
	System Maximum Potential Power
<b>Power Management</b>	Probe Name
	Reading
	Failure Threshold
	Warning Threshold

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Status
	Health Status
<b>Power Profile</b>	Active Power Controller
	Maximum Performance
	OS Control
	Custom
<b>Power Supply</b>	Location
	Type
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Power Monitoring Capable
	Status
	Health Status
<b>Power Supply Redundancy</b>	Redundancy Status
<b>Power Tracking Statistics</b>	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
<b>Processes</b>	Process Name
	Command
	WID
	ID
	PC ID
	State
	Wait
	CPU
	Time
<b>Processor</b>	Core Count
	Version
	Processor Brand
	Family
	Manufacturer
	Maximum Speed
	External Clock Speed
	Connector Name

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Current Speed
	State
	Status
	Voltages
	Occupied
<b>Processor Settings</b>	Description
	Value
<b>Raw Device Mapping</b>	Compatibility Mode
	Vendor
	Model
	Canonical Name
	UUID
	Multipath Policy
	Path Count
	Path Run Time Name
	Path Target
<b>Remote Access</b>	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
<b>Remote Access Users</b>	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	DRAC/iDRAC User Privilege
<b>Removable Flash Media</b>	Connector Name
	State
	Storage Size (MB)
	Status
	Health Status
<b>SAN Statistics</b>	Adapter Name
	Total Sessions
	Total Connections
	Login Request PDUs
	Login Response PDUs
	Logout Request PDUs
	Logout Response PDUs
<b>SATA Settings</b>	Description
	Value
<b>SCSI Adapter</b>	Controller Name
	Controller Type
	Controller Position
<b>SCSI LUN</b>	Device Name
	UUID
	Vendor
	Model
	Canonical Name
	Capacity (GB)
	Policy
	Path Count
	Path Runtime Name
	Path Target
<b>Serial Communication</b>	Attribute
	Settings
<b>Serial Over LAN Configuration</b>	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Baud Rate
<b>Serial Port Configuration</b>	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
<b>Server Detail</b>	Operating System Version
	Status
<b>Services</b>	Services
	State
<b>Slot</b>	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	
<b>Slot Disablement</b>	Description
	Value
<b>System Information</b>	Description

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Value
<b>System Profile Settings</b>	Description
	Value
<b>System Security</b>	Description
	Value
<b>Target Port</b>	Target Port Name
	Port Type
	Port Value
<b>Temperatures</b>	Probe Name
	Reading
	Minimum Warning Threshold
	Minimum Failure Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Status
	Health Status
<b>Turbo Mode</b>	Technology
	Capable
	Enabled
<b>UEFI Boot Settings</b>	Description
	Value
<b>VAAI Configuration</b>	Hardware Accelerated Move
	Hardware Accelerated Init
	Hardware Accelerated Locking
<b>VAAI Status</b>	Description
	VAAI Plugin Name
	ATS Status
	Clone Status
	Zero Status
	Delete Status
<b>Validate SMASH</b>	Caption
	Current Speed
	Chassis Model
<b>Validate OMSA Installation</b>	External Name
	Is Occupied
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Device Name
	Disk Cache Policy
	Layout
	Media Type
	Name
	Progress
	Read Policy
	Size
	State
	Status
	Stripe Element Size
	T10 Protection Information Status
	Virtual Disk
	Write Policy
	Health Status
	Controller ID
	Virtual Disk ID
<b>Virtual Machine</b>	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
<b>Virtualization Technology(VT)</b>	Technology
	Capable
	Enabled

**Table 9. Attributes for Server running ESXi (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>VMWare Advanced Logs</b>	Advanced Log File Path
<b>Voltages</b>	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
<b>vSwitch</b>	Name
	Number of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
	Teaming Policy
	Standby Adapters
	Active Adapters
	Unused Adapters
	ISCSI
	<b>Controller</b>
Alarm State	
Allow Revertible Hot Spare And Replace Member	
Auto Replace Member On Predictive Failure	
Automatic Disk Power Saving Idle C	
BGI Rate	
Cache Cade Capable	
Cache Memory Size	
Check Consistency Rate	
Controller	
Driver Version	
Encryption Capable	
Encryption Key Present	
Encryption Mode	
Firmware Version	
ID	
Load Balance	

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name	
	Name	
	Number Of Connectors	
	Number Of Extenders	
	Patrol Read Iterations	
	Patrol Read Mode	
	Patrol Read Rate	
	Patrol Read State	
	Persistent Hot Spare	
	Rebuild Rate	
	Reconstruct Rate	
	Slot ID	
	Spin Down Configured Drives	
	Spin Down Hot Spares	
	Spin Down Unconfigured Drives	
	State	
	Status	
	Storport Driver Version	
	T10 Protection Information Capable	
	Time Interval For Spin Down In Minutes	
		Health Status
<b>Battery</b>	Battery	
	Probe Name	
	Reading	
	Status	
		Health Status
<b>Server</b>	Model	
	Service Tag	
	Operating System	
	CPU Capacity	
	CPU Cores	
	CPU Cores Speed	
	CPU Free	
	CPU Sockets	
	CPU Used	
	Current EVC Mode Key	
	Datastores	
		Dell MEM Installed

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Dell MEM Version
	Fibre Channel Present
	Host Bus Adapters
	Host Name
	License
	License Expiration
	Maintenance Mode
	Make
	Maximum EVC Mode Key
	Memory Capacity
	Memory Free
	Memory Used
	Model
	Network Adapters
	OS Version
	Overall Status
	Power State
	Processor Type
	Reboot Required
	Software iSCSI Enabled
	Update Version
<b>No Execute</b>	Capable
	Enabled
	Technology
<b>Non iSCSI VM NIC</b>	Auto Negotiate
	Device Id
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	Generic Segmentation Offload
	Link
	MAC Address
	MTU
	Make
	Model
	Name

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Non iSCSI VMNIC
	PCI
	RX
	RX Check Summing
	Scatter Gather
	Speed
	Sub Device Id
	Sub Vendor Id
	TCP/IP Large Receive Offload
	TCP Segmentation Offload
	TX
	TX Check Summing
	UDP Fragmentation Offload
	Vendor Id
<b>iSCSI VM NIC</b>	Auto Negotiate
	Device Id
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	Generic Segmentation Offload
	Link
	MAC Address
	MTU
	Make
	Model
	Name
	PCI
	RX
	RX Check Summing
	Scatter Gather
	Speed
	Sub Device Id
	Sub Vendor Id
	TCP/IP Large Receive Offload
	TCP Segmentation Offload
	TX

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	TX Check Summing
	UDP Fragmentation Offload
	Vendor Id
	iSCSI VMNIC
<b>Enclosure Fan</b>	Enclosure Fan
	Name
	Part Number
	Speed
	State
	Status
	Health Status
<b>Enclosure Power Supply</b>	Enclosure Power Supply
	Firmware Version
	Name
	Part Number
	State
	Status
	Health Status
<b>Enclosure Temperature</b>	Enclosure Temperature
	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
	Health Status
<b>Array Disks</b>	Array Disk
	Available RAID Disk Space
	Bus Protocol
	Capable Speed
	Capacity
	Certified
	Connector
	Device Name

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	Device Protocol
	Driver Version
	Encrypted
	Encryption Capable
	Failure Predicted
	Hot Spare
	Manufacture Day
	Manufacture Week
	Manufacture Year
	Media Type
	Mirror Set ID
	Model Number
	Name
	Negotiated Speed
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Part Number
	Power Status
	Product ID
	Progress
	Remaining Rated Write Endurance
	Revision
	SAS Address
	Sector Size
	Serial No
	State
	Status
	T10PI Capable
	Used RAID Disk Space
	Vendor
	Health Status
	Slot Number
	Name
	Predicted Capacity Status
	Learn State
	Next Learn Time
	Maximum Learn Delay

**Table 9. Attributes for Server running ESXi (continued)**

Category	Attribute Name
	State
	Health Status
	Status
	Learn Mode
	Recharge Count
	Maximum Recharge Count

# Items reported from storage devices

## Topics:

- EqualLogic storage arrays
- Storage Center or Compellent storage arrays
- PowerVault MD Series storage arrays

## EqualLogic storage arrays

Table 10. Attributes

Category	Attribute Name
<b>Access Rule</b>	Host Rule Association
	Description
	Rule Name
	Rule Type
	Rule Type Description
	Volume Association
<b>Appliance</b>	Type
	Name
	State
	Management IP Address
	Admin Status
	Number Of Nodes
	Version
<b>Appliance Configuration</b>	CIFS Shared Access
	Configuration
	File Security Style
	NFS Export Trusted Users
	Read-Write Permission
<b>Appliance Network</b>	ID
	Status
	Block IP Address
	Block Netmask Address
	Type
	Service Tag
	VLAN Tag
	Admin State

**Table 10. Attributes (continued)**

Category	Attribute Name
	MTU Size
	Bonding Mode
	IP Address
<b>Appliance Node</b>	Name
	Index
	Admin Status
	Status
	Service Tag
	Vendor
	Model
	Version
	Peer Node Index
	Product Type
<b>Appliance Nodes Network</b>	Type
	ID
	IP Address
<b>Association EqualLogic</b>	Device Type
	Service Tag
	Serial Number
	Product Family
	IP Address
	Firmware Version
<b>Connections</b>	Initiator Name Connected From
	IP Address Connected To
<b>Controllers</b>	Controller Slot No
	Controller Boot ROM
	Controller Model
	Controller Software Version
	Controller Serial Number
	Controller Up Time
	Type
	Controller Boot Time
	NVRAM Battery
	Physical RAM (GB)
	Controller Battery Status
	Controller Role
	Member Name

**Table 10. Attributes (continued)**

Category	Attribute Name
	Controller CM Revision
<b>Deleted Volume</b>	Volume Due To Be Purged
	Volume Deleted Date
	IP Address
	Chap Users
	Initiator Names
	Volume Name
	Volume Permission
	Thin Provisioning
	Thin Growth Warning
	Snapshot Reserve
	Multi Access
	Thin Growth Maximum
	Thin Minimum Reserve
	Size (GB)
	Q Error Management
	Pool
	Number Of Connections
	Number Of Replicas
	Number Of Snapshots
	Volume Status
	Snapshot Space Borrow
	Sync Replication Status
	Volume Sync Status
	Is Volume Deleted
	ACL
	Raid Policy
	Sector Size
<b>Disks</b>	Member Name
	Serial Number
	Size (GB)
	Disk Number
	Model
	Firmware Revision
	Error
	Disk RPM
	Type

**Table 10. Attributes (continued)**

Category	Attribute Name
	State
	Self Encrypting
	Vendor
	Sector Size
<b>Group</b>	Group IP Address
	Group Name
	Management Gateway
	Management IP Address
	NTP Server Address List
	Alert Email List
	SMTP Server Address List
	Sys log Address List
	Time Zone
	Default Snapshot Delete Policy
	Default Snapshot Size
	Default Thin Max Growth
	Default Thin Warning Level
	Source Email Domain
	Email Support Contact
	Replication Window Size
	Default Thin Warning Level
	Source Email User Name
	Maximum Concurrent Replicas
	Volume In Use
	Group Fail Back Reserve
	Pool Space Reserved (GB)
	Virtual Volumes Count
	Virtual Volume Use
	Number Of Members
	Number Of Volumes
	Snapshot Reserve Space Free (GB)
	Number Of Connection
	Group Snapshots In Use
	Group Delegated Space Used (GB)
	Reserved Space In Use (MB)
	Group Free Space (GB)
Virtual Volume Online	

**Table 10. Attributes (continued)**

Category	Attribute Name
	Capacity (GB)
	Replication Reserve Space (GB)
	Unsecure Web Access
	CLI Telnet Access
	Single Sign On Status
	Volume Recovery Life Time
	Syslog Notify
	Web Access SSL Enabled
	Secure CLI Access
	Send Email Notifications
	Default Snapshot Space Borrow
	Single Sign On Registered Group Name
	Single Sign On Domain Name
	Delegated Space (GB)
	Performance Load Balancing
	Number Of Pools
	Management Network Enabled
	Compression Scan Frequency
	Default Sector Size
	Run Compression Scan
	Storage Container Volume Online
	Storage Container Volume Count
	Storage Container Space Reserved
	Storage Container Count
	Storage Container Snap Count
	Virtual Space Size
	Storage Container Compressed Space Used
	Replication Reserve In Use (GB)
	Total Number Of Snapshots
	Thin Provisioned Free Space (GB)
	VLAN ID
	Group Membership Password
	Replication Reserve Free Space (GB)
<b>Intra Array Connectivity Test</b>	Group Lead
	Source Group Lead Member Name
	Source Interface Name
	Source IP Address

**Table 10. Attributes (continued)**

Category	Attribute Name
	Source Port Role
	Destination Member Name
	Destination Interface Name
	Destination IP Address
	Destination Port Role
	Ping Test Result
<b>Member</b>	Health Warning Flags
	Health Critical Flags
	Member Name
	Gateway Address
	Member Version
	Capacity (GB)
	Free (GB)
	RAID Operation Percent Complete
	Serial Number
	Family Type
	Number Of Disks
	Service Tag
	Cache Mode
	Raid Status
	Lost RAID Blocks
	Status
	Raid
	Health Status
	Pool Name
	Compression Capable
	Compress Stack Storage
	Virtual Storage
	Chassis Disk Sector Size
<b>Network</b>	Default Gateway
	IP Address
	Interface
	Lldp Remote Chassis
	Lldp Remote Port Description
	Lldp Remote System Description
	Lldp Remote System Name
	Lldp State

**Table 10. Attributes (continued)**

Category	Attribute Name
	MAC Address
	MTU Size
	Net Mask
	Port Role
	Remote MAC Address
	Remote Management Address
	Speed (Gbps)
	Status
	In Errors
	Out Errors
	Retransmissions
<b>Network DCB</b>	Current DCB State
	Current PFC State
	Current ETS State
	Current CN State
	Priority4 Traffic Class Group
	PFC Enabled On Priority4
	Local System ETS Willing
	Remote System ETS Willing
	Local System PFC Willing
	DCB VLAN ID
	Current Operating Mode CE
	ETS Local Traffic Bandwidth
	ETS Remote Traffic Bandwidth
	FCoE TLV Received Value
	DCB iSCSI Priority
<b>Network Dependency</b>	Index
	IP Address
	Member Index
<b>Network SFP</b>	SFP Identifier
	SFP Mode
	SFP Part Number
	SFP Status
	SFP Vendor Name
	SFP Interface Index
	SFP Connector Type
	SFP Firmware Version

**Table 10. Attributes (continued)**

Category	Attribute Name
	SFP Date Code
	SFP Serial Number
	SFP Bit Rate (Gbps)
	SFP Length1 Meters
	SFP Length2 Meters
<b>Pool</b>	Pool Name
	Number Of Members
	Pool Capacity (GB)
	Default Flag
	Number Of Connections
	Number Of Volumes
	Pool Free Space (GB)
	Snap Shot Space Borrow
	Default Compression Min Snap Age
	Default Compression Strategy
	Storage Container Count
	Compressed Space Used
	Storage Container Space Reserved
	Storage Container Volume Count
	Storage Container Volume Online
Virtual Space Size	
Storage Container Snap Count	
Operation Status Compression	
<b>Replication Partner</b>	Name
	Received (MB)
	Received Used (MB)
	Outbound
	Delegated (MB)
	Delegated Used (MB)
	Bound Member Volumes
<b>Replication Schedules</b>	Name
	Interval
	Date Range
	Time Range
	Next Schedule
	Replication Partner Name
<b>San HQ</b>	Server Name

**Table 10. Attributes (continued)**

Category	Attribute Name
	Status
	Domain Name
	IP Address
	Last Accessed
	SupportAssist Last Accessed
	SupportAssist
<b>Volumes</b>	Volume Name
	Volume Due To Be Purged
	Volume Deleted Date
	IP Address
	Chap Users
	Initiator Names
	Volume Permission
	Thin Provisioning
	Thin Growth Warning
	Snapshot Reserve
	Multi Access
	Thin Growth Maximum
	Thin Minimum Reserve
	Size (GB)
	Que Error Management
	Pool
	Number Of Connections
	Number Of Replicas
	Number Of Snapshots
	Volume Status
	Snapshot Space Borrow
	Synchronization Replication Status
	Is Volume Synchronization Replicated
	Volume Synchronization Status
Is Volume Deleted	
ACL	
Raid Policy	
Sector Size	
<b>Volume Association</b>	Rule Type
	Volumes
<b>Volume Dependency</b>	Name

**Table 10. Attributes (continued)**

Category	Attribute Name
	Size
	Snapshots
	Status
	Connections
	Permission
	Type
<b>Synchronization-Replicated Volume</b>	Active Pool Name
	Alternate Pool Name
	Synchronization-Replicated Volumes
	Synchronization Replication Status
<b>Storage Container</b>	Container Name
	Description
	Logical Used
	Physical Used
	Lookup Name
	Logical Limit
	Physical Free
	Logical Free

## Storage Center or Compellent storage arrays

**Table 11. Storage Center (SC) / Compellent storage Array Attributes**

Category	Attribute Name
<b>Volume Folder</b>	Name
<b>Volume</b>	Disk Folder
	Index
	Name
	Replay Profile
	Serial Number
	Size
	Status
	Storage Profile
	Storage Type
	Active Space
	Device ID
	Free Size
	Host Cache Enabled

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	In Recycle Bin
	Live Volume Configured
	Mapped
	Destination Controller SSN
	Volume Folder Path
<b>Replay Profile</b>	Index
	Name
<b>Schedule</b>	Expiration
<b>Storage Profile</b>	Index
	Name
<b>Mapped Servers</b>	Name
<b>Mapping Details</b>	Controller Port
	LUN
	Read Only
	Server Port
	Status
	Type
	Controller SSN
	Operational State
	Server Folder Path
	Slot Port
<b>Volumes</b>	Disk Folder
	Logical Size
	Name
	Storage Type
	Volume Type
<b>Server Info</b>	Active Controller
	Cluster
	Connectivity
	Index
	Name
	Operating System
	Type
	Connectivity Alert Status
	Partial Connectivity Alert
	Connectivity Alert
	Total HBAs

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	HBA Present
	Path Count
	Server Folder Path
	Mapped Volume Count
<b>Server HBAs</b>	Connected Controller Ports
	Connectivity
	Server Port
	Status
	Type
	iSCSI IPv4 Address
<b>Mapped Volumes</b>	Volume Name
<b>Server</b>	Server
<b>Server Folder</b>	Name
<b>Qos Definition</b>	Destination Maximum Number of IOs
	Destination Maximum Number of Sectors
	Global Maximum Number of IOs
	Global Maximum Number of Sectors
	Global Maximum Sectors Per IO
	IOs Per Second
	KBs Per Second
	Link Speed
	Maximum IO Per Queue
	Maximum Sectors Per Queue
	Minimum Percent Limit
	Name
<b>Remote Volumes</b>	Disk Index
	Name
	Size
	Type
	Remote Volume Index
	Serial Number
<b>Storage Center</b>	Allow Asynchronous Replication
	Connection Status
	Name
	Serial No
	Type
<b>Alert</b>	Active Controller

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	Category
	Controller Index
	Create Time
	Message
	Modify Time
	Name
	Root Cause Object
	Status
	Type
<b>License</b>	Enabled
	Expire Date
	Feature
<b>Controller</b>	Domain Name
	Eth0 Gateway
	Eth0 NetMask
	IP Address
	Last Boot Time
	Leader
	Local Port Condition
	Memory
	Model
	Name
	Primary DNS Server
	Secondary DNS Server
	Serial Number
	Service Tag
	Status
Version	
<b>Fan</b>	Name
	Status
<b>Power Supply</b>	AC Lost
	Failure
	Name
	Present
	AC Failure
	DC Failure
	DC Ovr Volt

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	DC Undr Volt
	High Temp Fail
	High Temp Warns
	Name
	Position
	Status
	Swap Detected
<b>Cache Card</b>	Cache size
	Firmware Version
	Model
	Service date
	Status
	Write Cache Enabled
<b>iSCSI IO Card</b>	Description
	Fault Domain
	IP Address
	Mac Address
	Name
	Port Number
	Purpose
	Slot
	Slot Port
	Slot Type
	Speed
	Status
	World Wide Name
	iSCSI Name
	iSCSI Target Alias
	Jumbo Frame
	Total Data Errors
	Total Received Frames
Received Paused Frames	
iSCSI FD Control Group IP	
<b>SAS IO Card</b>	Description
	Fault Domain
	Name
	Purpose

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	Slot
	Slot Port
	Slot Type
	Status
	World Wide Name
<b>FC IO Card</b>	Description
	Device Type
	Fault Domain
	Mac Address
	Name
	Slot
	Slot Port
	Slot Type
	Speed
	Status
	World Wide Name
<b>iSCSI Virtual Port</b>	Current Physical Port
	Fault Domain
	Name
	Slot Type
	Status
	World Wide Name
	iSCSI Name
	Current Physical Port
	Preferred Physical Port
	Controller
<b>FC Virtual Port</b>	Current Physical Port
	Fault Domain
	Status
	Transport Type
	World Wide Name
	Current Physical Port
	Preferred Physical Port
<b>NTP Server</b>	Current Time
	Current Time Stamp
	DST Offset
	DST Offset Sign

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	Day
	Daylight
	Generate Zone Indication
	Hour
	Minute
	Month
	SDT Offset
	SDT Offset Sign
	Second
	Status
	Status Change Time
	Year
	Zone
<b>DCBx</b>	Current DCB State
	Current ETS State
	Current PFC State
	DCB App Default Vlan
	DCB App ISCSI Vlan
	DCB Default Priority
	DCB iSCSI Priority
	ETS Bandwidth Received
	LLDP Internal State
	PFC Enabled On Priority3
	PFC Enabled On Priority4
	Port
	Slot
	Traffic Class Group
	Transmission Selection Algorithm O ETS
<b>Fault Domain</b>	Fault Domain Type
	Gateway IPv4 Address
	Index
	MTU
	Name
	SubNet Mask
	Target IPv4 Address
	Transport Type
	VLAN ID

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	iSCSI Name
	iSCSI Transport Mode
	iSCSI FD Target IPv4 Address
<b>Physical Port</b>	Controller
	Description
	Fault Domain
	Gateway Ipv4 Address
	Ipv4 Address
	Name
	Purpose
	Slot
	Slot Port
	Speed
	Status
	Subnet Mask
	World Wide Name
	iSCSI Name
<b>Virtual Port</b>	Controller
	Current Physical Port
	Name
	Preferred Physical Port
<b>Storage</b>	Storage
<b>System</b>	Management IP
	Name
	Read Cache Setting
	Read Cache Status
	Storage Center Id
	Write Cache Setting
	Write Cache Status
<b>Enclosure</b>	Aside Firmware
	Bside Firmware
	Critical Condition
	Logical Id
	Model
	Name
	Non Critical Condition
	Revision

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	Shelf Id
	Unrecoverable Condition
	Enclosure Type
	Service Tag
<b>IO Module</b>	Name
	Phy Lane Status
	Position
	Status
	Swap Detected
<b>Disk</b>	ByPassA Side
	ByPassB Side
	Enclosure
	Fault Sensed
	Indicator
	Position
	Product
	Status
	Swap Detected
	Vendor
	Disk
	Speed
<b>Disks Folder</b>	Name
<b>Drive</b>	Actual Capacity
	Bad Block Count
	Classification
	Control Type
	Enclosure
	Folder
	Free Space
	Health
	Index
	Path Alert
	Position
	Product
	Revision
	Serial Number
	Status

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	System Allocated Blocks
	Total Block Count
	Type
	Unallocated Block Count
	User Allocated Blocks
	Vendor
	Vendor Specification
<b>iDRAC Setting</b>	iDRAC IP Address
	iDRAC Netmask
	iDRAC Gateway
	BIOS Vendor
	BIOS Major Version
	BIOS Minor Version
	iDRAC Firmware Version Number Previous
	iDRAC Firmware Version Number Current
	iDRAC Firmware Major
	iDRAC Firmware Minor
<b>Tiers</b>	Available Disk Space
	Allocated Disk Space
	Free Disk Space
	Used Disk Space
<b>RAID</b>	Index
	Name
	Volume Allocated
	Volume Used
	Disk Allocated
	Disk Used
	Redundant Type
	Disk Track
	RAID Extent Count
	Class Disk Count
	Extent Disk Class Percent
	Raid Device Degraded
	Raid Rebuild Status
<b>Physical Server</b>	Index
	Name
	Type

**Table 11. Storage Center (SC) / Compellent storage Array Attributes (continued)**

Category	Attribute Name
	Operating System
	Connectivity
	Cluster
	Physical Or Virtual
	Connectivity Alert Status
	Connectivity Alert
	Partial Connectivity Alert
	HBA Present
	Total HBAs
	Mapped Volume Count
	Active Controller
	Server Folder Path
	Active Path Count
	Path Count
	Connected To All Controllers
<b>Cluster</b>	Index
	Name
	Server folder
<b>Storage Center</b>	Name
	Type
	Connection Status
	Allow Asynchronous Replication
	Serial Number
	Access Level
	Operation Status

## PowerVault MD Series storage arrays

**Table 12. PowerVault MD Series storage array logs**

Category	Attribute Name
<b>Cache Back Up Device</b>	Capacity
	Date Of Manufacture
	Location
	Manufacturer
	Part Number
	Product ID
	Revision Level

**Table 12. PowerVault MD Series storage array logs (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Serial Number
	Status
	Type
<b>Disk Group</b>	Capacity
	Current Owner
	Enclosure Loss Protection
	Physical Disk Type
	RAID Level
	Status
	Disk Group Spares
<b>Associated Disk</b>	Drawer
	Enclosure
	Mirrored Disk Enclosure
	Mirrored Disk Slot
	Slot
<b>Associated Virtual Disk</b>	Capacity
	Name
<b>Expansion Port</b>	Channel ID
	Current Data Rate
	Max Data Rate
	Port ID
	Status
<b>Host Interface Board</b>	Board Id
	Date Of Manufacture
	Location
	Number Of Ports
	Part Number
	Replacement Part Number
	Serial Number
	Status
	Type
	Vendor
<b>Emm</b>	Card Communication
	Current Data Rate In GBPS
	Firmware Version
	Location
	Status

**Table 12. PowerVault MD Series storage array logs (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Temperature Sensor</b>	Location
	Status
<b>Default Host Group</b>	Host Group Name
<b>Host On Default Host Group</b>	Alias
	CHAP Secret
	Host Name
	Host Type
	Initiator
	Interface Type
	Label
<b>Host Virtual Disk</b>	Capacity
	Current Owner
	Dynamic Cache Read Prefetch
	Enable Background Media Scan
	Enclosure Loss Protection
	Flush Write Cache After
	LUN
	Media Scan With Consistency Check
	Modification Priority
	Name
	Physical Disk Type
	Preferred Owner
	RAID Level
	Read Cache
	SSID
	Segment Size
	Virtual Disk Status
	Virtual Disk World Wide Identifier
	Write Cache
	Write Cache With Mirroring
	Write Cache With Out Batteries
Associated Disk Group	
<b>Host Thin Virtual Disk</b>	Capacity
	Current Owner
	Dynamic Cache Read Prefetch
	Enable Background Media Scan
	Enclosure Loss Protection

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	Flush Write Cache After
	LUN
	Media Scan With Consistency Check
	Modification Priority
	Name
	Preferred Owner
	RAID Level
	Read Cache
	SSID
	Segment Size
	Virtual Disk Status
	Virtual Disk World Wide Identifier
	Write Cache
	Write Cache With Mirroring
	Write Cache With Out Batteries
Associated Disk Group	
<b>Host Group</b>	Host Group Name
<b>Battery</b>	Age
	Date Of Manufacture
	Days Until Replacement
	Location
	Part Number
	Serial Number
	Status
	Vendor
<b>Host</b>	Alias
	CHAP Secret
	Initiator
	Interface Type
	Label
<b>Fan</b>	Location
	Status
<b>SFP</b>	Attached To
	Connector
	Data Rate
	IEEE ID
	Link Length

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	Location
	Manufacture Date
	Part Number
	Revision
	Serial Number
	Status
	Transmission
	Transmitter
	Vendor
<b>FC Host Port</b>	Channel
	Current Data Rate
	Current ID
	Data Rate Control
	Link Status
	Maximum Data Rate
	NL Port ID
	Part Type
	Preferred ID
	Topology
	World Wide Node Identifier
	World Wide Port Identifier
<b>Host Group Thin Virtual Disk</b>	Associated Disk Group
	Capacity
	Current Owner
	Dynamic Cache Read Prefetch
	Enable Background Media Scan
	Enclosure Loss Protection
	Flush Write Cache After
	LUN
	Media Scan With Consistency Check
	Modification Priority
	Name
	Preferred Owner
	RAID Level
	Read Cache
	SSID
Segment Size	

**Table 12. PowerVault MD Series storage array logs (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Virtual Disk Status
	Virtual Disk World Wide Identifier
	Write Cache
	Write Cache With Mirroring
	Write Cache With Out Batteries
<b>Power Supply</b>	Date Of Manufacture
	Location
	Serial Number
	Status
	Vendor
	Part Number
<b>Physical Disk</b>	Associated Disk Group
	Current Data Rate
	Date Of Manufacture
	Enclosure
	Firmware Version
	Interface Type
	Media Type
	Mode
	Product ID
	Raw Capacity
	Serial Number
	Slot
	Speed
	Status
	Usable Capacity
	Vendor
World Wide Identifier	
<b>Port Channel Connection</b>	Channel ID
	Port ID
<b>Accessible Host</b>	Host Name
	LUN
<b>iSCSI Host Port</b>	Current Port Speed
	Duplex Mode
	Duplicate Address Detection Transmit Count
	Hop Limit
	ICMP Ping Responses

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	IPV4
	IPV4 Gateway
	IPV4 IP Address
	IPV4 Network Configurations
	IPV4 Priority
	IPV4 Subnet Mask
	IPV4 VLAN ID
	IPV6
	IPV6 Auto Configuration
	IPV6 Configuration Status
	IPV6 Priority
	IPV6 Router IP Address
	Link Status
	Local IP Address
	MAC Address
	Max Port Speed
	Max Transmission Unit
	Port
	Reachable Time
	Retransmit Time
	Stale Timeout
	TCP Listening Port
	VLAN
	VLAN ID
	Jumbo Frames
	DHCP status
<b>V2 Hot Spare General Info</b>	List Virtual Disk Groups Not Protected
	Total Hot Spare Physical Disks
	Total In Use Hot Spare Disks
	Total Stand By Hot Spare Disks
<b>Storage</b>	Storage
<b>V2 Enclosure</b>	Current Physical Disk Type
	Enclosure ID
	Service Tag
	Chassis Name
<b>Controller</b>	Auto Id
	Enclosure

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	Firmware Version
	NVS RAM Version
	Product ID
	Slot
	Status
	Serial Number
<b>Ethernet Information</b>	Gateway
	IP Address
	MAC Address
	Network Configuration
	Port Number
	Status
	Subnet Mask
	Speed
	DHCP Status
<b>Data Cache</b>	Total Present
	Total Used
<b>General Section</b>	Cache Block Size
	Current Physical Disk Type
	Firmware Version
	NVS RAM Version
	Number Of Copies Allowed
	Number Of Copies Used
	Number Of Expansion Enclosures
	Number Of Expansion Enclosures Allowed
	Number Of Partitions Allowed
	Number Of Partitions Used
	Number Of Physical Disks
	Number Of Physical Disks Allowed
	Number Of Physical Disks Used
	Number Of Raid Controller Modules
	Number Of Replicated Pairs Allowed
	Number Of Replicated Pairs Used
	Number Of Replication Allowed
	Number Of Replication Group Allowed
Number Of Replication Group Used	

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	Number Of SFPs Detected
	Number Of Snap Shots Allowed
	Number Of Snap Shots Allowed Per Source Virtual Disk
	Number Of Snap Shots Used
	Number Of Standard Virtual Disks
	Number Of Thin Virtual Disks Allowed
	Number Of Thin Virtual Disks Used
	Number Of Virtual Disk Groups
	Number Of Virtual Disks Allowed
	Number Of Access Virtual Disks
	Percentage Start Cache Flushing
	Percentage Stop Cache Flushing
	Remote Replication Enabled
	Remote Replication Group Enabled
	Safe Store Physical Disk Security
	Security Key Identifier
	Snapshot Virtual Disks Enabled
	Solid State Disk Support
	Total Hot Spare Physical Disks
	Total In Use Hot Spare Physical Disks
	Total Stand By Hot Spare Physical Disks
	Total Virtual Disks Used
	Virtual Disk Copy Enabled
	World Wide Identifier
	Free Space
	Model
	Number Of Disk Pools
	Storage Capacity
<b>Processor Cache</b>	Total Present
<b>V2 ISCSI</b>	Chap Secret Defined
	Disallow UNNamed Discovery Sessions
	IPV4 Address
	IPV4 Configuration
	IPV6 Address
	ISNS Server Registration
	TCP Listening Port
	Target Alias

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	Target Authentication
	Target Name
<b>Host Port</b>	Channel ID
	Current Data Rate
	Max Data Rate
	Port ID
	Port Type
	Status
	WWN
<b>Local Virtual Disk Info</b>	Capacity
	Name
	Role
	Virtual Disk World Wide Identifier
<b>Remote Virtual Disk Info</b>	Capacity
	Name
	Remote Storage Array
	Role
	Virtual Disk World Wide Identifier
<b>Replicated Pairs</b>	Name
	State
	Write Mode
	Synchronization Priority
	Resynchronization
<b>Replicated Pairs &gt; Local Virtual Disk Information</b>	Name
	Role
	Capacity
	Virtual Disk World Wide Identifier
<b>Replicated Pairs &gt; Remote Virtual Disk Information</b>	Name
	Role
	Capacity
	Virtual Disk World Wide Identifier
<b>Virtual Disk</b>	Name
	Virtual Disk World Wide Identifier
	Capacity
	Read Cache
	Dynamic Cache Read Prefetch
	Enclosure Loss Protection

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
	Modification Priority
	Segment Size
	Virtual Disk Status
	RAID Level
	Write Cache
	Write Cache With Mirroring
	Write Cache Without Batteries
	Enable Background Media Scan
	Media Scan With Consistency Check
	Current Owner
	Preferred Owner
	SSID
	LUN
	Flush Write Cache After (Seconds)
	Physical Disk Type
	Associated Disk Group
<b>Default Group Virtual Disk</b>	Name
	Virtual Disk World Wide Identifier
	Capacity
	Read Cache
	Dynamic Cache Read Prefetch
	Enclosure Loss Protection
	Modification Priority
	Segment Size
	Virtual Disk Status
	RAID Level
	Write Cache
	Write Cache With Mirroring
	Write Cache Without Batteries
	Enable Background Media Scan
	Media Scan With Consistency Check
	Current Owner
	Preferred Owner
	SSID
	LUN
	Flush Write Cache After (Seconds)
	Physical Disk Type

**Table 12. PowerVault MD Series storage array logs (continued)**

Category	Attribute Name
<b>Host Group Virtual Disk</b>	Name
	Virtual Disk World Wide Identifier
	Capacity
	Read Cache
	Dynamic Cache Read Prefetch
	Enclosure Loss Protection
	Modification Priority
	Segment Size
	Virtual Disk Status
	RAID Level
	Write Cache
	Write Cache With Mirroring
	Write Cache Without Batteries
	Enable Background Media Scan
	Media Scan With Consistency Check
	Current Owner
	Preferred Owner
	SSID
	LUN
	Flush Write Cache After (Seconds)
Physical Disk Type	
Associated Disk Group	
<b>Disk Pool</b>	Name
	Size
	Status

# Items reported from networking devices

## Topics:

- Force10 or Networking
- PowerConnect or Networking
- Other supported networking devices

## Force10 or Networking

Table 13. Attributes

Category	Attribute Name
<b>Alarm Threshold Information</b>	Minor
	Minor Off
	Major
	Major Off
	Shutdown
<b>Configured Protocols</b>	Protocol
<b>CSP Info</b>	PE ID
	Tx PDU Sem Status
	Rx PDU Sem Status
	Local Req Sem Status
	Remote Req Sem Status
<b>Debug Information</b>	Protocol
	Status
<b>ETS Summary</b>	Interface Name
	ETS DCBx Operation Status
	Configuration TLV Tx Status
	Reco TLV Tx Status
<b>Fan</b>	Fan0 Status
	Fan1 Status
	Fan2 Status
	Fan3 Status
	Fan4 Status
	Fan5 Status
<b>Fan Status</b>	Unit
	Bay
	Tray Status

**Table 13. Attributes (continued)**

Category	Attribute Name
	Fan0
	Fan0 Speed
	Fan1
	Fan0 Speed
<b>Fan Tray</b>	Tray
	Status
	Speed
	Temperature
	Fan1 Status
	Fan2 Status
	Fan3 Status
	Fan4 Status
	Fan5 Status
	Fan6 Status
	Fan7 Status
	Fan8 Status
	Fan9 Status
<b>Interface</b>	Interface Name
	Unit Number
	Interface Status
	Line Protocol
	MTU
	IP MTU
	Line Speed
	Flowcontrol Rx
	Flowcontrol Tx
	SFP Receive Power
	Status
	Duplex
	Port Mode
	IP Address
	Edge Port
	BPDU Filter
	BPDU Guard
	Subnet Mask
	LLDP
	VLAN Mode

**Table 13. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Unicast Packets Received
	LLDP Advertisements Enabled
	Tagged VLANs
	Untagged VLANs
	VLAN
	Description
	Wave Length
	Media Type
	STP Edge Port
	Type
	Port Channel
	MAC Address
	<b>Inventory Information</b>
Type	
Part Number	
<b>Inventory Media Information Non Qualified</b>	Slot Number
	Port Number
	Media Type
	Media
	Serial Number
	Force10 Qualified
<b>LACP Information</b>	Port Channel Number
	Admin State
	Operational State
	Mode
	Actor System Priority
	Actor System Address
	Partner System Priority
	Partner System Address
	Actor Admin Key
	Operational Key
	Partner Operational Key
<b>LACP Port Channel</b>	LACP Indicator
	LAG
<b>LACP Port Counters Information</b>	Port Number
	Port State
	LACP State

**Table 13. Attributes (continued)**

Category	Attribute Name
	Port Mode
	Actor Admin State
	Actor System Admin Key
	Actor System Priority
	Port Operational State
	Port Operational Key
	Port Operational Priority
	LACP PDU Tx
	LACP PDU Rx
	Marker PDU Tx
	Marker PDU Rx
	Unknown Packets Rx
	Illegal Packets Rx
<b>Line</b>	Type
	Execution Timeout
<b>Major Alarm</b>	Alarm Type
	Duration
<b>Manufacturer Information</b>	Chassis Type
	Chassis Mode
	Chassis Epoch
	Chassis MAC Address
	Serial Number
	Part Number
	Vendor ID
	Date Code
	Country Code
	Product Revision
	Piece Part ID
	PPID Revision
	Service Tag
	Express Service Code
<b>Minor Alarm</b>	Alarm Type
	Duration
<b>Networking</b>	IP Address
	Make
	Update Switch Version
	Switch Name

**Table 13. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Host Name
	LLDP Status
	Hardware Revision
	Members
	Spanning Tree Status
	Stack Status
<b>NTP Association</b>	Remote IP Address
	Reference Clock
	Stratum
	When
	Polling Interval
	Reachability
	Delay
	Dispersion
<b>NTP Status</b>	Clock Synchronization
	Time
<b>Out Of Band Management Information</b>	Port
	IP Address
	Admin Status
	Link Status
	Gateway
	Subnet Mask
<b>PFC Summary</b>	Name
	PFC Admin
	PFC Remote Mode
	PFC DCBx Operational Status
	TLV Tx Status
	iSCSI TLV Tx Status
	Local iSCSI Priority Map
	Remote iSCSI Priority Map
	DCBx Operation Status
	Remote MAC Address
<b>Physical Address</b>	VLAN ID
	MAC Address
	Interface Name
	Vendor
<b>Port Channel</b>	Channel Group

**Table 13. Attributes (continued)**

Category	Attribute Name
	Description
	Ports
	MAC Address
	Mode
	MTU
	Admin Status
	Link Status
	VLAN Mode
	Tagged VLANs
	Untagged VLANs
	Edge Port
	BPDU Filter
	BPDU Guard
<b>Port Counters Information</b>	Port Number
	Port State
	LACP State
	Port Mode
	Actor Admin State
	Actor System Admin Key
	Actor System Priority
	Port Operational State
	Port Operational Key
	Port Operational Priority
	LACP PDU Tx
	LACP PDU Rx
	Marker PDU Tx
	Marker PDU Rx
	Unknown Packets Rx
	Illegal Packets Rx
<b>Port Extender</b>	Maximum Number Of Port Extender Units Allowed
	Current Number Of Port Extender Units In The System
<b>Port Extender Error Information</b>	Port Extender ID
	Port Extender MAC Address
	Port Extender Errors
<b>Port Extender ID Assigned</b>	Port Extender ID
	Status
	System MAC

**Table 13. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Up Time
	Discovery Status
	User Configured Cascade Ports
	Cascade LAG
	Cascade Local Status
	Cascade Remote Status
	Port Extender Configuration Local Status
	Port Extender Configuration Remote Status
<b>Power Supply</b>	Bay
	Status
<b>Power Supply Port Extender</b>	Unit
	Bay
	Status
	Type
	Fan Status
	Fan Speed
<b>Protocol Information</b>	SSH
	Telnet
	RIP Status
	RIP Version
<b>Redundancy Information</b>	Management ID
	Port Extender ID
	Port Extender Redundancy Role
	Port Extender State
	Port Extender Software Version
	Link to Peer
	Peer Port Extender
	Primary Port Extender
	Auto Data Synchronization
	Failover Type
	Auto Reboot Port Extender
	Auto Failover Limit
	Failover Count
	Last Failover Timestamp
	Last Failover Reason
	Last Failover Type
<b>Security Information</b>	SNMP Notification

**Table 13. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Logging FTP server
	Enable Secret
<b>SFM Card Information</b>	SFM Number
	Status
	Type
	Up time
<b>SFM Card Temperature</b>	Slot Number
	Voltage Status
	Temperature
<b>Stack Info</b>	Unit Type
	Up Time
	Hardware Revision
	OS Version
	Jumbo Capable
	Temperature
	Voltage Status
	Serial Number
	Part Number
	Service Tag
	Express Service Code
	Burned In MAC
	Number Of MACs
	Chassis ID
<b>Stack Information</b>	Stack ID
	Status
	Reason
	Type
	Unit MAC
	Number of Ports
<b>Stack Port</b>	Topology
<b>Stack Port Interface</b>	Interface
	Connections
	Link Speed(Gbps)
	Admin Status
	Link Status
	Trunk Group
<b>Stack Ports Info</b>	Interface

**Table 13. Attributes (continued)**

Category	Attribute Name
	Connections
	Link Speed(Gbps)
	Admin Status
	Link Status
<b>Stack Unit Details</b>	Stack ID
	Port Extender ID
<b>Statistics Information</b>	Port Extender ID
	Port Extender CSP Tx Message
	Port Extender CSP Rx Message
	ECP Tx
	ECP Rx Acknowledgment
	ECP Dropped
	ECP Rx
	ECP Tx Acknowledgment
<b>Storm Control Configuration</b>	Interface
	Direction
	Packets Per Second
	Percentage
	Wred Profile
	Type
<b>TC Group Local</b>	TC Group
	Priority
	Bandwidth (%)
	TSA
<b>Temperature Sensor</b>	Temperature
	Voltage Status
<b>Thermal Sensor</b>	S0
	S1
	S2
	S3
	S4
	S5
	S6
	S7
	S8
	S9
	S10

**Table 13. Attributes (continued)**

Category	Attribute Name
	S11
	S12
<b>Unit</b>	Model
	Unit Number
	Management Status
	Switch Status
	Detected Code Version
	Service Tag
	Reload Type
	Burned in MAC
	Serial Number
	Up Time
<b>VLAN</b>	VLAN ID
	Name
	Subnet Mask
	Port
	Untagged Ports
	Tagged Ports
	Status
	IP Address
<b>VLT</b>	Domain ID
	Port Channel Name
	Primary Priority
	Backup Destination
	MAC Address
	Unit ID
<b>Category / Section</b>	Local Port ID
	Remote Chassis ID
	Remote Host Name
	Remote Port ID
<b>LLDP Neighbor Information</b>	Local Port ID
	Remote Chassis ID
	Remote Host Name
	Remote Port ID
<b>RSTP</b>	Bridge ID Address
	Bridge ID Priority

**Table 13. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Root ID Address
	Root ID Priority
<b>RPM Card Temperature</b>	Card Number
	Temperature
	Voltage Status
<b>RPM Card Information</b>	Card Number
	Card Type
	Hardware Rev
	Jumbo Capable
	Last Restart
	Next Boot
	Number of Ports
	OS Version
	Up Time
<b>PVST</b>	Bridge ID Address
	Bridge ID Priority
	Root ID Address
	Root ID Priority
	VLAN ID
<b>Spanning Tree Interface</b>	Cost
	Name
	Port ID
	Priority
	Status
	Role
<b>Line Card Information</b>	Burned In MAC
	Card Number
	Current Type
	Hardware Rev
	Jumbo Capable
	Next Boot
	Number of Ports
	Number of MACs
	OS Version
	Required Type
	Status
	Up Time

**Table 13. Attributes (continued)**

Category	Attribute Name
Line Card Temperature	Card Number
	Temperature
	Voltage Status
MST	Bridge ID Address
	Bridge ID Priority
	MST ID
	Root ID Address
	Root ID Priority
	Spanning Tree VLANs
PVST	Cost
	Name
	Port ID
	Priority
	Status
	Role
STP	Bridge ID Address
	Bridge ID Priority
	Root ID Address
	Root ID Priority

## PowerConnect or Networking

**Table 14. Attributes**

Category	Attribute Name
AAA Profiles	Name
	References
	Profile Status
Access Point	IP Address
	name
	Group Name
	Number of Radios
	Up Time
	Chassis Model
	Location
	Building
	Floor
	Status

**Table 14. Attributes (continued)**

Category	Attribute Name
	Mesh Role
	Hardware Version
	Software Version
	Active Up Link
<b>Authentication Server</b>	Type
	IP Address
	Port
	Retry Count
	Time Out Value
	State
	In Service
	Usage Count
	Number Of Successful Authentications
	Number Of Failed Authentications
	Average Response Time (Milliseconds)
	Outstanding Requests
<b>Channel Name</b>	Channel
<b>Controller License</b>	Services
	Expires
	Installed
	Flags
<b>Controller Property</b>	IP Address
	Make
	Name
	Model
	Role
	Master IP
	System Date
	Base MAC address
	Hardware Version
	Software Version
	Serial Number
<b>Designated Root</b>	Name
	State
	Priority Number

**Table 14. Attributes (continued)**

Category	Attribute Name
	Cost
	Status
	Role
	Port Fast
	Restricted Port
<b>Fan</b>	Name
	Status
<b>Global Firewall Policy</b>	Policy
	Action
	Rate
	Port
<b>Global Settings</b>	BPDU Flooding
	Port Fast
	Mode
<b>Interface</b>	Port Number
	Port Channel Name
	Description
	Unit Number
	Duplex
	Speed
	Negotiation
	MTU
	MDIX
	Ucast Mode
	Admin State
	Link State
	Flow Control Status
	Port Fast
	Auto Post Fast
	MAC Address
	Port Fast State
	LLDP
	DCBx Port Role
	Port Mode
	VLAN Mode
Untagged VLANs	
Tagged VLANs	

**Table 14. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Unicast Packets Received
	LLDP Advertisements Enabled
<b>Interface Name</b>	Port
<b>iSCSI</b>	Enabled
	COS
	VPT
	DSCP
<b>Licensed Feature</b>	Feature
	Status
<b>Line</b>	Type
	Execution Timeout
<b>LLDP Remote</b>	Port
	Chassis ID
	Vendor
	Port ID
	System Name
	Capabilities
	TTL
<b>Networking</b>	Host Name
	LLDP
	Asset Tag
	CPU Version
	Chassis Tag
	Description
	Flow Control
	Hardware Version
	IP Address
	Make
	Members
	Mode
	Networking
	Spanning Tree
	Service Tag
	Spanning Tree Enabled
	Switch Name
	Vendor Name
<b>Physical Address</b>	VLAN ID

**Table 14. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	MAC Address
	Interface Name
	Vendor
<b>Port Aggregator</b>	Group LAN
	Ports
	Group ID
	Default VLAN
<b>Port Channel</b>	Channel Group
	Ports
	Hash Algorithm Type
	MAC Address
<b>Port Fast Interface</b>	Port Number
	Description
	Duplex
	Speed
	Negotiation
	MTU
	Admin State
	Link State
<b>Port Dependency</b>	Channel
	Ports
<b>Power Supply</b>	Name
	Status
	Main Power Supply Status
	Redundant Power Supply Status
<b>Spanning Tree Active Name</b>	Name
<b>Stacking Front Port</b>	Interface
	Configured Stack Mode
	Running Stack Mode
	Link Status
	Link Speed(Gbps)
	Port Mode
<b>Temperature</b>	Description
	Status
	Sensor ID
	Temperature Celsius
	Centigrade

**Table 14. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Fahrenheit
<b>Temperature Sensor</b>	Celsius
	Status
<b>Thermal Condition</b>	Celsius
	Status
<b>Traffic Class Group</b>	Max Bandwidth
	Min Bandwidth
	Scheduler Type
	Traffic Class Group
	Weight
<b>Traffic Class - User Priority Mapping</b>	User Priority
	Traffic Class
<b>Unit</b>	Description
	Detected Code Version
	MAC Address
	Management Status
	Model
	Preconfig Model ID
	Serial Number
	Service Tag
	Standby Status
	Switch Status
	Unit Number
	Up Time
	Factory Serial Number
	Number of FCP Ports
	Number Of Ten gig Ports
	Supplier Serial Number
	Chassis ID
<b>VLAN</b>	VLAN
	Name
	Ports
	Tagged Ports
	Untagged Ports
	IP Address
	Subnet Mask
	Type

**Table 14. Attributes (continued)**

Category	Attribute Name
	Admin State
	Operational State
<b>VLAN Mapping Table</b>	VLAN IDs
	VLAN Name
	Pool Status
	Assignment Type
<b>PVST</b>	Bridge ID Address
	Bridge ID Priority
	PVST ID
	Root ID Address
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree Ports
	Spanning Tree VLANs
<b>Spanning Tree Root Port</b>	Bridge ID Address
	Bridge ID Priority
	Name
	Port Fast
	Priority Number
	Restricted Port
	Root ID Address
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree VLANs
	Role
	State
	Status
Type	
<b>STP</b>	Bridge ID Address
	Bridge ID Priority
	MST
	MST ID
	Root ID Address
	Root ID Path Cost
	Root ID Priority

**Table 14. Attributes (continued)**

Category	Attribute Name
	Root Port
	Spanning Tree VLANs
<b>RSTP</b>	Bridge ID Address
	Bridge ID Priority
	ID
	MST ID
	Root ID Address
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree VLANs
<b>MST</b>	Bridge ID Address
	Bridge ID Priority
	ID
	MST ID
	Root ID Address
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree VLANs
<b>RPVST</b>	Bridge ID Address
	Bridge ID Priority
	RPVST ID
	Root ID Address
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree VLANs
<b>LLDP TLV Interface</b>	App Priority
	ETS Config
	ETS Recommend
	Interface
	LLDPTLV Interface
	Priority Flow Control
<b>Spanning Tree Interface</b>	Port Fast
	Cost
	Priority Number

**Table 14. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Name
	Restricted Port
	Role
	State
	Status
<b>Data Center Bridging</b>	Data Center Bridging
<b>Traffic Class Group Traffic Class Mapping</b>	Traffic Class
	Traffic Class Group
<b>Priority Flow Control</b>	Drop Priorities
	No Drop Priorities
	Operational Status
	Port
<b>iSCSI</b>	COS
	DSCP
	Enabled
	VPT
<b>Spanning Tree Active</b>	BPDU Flooding
	Port Fast
	Spanning Tree Mode
	Status
<b>LLDP TLV Port</b>	Port
<b>Spanning Tree Ports Interface</b>	Cost
	Name
	Port Fast
	Priority Number
	Restricted Port
	Role
	State
	Status
<b>Slot</b>	Admin State
	Configured Card Model ID
	Pluggable
	Power State
	Slot Name
	Slot Number
	Status
	Unit

**Table 14. Attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Spanning Interface Ports</b>	Cost
	Name
	Port Fast
	Priority Number
	Restricted Port
	Role
<b>Parent Zone Name</b>	Parent Zone Name
<b>Interface GoS Property</b>	Cee Map
	Flow Control Mode
	Name
	Provisioning Mode
<b>Cee Map</b>	Bandwidth In Percentage
	PFC Status
	PGID
	Traffic Class
	Weight
<b>Zone Information</b>	Name
	Port ID
	WWN
<b>Global LLDP Property</b>	Advertise Hold Time
	Advertise Transmitted Time
	Dcbx FCoE Priority Bits By Value
	Dcbx iSCSI Priority Bits By Value
	Mode
	Reinit Delay Timer
	State
	Tx Delay Timer
<b>Interface Media Property</b>	Baud Rate In Units 100 megabaud
	Connector
	Identifier
	Name
	Rx Power In Watts
	Serial Number
	Transceiver
	Tx Power In Watts
	Vendor Name
	Vendor PN

**Table 14. Attributes (continued)**

Category	Attribute Name
	Wavelength In Units nm
FC Information	Domain ID
	Fabric
	Switch Role
FC Port Information	Port
	State

## Other supported networking devices

### Brocade Fibre Channel switches

**Table 15. Brocade Fibre Channel switch attributes**

Category	Attribute Name
Switch Connections	Port
	WWPN
Networking	Fabric
	Gateway
	Switch WWN
	Switch Name
	IP Address
	Type
	Domain ID
	Fabric OS Version
	Serial Number
	Role
	Brocade Type
	Service Tag
	Kernel
	Subnet Mask
	Switch ID
	Switch Mode
	Switch State
Date Time	
Port Count	
Zone Port	Alias
	Attached Device
	Port ID

**Table 15. Brocade Fibre Channel switch attributes (continued)**

Category	Attribute Name
	Port Index
	World Wide Port Identifier
<b>Port</b>	ID
	Name
	State
	Media
	Speed
	Attached Device Port WWN
	Licensed
	Negotiation
<b>Zone Configuration</b>	Active
	Name
<b>Port Connection</b>	Address
	Attached Device
	Attached Node
	World Wide Port Identifier
	Port Type
<b>Connected Member</b>	WWPN
	Alias
	Vendor

## Brocade Fibre Channel over Ethernet switches

**Table 16. Brocade Fibre Channel over Ethernet switch attributes**

Category	Attribute Name
<b>Cee Map</b>	PGID
	Weight
	PFC Status
	Traffic Class
	Bandwidth In Percentage
<b>Fan</b>	Name
	Status
<b>FC Information</b>	Domain ID
	Fabric
	Switch Role
<b>FC Port Information</b>	Port
	State
<b>Global LLDP Property</b>	State

**Table 16. Brocade Fibre Channel over Ethernet switch attributes (continued)**

Category	Attribute Name
	Mode
	Advertise Transmitted Time
	Advertise Hold Time
	ReInit Delay Timer
	Tx Delay Timer
	Dcbx iSCSI Priority Bits By Value
	Dcbx FCoE Priority Bits By Value
<b>Interface</b>	Port Number
	Unit Number
	MTU
	Link State
	Hardware Duplex
	Speed
	Flowcontrol Rx
	Flowcontrol Tx
	Admin State
	Queue Strategy
	Hardware
	MAC Address
<b>Interface Media Property</b>	Name
	Identifier
	Connector
	Transceiver
	Baud Rate In Units 100megabaud
	Vendor Name
	Vendor PN
	Wavelength In Units nm
	Serial Number
	Tx Power In uWatts
	Rx Power In uWatts
	<b>Interface QoS Property</b>
Flow Control Mode	
Name	
Provisioning Mode	
<b>Networking</b>	IP Address
	Switch Name
	Description

**Table 16. Brocade Fibre Channel over Ethernet switch attributes (continued)**

Category	Attribute Name
	Vendor Name
	Spanning Tree Status
	Make
Port Channel	Channel Group
	Hash Algorithm Type
	Ports
Power Supply	Name
	Status
Temperature Sensor	Centigrade
	Fahrenheit
	Sensor ID
	State
Unit	Unit Number
	Number Of FC Ports
	Number Of 10 Gb Ports
	Switch Status
	Model
	Firmware Version
	Up Time
	Factory Serial Number
	Supplier Serial Number
VLAN	Name
	Ports
	State
	VLAN ID
Zone Information	Name
	Port ID
	World Wide Port Identifier
Parent Zone Name	Parent Zone Name

## Cisco Fibre Channel switches

**Table 17. Cisco Fibre Channel switch attributes**

Category	Attribute Name
Device Alias	Alias Name
	VSAN ID
	WWPN
Features And Services	SSH-Server

**Table 17. Cisco Fibre Channel switch attributes (continued)**

Category	Attribute Name
	QoS
<b>Fibre Channel Domain</b>	VSAN
	World Wide Port Identifier
	FCID
	Dynamic
	Alias
<b>IP Routes</b>	Serial Number
	IP Route
<b>Name Server Database</b>	FCID
	Port Type
	Port WWN
	Vendor
	Node WWN
	Class
	Node IP
	IPA
	FC4 Types
	Symbolic Port Name
	Symbolic Node Name
	Fabric Port WWN
	Hardware Address
	Permanent Port WWN
<b>Networking</b>	Switch Name
	Firmware Version
	Model
	IP Address
	Subnet Mask
	Management Speed (Mb/s)
	Default gateway
	Default Network
	Serial Number
	Management Interface
	CDP
	Boot Kickstart Boot Flash
	User name
	Password
	Role

**Table 17. Cisco Fibre Channel switch attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Port</b>	Port ID
	World Wide Port Identifier
	Attached Node Name
	Attached Port Name
	Vendor
	VSAN ID
	Status
	Speed (bps)
<b>Port License</b>	Interface
	Cookie
	Port Activation License
<b>Role</b>	Description
	VSAN Policy
<b>Role Dependency</b>	Role Name
<b>Rules</b>	Rule
	Type
	Command Type
	Feature
<b>SNMP Hosts</b>	Host Name
	Port
	Version
	Level
	Type
	Community String
<b>SNMP Settings</b>	Community
	Group Name
<b>SNMP Trap</b>	Trap Type
	Enabled
<b>Switch Ports</b>	Interface
	Description
	Trunk Mode
	Beacon
	Encapsulation
	Ignore
	Fcrxbb Credit
	Speed (Mbps)
	Mode

**Table 17. Cisco Fibre Channel switch attributes (continued)**

Category	Attribute Name
	Trunk Allowed
	Fcrxbuf Size
VSAN	VSAN ID
	Interop Mode
	State
Zone Set	Active

## Cisco Fibre Channel over Ethernet switches

**Table 18. Cisco Fibre Channel over Ethernet switch attributes**

Category	Attribute Name
Bridge	Address
	Delay Time
	Hello Time
	Max Age
	Priority
Enabled Features	Feature Name
	Instance ID
Fabric Extenders	Fex Number
	Fex Description
	Model
	State
	Fex Serial Number
	Chassis Serial Number
	Fabric Port
	Fabric Port State
Fex Uplink	
Interface	Port
	Name
	Status
	Speed
	Duplex
	Type
	Mode
	CoS
	Reason
	Switch Port
Voice VLAN	

**Table 18. Cisco Fibre Channel over Ethernet switch attributes (continued)**

Category	Attribute Name
	Port Status
	Extended Trust State
	Unknown Unicast Blocked
	Unknown Multicast Blocked
	MAC Address
	Tx Pause
	Rx Pause
	Send Flow Control Admin
	Send Flow Control Operation
	Receive Flow Control Admin
	Receive Flow Control Operation
	Priority Flow Control Mode
	Priority Flow Control Operation
	Rx PPP
	Tx PPP
<b>LLDP</b>	LLDP TLV
<b>LACP Neighbor</b>	Age
	LACP Partner Port Priority
	Partner Flag
	Partner Operator Key
	Partner Port Number
	Partner System ID
	Port
	Port State
<b>LACP Port Channel</b>	Local System Identifier
	Member Port List
	Partner System Identifier
<b>LLDP Neighbor</b>	Chassis ID
	Port ID
	Local Port ID
	Port Description
	System Name
	System Capabilities
	System Description
	Enabled Capabilities
	Management Address
	VLAN ID

**Table 18. Cisco Fibre Channel over Ethernet switch attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Module</b>	Module
	Module Number
	Module Type
	Model
	Status
<b>Network Policy Map</b>	MTU
	Network QoS Class Type
	Type
<b>Networking</b>	IP Address
	Host Name
	BIOS Version
	System Version
	Device Name
	Up Time
	Policy Map Used
<b>Port Channel</b>	Group
	Port Channel Name
	Protocol
	Port Type
	Status
	MTU
	Port Mode
	Duplex
	Speed
	Input Flow Control
	Output Flow Control
	Ports
	MAC Address
	COS
<b>QoS Policy Map</b>	QoS Class Type
	Set
	Type
<b>Queuing Policy Map</b>	Bandwidth
	Queuing Class Type
	Type
<b>Root</b>	Address
	Delay Time

**Table 18. Cisco Fibre Channel over Ethernet switch attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Hello Time
	Max Age
	Priority
<b>Session</b>	Protocol
	Session ID
	VLANs Included
<b>Spanning Tree Interface</b>	Cost
	Interface
	Priority Number
	Role
	Status
	Type
<b>Transceiver</b>	Port
	Present
	Type
	Name
	Part Number
	Nominal Bit Rate
	Extended ID
<b>VLAN</b>	Name
	Ports
	Status
	VLAN ID
<b>Virtual Port Channel</b>	Active VLANs
	ID
	Keep Alive Status
	Peer Status
	Port
	Status
<b>VPC</b>	Peer Status
	Keep Alive Status
	ID
	Port
	Status
	Active VLANs

## Cisco Catalyst switches

**Table 19. Cisco Catalyst switch attributes**

Category	Attribute Name
<b>Fan</b>	Name
	Status
<b>Interface</b>	Port
	Status
	Duplex
	Speed
	Link State
	Admin State
	Send Flow Control Admin
	Send Flow Control Current
	Receive Flow Control Admin
	Receive Flow Control Current
	MTU
	Tx Pause
	Rx Pause
	MAC Address
<b>Port Channel</b>	Channel Group
	MAC Address
	Ports
	Protocol
<b>Spanning Tree Interface</b>	Cost
	Name
	Priority Number
	Role
	Status
<b>Switch Temperature</b>	Temperature
	Temperature State
	Temperature Value
<b>Temperature Sensor</b>	Celsius
	Status
<b>Trunk Port</b>	Allowed VLAN
	Encapsulation
	Mode
	Native VLAN

**Table 19. Cisco Catalyst switch attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Port
	Status
<b>Unit</b>	Make
	IP Address
	Model
	Unit Number
	Detected Code Version
	Serial Number
	Management Status
	Switch Name
	Spanning Tree Enabled
	Up Time
<b>VLAN</b>	Name
	Ports
	VLAN ID
	IP Address
	Subnet Mask
<b>LLDP Remote</b>	Remote Device Name
	Local Interface
	Remote Interface
<b>Physical Address</b>	VLAN ID
	MAC Address
	Vendor
	Port ID

## Items reported from chassis

### Chassis

Table 20. Chassis attributes

Category	Attribute Name
<b>Active Error</b>	Message
	Module ID
	Severity
<b>Assigned MAC and WWN Address</b>	BMC MAC Address
	NIC1 MAC Address
	NIC2 MAC Address
	Name
	Presence
	Type
<b>Chassis</b>	Chassis
<b>Chassis Information</b>	Standby CMC Firmware Version
	System Model
	Chassis Name
	Health
	IP Address
	Last Firmware Update
	MAC Address
	Midplane Version
	Primary CMC Firmware Version
	Primary CMC Location
	Register CMC on DNS
	Service Tag
<b>Chassis Module State</b>	Health
	Module Name
	Power State
<b>Chassis Slot</b>	BIOS Version
	Blade Type
	Host Name
	Mezz B Model
	Mezz B Type

**Table 20. Chassis attributes (continued)**

Category	Attribute Name
	Mezz C Model
	Mezz C Type
	Presence
	Service Tag
	Slot Name
<b>Controller</b>	Cache Memory Size
	Capable Speeds
	Driver Version
	Encryption Mode
	FQDD
	Firmware Version
	High Availability Mode
	Load Balance Setting
	Name
	Persist Hotspare
	Security Status
	Slot Length
	Slot Type
	Status
<b>Device License</b>	Device License
<b>Enclosure</b>	Bay ID
	FQDD
	Firmware Version
	Name
	Rollup Status
	Sas Address
	Slot Count
	Status
<b>Event Filter</b>	Category
	Name
	Notifications
	Severity
	Sub Category Description
<b>Extended Power Performance Information</b>	EPP Available Power
	EPP Percentage Available
	EPP Status
	EPP Used Power

**Table 20. Chassis attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
<b>Fan</b>	Health
	Power State
	Presence
	Reading
	Slot
<b>License Detail</b>	Expiration
	License Description
	License Type
	Status
<b>License Information</b>	Device
	Device Description
	License Status
<b>PCIe Adapter Slot</b>	PCIe Slot
	Server Slot
	Server Slot Name
	Virtual Adapter
<b>PCIe Slot</b>	Name
	Power State
	Server Slot
	Server Slot Name
<b>Physical Disk</b>	Available RAID Disk Space
	Bus Protocol
	FQDD
	Failure Predicted
	Form Factor
	Hotspare
	Manufacturer
	Media Type
	Name
	Negotiated Speed
	Part Number
	Position
	Power Status
	Product ID
	Revision
	Serial Number
Size	

**Table 20. Chassis attributes (continued)**

Category	Attribute Name
	State
	Status
	Used RAID Disk Space
<b>Power Summary</b>	Health
	Idle Power
	Input Power
	Minimum Power
	Peak Power
	Potential Power
	Redundancy
<b>Power Supply</b>	Health
	Model
	Output Power
	Power Supply
	Presence
	Slot
<b>SNMP Information</b>	SNMP Agent Enabled
<b>SNMP Trap</b>	Destination IP Address
	Enabled
	Index
<b>Server Name</b>	Server
<b>Server Slot</b>	IP Address
	Server
	USC Version
	Updatable
	iDRAC Generation
	iDRAC Version
	iDRAC Gateway
	iDRAC Net Mask
<b>Switch Slot</b>	Health
	Power State
	Presence
	Role
	Service Tag
	Slot Name
	Switch Model
	Type

**Table 20. Chassis attributes (continued)**

Category	Attribute Name
<b>Temperature Sensor</b>	Lower Critical
	Lower Warning
	Reading
	Sensor Name
	Status
	Units
	Upper Critical
	Upper Warning
<b>Virtual Disk</b>	Available Protocols
	Bad Blocks Found
	Enhanced Cache
	FQDD
	Layout
	Media Type
	Name
	Read Policy
	Secured
	Size
	State
	Status
	Virtual Adapter1 Access Policy
	Virtual Adapter2 Access Policy
	Virtual Adapter3 Access Policy
	Virtual Adapter4 Access Policy
Write Policy	

## Items reported from software

### Microsoft System Center Virtual Machine Manager (SCVMM)

**Table 21. SCVMM attributes**

Category	Attribute Name
<b>Cluster</b>	Available Storage Node
	Cluster Name
	Cluster Reserve State
	Domain Name
	Host Group
	Name
	Nodes
<b>Host</b>	Available Storage
	CPU Utilization
	Computer Name
	Cores per CPU
	Disk Count
	Fibre Channel Present
	IP Address
	Name
	Number Of Processors
	Number of Virtual Machines
	Operating System
	Operating System Build
	Overall Status
	Physical Disk
	Platform
	Processor Manufacturer
	Processor Model
	Processor Speed
	Software iSCSI Status
	State
	Total Memory
Virtual Machines	

**Table 21. SCVMM attributes (continued)**

Category	Attribute Name
	Volume Count
	Volumes
<b>Network Adapter</b>	Connection Name
	Connection State
	Data Rate
	Host
	IP Address
	Mac Address
	Name
	Virtual Network
<b>Operating System</b>	Architecture
	Description
	Name
	Version
<b>Physical Disk</b>	Capacity
	Cluster Disk Name
	Clustered
	Description
	Disk Status
	Host
	Model
	Name
	Partition Count
	SAN Attached
	SM LUN ID
	Serial Number
	Vendor
	Volumes Associated
<b>Software</b>	Company Name
	Database Instance Name
	Database Name
	Database Server Name
	Evaluation Days Left
	Evaluation Version
	Host
	IP Address
	Licence Type

**Table 21. SCVMM attributes (continued)**

Category	Attribute Name
	Physical Address Range End
	Physical Address Range Start
	Product Alias
	Product ID
	Server Interface Version
	Version
<b>VMM Group</b>	All Child Groups
	All Child Hosts
	Is Root
	Name
<b>Validate SCVMM</b>	Install Path
	Value
	Software Version
<b>Virtual Hard Disk</b>	Clustered
	Clustered Disk Name
	Committed
	Description
	Format
	Location
	Model
	Name
	Provisioned
	SAN Attached
	Serial Number
	Type
	VM Name
	Vendor
<b>Virtual Machine</b>	CPU Count
	CPU Type
	CPU Utilization
	Disk Count
	Highly Available
	Host
	Host Type
	Location
	Memory Assigned
	NIC Count

**Table 21. SCVMM attributes (continued)**

Category	Attribute Name
	Operating System
	Pass Through Disks
	Pass Through Present
	Power Status
	SAN Status
	Start Action
	Stop Action
	Template
	Total Used Space
	VMC Path
	VM Checkpoints
	VM Name
	Virtual Disk Drives
	Virtual Hard Disks
	Virtual Machine Additions
Virtual Machine ID	
<b>Virtual Network</b>	Compliance Status
	MAC Address
	Name
	Type
	VLAN ID
	VLAN Status
	Virtual Network Name
<b>Virtual Network Adapter</b>	Ending IP Address
	Guest MAC Addresses
	Guest VMs
	Host
	Name
	Starting IP Address
	VM Host ID
	VM Host Network Adapters
<b>Virtual Switch</b>	Allow Management OS
	Allow Management OS To Share
	Connection Type
	Network Adapter
	Switch Name
	VLAN ID

**Table 21. SCVMM attributes (continued)**

Category	Attribute Name
Volume	Capacity
	Cluster Shared Volume
	Clustered
	Description
	Free Space
	Model
	Name
	Partition Number
	Physical Disk
	Used Space
	Vendor
	Volume Label

## VMware vCenter

**Table 22. VMware vCenter attributes**

Category	Attribute Name
Alarm	Acknowledged
	Acknowledged By User
	Acknowledged Time
	Alarm Name
	Datacenter Name
	Entity
	Entity Type
	Overall Status
	Time
Assigned Host	Assigned CPUs
	Expires
	Host
Cluster	Cluster Name
	DRS Enabled
	Datacenter
	EVC Mode
	HA Enabled
	Number Of Hosts
	Status
Total CPU Resources	

**Table 22. VMware vCenter attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	Total Memory
<b>Cluster Host</b>	IP Address
	OS Type
<b>Datastore</b>	Block Size
	Capacity
	Committed
	Extents
	Free Space
	Host Address
	Provisioned
	Remote Host
	Remote Path
	Type
	URL
	VM Count
	Virtual Machine
	VMFS Version
	Volume Name
<b>Disk</b>	Format
	Location
	Mode
	Name
	Provisioned
	Type
<b>Distributed Virtual Switch</b>	Max Ports
	Switch Name
	Total Ports
<b>Extent</b>	Canonical Name
	Model
	Multipath Policy
	Path Count
	Path Runtime Name
	Path Target
	UUID
	VAAI Status
	Vendor
<b>FCHBA</b>	Adapter Name

**Table 22. VMware vCenter attributes (continued)**

Category	Attribute Name
	Driver
	Driver Version
	Model
	Status
	Vendor Name
	World Wide Node Name
	World Wide Port Name
<b>Host</b>	CPU Capacity
	CPU Cores Per Socket
	CPU Cores Speed
	CPU Free
	CPU Sockets
	CPU Used
	Cluster Name
	Current EVC Mode Key
	Datacenter
	Datastore
	Dell MEM Installed
	Dell MEM Version
	Fibre Channel Present
	Host Bus Adapters
	IP Address
	LRO Status
	Maintenance Mode
	Make
	Maximum EVC Mode Key
	Memory Capacity
	Memory Free
	Memory Used
	Model
	Network Adapters
	OS Type
	Overall Status
	Power State
	Processor Type
	Reboot Required
	Service Tag

**Table 22. VMware vCenter attributes (continued)**

Category	Attribute Name
	Software iSCSI Enabled
<b>Host Adapter</b>	Host Adapter
<b>Host Service</b>	Name
	Startup Policy
	Status
<b>Licence</b>	Assigned CPUs
	Capacity
	License Name
<b>Network Adapter</b>	Driver Name
	Driver Version
	Duplex
	Firmware Version
	MAC Address
	Make
	Model
	Name
	Speed
	vSwitch
<b>Network Interface Card</b>	Address Type
	MAC Address
	Name
	Network Name
<b>Partition</b>	Capacity
	Free
	Name
	Used
<b>Port Group</b>	Active Adapter
	Assigned VM
	DHCP
	Device Name
	IP Address
	MAC Address
	MTU
	Standby Adapter
	Subnet Mask
	Unused Adapter
	VLAN ID

**Table 22. VMware vCenter attributes (continued)**

<b>Category</b>	<b>Attribute Name</b>
	vSwitch
<b>Raw Device Mapping</b>	Canonical Name
	Compatibility Mode
	Model
	Multipath Policy
	Path Count
	Path Run Time Name
	Path Target
	UUID
	Vendor
<b>SCSI Adapter</b>	Controller Name
	Controller Position
	Controller Type
<b>SCSI HBA</b>	Adapter Name
	Driver
	Model
	Status
<b>SCSI LUN</b>	Canonical Name
	Capacity
	Device Name
	Model
	Multipath Policy
	Path Count
	Path Runtime Name
	Path Target
	UUID
	VAAI Status
	Vendor
<b>Software</b>	Architecture
	Data Center
	Host
	Version
<b>Tools Info</b>	Tools Auto Update Supported
	Tools Status
	Tools Upgrade Policy
	Tools Version Present
	Tools Version Status

**Table 22. VMware vCenter attributes (continued)**

Category	Attribute Name
<b>Validate vCenter</b>	Value
<b>Virtual Machine</b>	CPU Count
	CPU Used
	Committed
	Datastore
	Dell VSM Version
	Disk Count
	Guest Memory Used
	Host Memory Used
	IP Address
	Memory
	NIC Count
	Name
	OS Type
	Provisioned
	RDMs present
	Snapshots Present
	State
	UUID
	Version
<b>iSCSI HBA</b>	Adapter Name
	Default Gateway
	Delayed Ack
	Driver
	Driver Version
	IP Address
	iSCSI Offload Engine
	iSCSI Name
	MAC Address
	MTU
	Model
	NIC Binding
	Status
	Subnet Mask
	iSCSI Dynamic Discovery Portal
	iSCSI Static Discovery Portal
	Is Software Based

**Table 22. VMware vCenter attributes (continued)**

Category	Attribute Name
Internet SCSI Host Bust Adapter	Device
	Managed Object Value
vSwitch	Active Adapter
	MTU
	Name
	Standby Adapter
	Teaming Policy
	Unused Adapter

## Host Integration Toolkit for VMware

**Table 23. HITKit For VMware attributes**

Category	Attribute Name
Network	DNS Server1
	DNS Server2
	Gateway
	Host
	IP Address
	Netmask
PS Group	Group Admin
	Name
Software	Plugin Registration
	Studio Build Number
	Studio Version
	Time Zone
	Version
Storage Network	IP Address
	Netmask
	Static Route
VASA	User Name
VCenter	Admin
	Admin Email ID
	Server
Validate Version	Version
View	Admin
	Domain
	Host

# Virtual Storage Manager (VSM)

**Table 24. VSM attributes**

<b>Category</b>	<b>Attribute Name</b>
<b>Network</b>	DNS Server1
	DNS Server2
	Gateway
	Host
	IP Address
	Netmask
<b>Software</b>	Studio Build Number
	Studio Version
	Time Zone
	Version
<b>Storage Network</b>	IP Address
	Netmask
	Static Route
<b>VASA</b>	User Name
<b>Validate Version</b>	Version

# Items reported from Web-scale Hyper-converged appliances

## Web-scale Hyper-converged appliances

**Table 25. Web-scale Hyper-converged appliance attributes**

Category	Attribute Name
<b>Alert</b>	Entities
	Issue
	Severity
	Timestamp
<b>Container</b>	Container Free Capacity
	Container Name
	Container Total Capacity
	Container Used Capacity
<b>Event</b>	Entities
	Message
	Timestamp
<b>IPMI</b>	Default Gateway
	IP Address
	Netmask
<b>NCC Check</b>	Cause
	Check
	Description
	Resolutions
	Status
	Affected Entity Types
<b>Node</b>	Default Gateway
	Hypervisor Version
	IP Address
	Netmask
	Server Make
	Server Model
	Software Version
<b>Solution</b>	Cluster ID

**Table 25. Web-scale Hyper-converged appliance attributes (continued)**

Category	Attribute Name
	Cluster Name
<b>Virtual Machine</b>	Average IO Latency
	CPU Usage
	Cores
	IO Bandwidth
	IPv4 Addresses
	IPv6 Addresses
	Memory Capacity
	Memory Usage
	Physical Host
	Provisioned Capacity
	Read IO PS
	Used Capacity
	VM Name
	Write IO PS