

# 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 that 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.

**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.

**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).

**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).

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

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

Category	Attribute Name
	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 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

Category	Attribute Name
	Status
	Health Status
Boot Page file	Current
	Initial
	Maximum
Boot Setting	Description
	Value
CPU Detail	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	
Channel	Connector Type

Category	Attribute Name
	Device Location
	Manufacturer
	Name
	Parent Location
	Status
	Health Status
Check iDRAC Response	Model
Component	Component
Component Detail	Component ID
	Component Type
	Description
	Hardware Device ID
	Hardware Sub Device ID
	Hardware Sub Vendor ID
	Hardware Vendor ID
	Software Version
Connector	Connector Type
	Name
	State
	Status
	Health Status
Controller	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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
	Resolution
<b>Driver</b>	Company Name
	Description
	Filename
	Internal Name

Category	Attribute 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
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

Category	Attribute Name
<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
	Model
	Name
	Serial Number
	Type
	Vendor Code
	Vendor Name
	<b>FC HBA Port</b>
Port Number	
Port OS Name	
Port Speed	
Port State	

Category	Attribute Name
	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
	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

Category	Attribute Name
	Technology
IO Range	Address Range
	Device
	Status
IPv4 Address	Description
	Subnet Mask
IPv6 Address	Description
	IPv6 Address Name
	Prefix Length
IPv6 Detail	Alternate DNS Server
	DNS Address Source
	Default Gateway
	IP Address Source
	IPv6 Address1
	IPv6 Address2
	Link Local Address
	Preferred DNS Server
IRQ	Caption
	IRQ Number
	Status
Installed Application	Install Date
	Install Location
	Install Source
	Name
	Publisher
	URL Info About
	Version
Integrated Device	Description
	Value
Integrated Devices	Description
	Value
Interface Member	Physical Interface
	Team Interface
Internet Explorer	Key

Category	Attribute Name
	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
	Failures
	Rank

Category	Attribute Name
	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

Category	Attribute Name
	IP Address
	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	

Category	Attribute Name
	Interface Name
	Link Status
	Maximum Transmission Unit
	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
	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

Category	Attribute Name
	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 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

Category	Attribute Name
	Maximum Address Size
	Maximum Message Size
	Message Oriented
	Minimum Address Size
	Name
	Pseudo Stream Oriented
	Status
	Supports Broadcasting
	Supports Connect Data
	Supports Disconnect Data
	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

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

Category	Attribute Name
	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
<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	

Category	Attribute 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
	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

Category	Attribute Name
	Power Cap
Power Head Room	System Instantaneous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold
	health Status
Power Profile	Active Power Controller
	Custom
	Max Performance
	OS Control
Power Supply	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status
	Type
	Health Status
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Measurement Finish Time
	Measurement Start Time
	Reading
	Statistics
Problem Device	Device
	Error Code
	PNP Device ID
Process	CPU Time
	GDI Objects

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
VLAN ID	
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State
	Status

Category	Attribute Name
	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
	Name
	State
	Status

Category	Attribute Name
	Health Status
<b>SCSI Controller</b>	ID
	Name
	Number Of Connectors
	Slot ID
	State
	Status
	Health 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
	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>	Display Name

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

Category	Attribute Name
	Shared Slot
	Slot ID
	Slot Length
	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

Category	Attribute Name
	SCSI Logical Unit
	SCSI Port
	SCSI Target ID
	Sectors Per Track
	Size In GB
	Total Cylinders
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	Status
	Health Status
Turbo Mode	Capable
	Enabled
	Technology
UEFI Boot Setting	Description
	Value
USB	Name
	Pnp Device ID
User	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	State
	User ID
	User Name
Userprofile_Dependency	User Name
	Value
Validate Processor	Connector Name
	Ext Name
	Occupied
	Status
Validate_OMSA_Collection	OMSA State
Validation	Model
Variable	Full Name
	System Variable
	User Name
	Variable Value
Virtual Disk	Bus Protocol
	Cache Policy
	Device Name
	Disk Cache Policy
	Encrypted
	Hot Spare Policy Violated

Category	Attribute Name
	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>
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>	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	

Category	Attribute Name
	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
	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 GRUB List</b>	Date Of Modification
	Inode
	No Of Links
	Owner Name
	Owner group
	Permissions

Category	Attribute Name
	Process
	Size
Boot List	File Date
	Inode
	Number
	Owner
	Process
	Rights
	Size
	User
Boot Menu List	NAME
	VALUE
Boot Setting	Description
	Value
Boot Settings	Description
	Value
CPU Detail	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	

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute 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
	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

Category	Attribute 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>Environment Variable</b>	Variable
	Variable Value
<b>External Enclosure</b>	Controller ID
	Enclosure ID
<b>FC Controller</b>	Driver Version
	Firmware Version
	Host WWN

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

Category	Attribute Name
	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
	Status
	Health Status
<b>LCD Line Information</b>	Name
	Value
<b>Main Chassis</b>	Chassis Lock

Category	Attribute Name
	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
	Total Installed Capacity Available To The OS
	Total Maximum Capacity

Category	Attribute Name
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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>Network Adapter</b>	Adapter Name
	Broadcast
	Carrier
	Collisions
	Default Gateway
	IPv4 Address
	IPv6 Address

Category	Attribute Name
	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
	DHCP Server
	DHCP v6 Server
	Default Gateway
	Default IPv6 Gateway
	Description
Driver Image Path	

Category	Attribute Name
	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
	Team Name
	Team Type
	Transmitted Bad Frames

Category	Attribute Name
	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

Category	Attribute Name
	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

Category	Attribute Name
<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

Category	Attribute Name
	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
	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	

Category	Attribute Name
	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

Category	Attribute Name
<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
	Channel Number
	Channel Privilege Level Limit
	Connection Mode Settings
	Delete Control
	Echo Control
	Flow Control

Category	Attribute Name
	Handshaking Control
	Input New Line Sequence
	Line Editing
	New Line Sequence
Server	Model
	OS Name
	Service Tag
Service	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Device Type
	Reported Mappings
	Storage Device Type
	Target Name
Slot	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	
Slot Disablement	Description
	Value
Slots Dependency	Primary Key

Category	Attribute Name
	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

Category	Attribute Name
	Reading
	Status
	Health Status
Turbo Mode	Capable
	Enabled
	Technology
UEFI Boot Setting	Description
	Value
USB	Bus
	Device
	Device Class
	Device Protocol
	Device Sub Class
	ID
	Manufacturer
	Product
	Serial
	Version
USB Controller Info	Serial Number
	USB Controller Info
USB Device	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	

Category	Attribute Name
	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

Category	Attribute Name
	Serial Over LAN Payload
	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

Category	Attribute Name
	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
	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	

Category	Attribute Name
	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
	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 GRUB List</b>	Date Of Modification
	Inode
	No Of Links
	Owner Name
	Owner group
	Permissions

Category	Attribute Name
	Process
	Size
Boot List	File Date
	Inode
	Number
	Owner
	Process
	Rights
	Size
	User
Boot Menu List	NAME
	VALUE
Boot Setting	Description
	Value
CPU Detail	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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
Controller Battery	Learn Mode
	Learn State

Category	Attribute Name
	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
	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

Category	Attribute 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
	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

Category	Attribute 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>Environment Variable</b>	Variable
	Variable Value
<b>External Enclosure</b>	Controller ID
	Enclosure ID
<b>FC Controller</b>	Driver Version
	Firmware Version
	Host WWN

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

Category	Attribute Name
	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
	Interrupts Per CPU
	Type
<b>Installed Application</b>	Install Date
	Name
	Publisher

Category	Attribute Name
	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
<b>Memory</b>	Device Name
	Failures

Category	Attribute Name
	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

Category	Attribute Name
<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
	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

Category	Attribute 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
	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

Category	Attribute Name
	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
	RX Frame
	RX Overruns
	RX Packets
	RX bytes
	Scope
	Status Characteristics
	Subnet Mask
	TX Dropped
	TX Errors
	TX Overruns
	TX Packets

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	Transmitted Total Packets
	Transmitted Unicast Packets
	Type
	Vendor
<b>Network Team List</b>	Vir Nic Id

Category	Attribute Name
<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
	IRQ Lvl
	Maximum Speed

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

Category	Attribute Name
<b>Process</b>	COMMAND
	CPU
	MEM
	PID
	RSS
	START
	STAT
	TIME
	TTY
	USER
	VSZ
	<b>Processor</b>
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

Category	Attribute Name
	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
<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

Category	Attribute 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
	Status
	Health Status
<b>Screen Attribute</b>	NAME
	VALUE
<b>Serial Communication</b>	Attribute
	Description

Category	Attribute Name
	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
	Slot Length
	Speed
	Type

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

Category	Attribute Name
<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

Category	Attribute Name
	Driver Name
	End Point Address
	End Point Max Packet Size
	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

Category	Attribute Name
	Version
USB Storage	NAME
	VALUE
User	DRAC User Privilege
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	State
	User ID
	User Name
Validate Processor	Ext Name
	Is Occupied
	Occupied
Validation	Model
Virtual Disk	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	
Virtual Disks Info	Controller ID
	Virtual Disk ID

<b>Category</b>	<b>Attribute Name</b>
<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
	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	

Category	Attribute Name
	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
	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>BIOS Setup</b>	Attribute
	BIOS Setup
	Settings
<b>Boot Settings</b>	Description
	Value
<b>CPU Detail</b>	Cache1 Associativity

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>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	

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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

Category	Attribute Name
	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
<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

Category	Attribute Name
Hyper Threading	Capable
	Enabled
	Technology
IPv4 Address	Description
	Subnet Mask
IPv6 Address	Description
	IPv6 Address Name
	Prefix Length
IPv6 Detail	Alternate DNS Server
	DNS Address Source
	Default Gateway
	IP Address Source
	IPv6 Address1
	IPv6 Address2
	Link Local Address
	Preferred DNS Server
IRQ	Device
	IRQ Number
	Interrupts Per CPU
	Type
Installed Application	Install Date
	Name
	Publisher
	Size
	Summary
	URL Info About
Integrated Devices	Description
	Value
Internal Dual SD Module Redundancy	Redundancy Status
Intrusion	Probe Name
	State
	Status
	Health Status
LCD Information	Enable Remote Indication

Category	Attribute Name
	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
	Type Detail
	Health Status
<b>Memory Array</b>	ECC Type
	Installed Capacity
	Location
	Maximum Capacity
	Slots Available
	Slots Used

Category	Attribute Name
	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 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
	Base Memory Address
	Connection Status
	Current MAC Address
	DHCP Server
	DHCP v6 Server

Category	Attribute Name
	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
	TOE Capable
	TOE Enabled

Category	Attribute Name
	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

Category	Attribute Name
	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
	Team Name
	Team Type
	Transmitted Bad Frames
	Transmitted Broadcast Packets
	Transmitted Bytes
	Transmitted Deferred Transmits

Category	Attribute Name
	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>
<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	

Category	Attribute Name
	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>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

Category	Attribute Name
	Power Cap
Power Head Room	System Instantaneous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Failure Threshold
	Probe Name
	Reading
	Status
	Warning Threshold
	Health Status
Power Profile	Active Power Controller
	Custom
	Max Performance
	OS Control
Power Supply	Firmware Version
	Location
	Maximum Output Wattage
	Online Status
	Power Monitoring Capable
	Rated Input Wattage
	Status
	Type
	Health Status
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Measurement Finish Time
	Measurement Start Time
	Reading
	Statistics
Process	COMMAND
	CPU
	MEM
	PID
	RSS

Category	Attribute Name
	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>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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
<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
<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

Category	Attribute Name
	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>
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 VM NIC</b>	Auto Negotiate
	Device Id
	Driver Name
	Driver Version
	Duplex
	Firmware Version
	Generic Segmentation Offload
	Link
	MAC Address

Category	Attribute Name
	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
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
	Firmware Revision
	Form Factor
	Health Status
	Hot Spare
	ID
	Manufacture Day
	Manufacture Week
	Manufacture Year
	Media Type
	Mirror Set ID
	Model Number

Category	Attribute Name
	Name
	Negotiated Speed
	PCI Negotiated Link Speed
	PCIe Maximum Link 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
	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

Category	Attribute Name
	Value
<b>CPU Detail</b>	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Installed Size
	Cache1 Level
	Cache1 Location
	Cache1 Max Size
	Cache1 Status
	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

Category	Attribute Name
	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
	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 Reversible 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

Category	Attribute 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
	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

Category	Attribute 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
	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

Category	Attribute Name
	ID
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Name
	Reading
	State
	Status
FRU	Device
	Manufacture Date
	Manufacturer
	Part Number
	Revision
	Serial Number
Fan	Health Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Minimum Warning Threshold
	Probe Name
	Reading
	Status
Fan Redundancy	Fan Redundancy Status
Firmware	FQDD
	Identify Info Value
	Name
	Version
Front Panel	NMI Button
	Power Button
Hardware Log	Date And Time
	Description
	Health Status
	Raw SEL Data

Category	Attribute Name
	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
	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

Category	Attribute 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
	Express Service Code
	IP Address
	IP Address Source
	IP Address Type
	Model
	Product
	Version
<b>NIC Configuration</b>	Channel Number

Category	Attribute Name
	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
	Received Bytes
	Received Discarded Packets
	Received Error Packets
	Received FCS Errors
	Received Frames Too Long

Category	Attribute Name
	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
	Value
<b>Operating System</b>	Install Date

Category	Attribute Name
	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

Category	Attribute Name
	Measurement Start Time
	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

Category	Attribute Name
<b>Removable Flash Media</b>	Available Size
	Connector Name
	Redundancy Status
	State
	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

Category	Attribute Name
	Shared Slot
	Slot ID
	Slot Length
	Speed
	Type
	Voltage Supply
	Zoom Video
<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

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

Category	Attribute Name
	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
	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

Category	Attribute Name
	Reading
	Status
	Health Status
<b>BIOS</b>	Manufacturer
	Version
	Release Date
<b>BIOS Boot Settings</b>	Description
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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>	Controller ID
	Value
<b>CPU Details</b>	Cache1 Maximum Size
	Cache1 Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Location

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
<b>DRAC Information</b>	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
<b>Driver</b>	Name
	Description
	Internal Name
	File Name
	Start
	Type

Category	Attribute Name
	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
	Part Number
	Firmware Version
	State
<b>Ethernet Information</b>	MAC Address
	Factory MAC Address
	State
	OS Eth Device
	CNA DCB State
	Beacon Status

Category	Attribute Name
	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
	Transmit BB Credits
	Quality of Service
	Target Rate Limiting
	TRL Default Speed
	SCSI Queue Depth
	PBind Status

Category	Attribute Name
	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
	Manufactured Date
<b>General</b>	Attribute
	Settings

Category	Attribute Name
<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

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

Category	Attribute Name
	Device ID
	Sub Vendor ID
	Sub Device ID
<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

Category	Attribute Name
<b>IRQ</b>	IRQ Number
	Caption
	Status
<b>iSCSI</b>	Port Identifier
	MAC Address
	Description
<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	

Category	Attribute Name
	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
	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

Category	Attribute Name
	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)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity

Category	Attribute Name
<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
	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

Category	Attribute Name
<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
	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	

Category	Attribute Name
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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	
<b>Network Team Interface</b>	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path

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

Category	Attribute Name
	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)
	Total Virtual Memory (GB)

Category	Attribute Name
	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

Category	Attribute Name
PCIe SSD Extender	Name
	State
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Port	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	

Category	Attribute Name
	Function Id
	Hard Loop ID
	Host Name
	Interrupt Delay Timer
	LUNs Per Target
	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

Category	Attribute Name
	HBA Model
	Firmware Version
	Port ID
	iSCSI Name
	IP Address
	Default Gateway
	Subnet Mask
	MAC Address
	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 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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	IO Other
	Read Bytes
	Write Bytes
	Other Bytes
	CPU Time
	<b>Processor</b>
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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
	<b>SCSI Channel</b>
State	
Connector Type	
Status	
Health Status	

Category	Attribute Name
<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
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
	<b>Server</b>
Cluster Member	
Cluster Name	
Dell Hitkit ASMME Installed	
Dell Hitkit ASMME Version	

Category	Attribute Name
	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
	Friendly Name
	Device Description
	Reported Mappings
	Location
	Initiator Name

Category	Attribute 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
	Device Identifier
<b>Slots Dependency</b>	Slot Index

Category	Attribute Name
	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

Category	Attribute Name
	Bootable Partition
	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

Category	Attribute Name
	Health Status
<b>Tape Drive Characteristics</b>	Name
	Value
<b>Temperatures</b>	Probe 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

Category	Attribute Name
	Size
	Layout
	State
	Status
	Health Status
	Device Name
	Bus Protocol
	Media Type
	Cache Policy
	Disk Cache Policy
	Read Policy
	Stripe Element Size
	Write Policy
	Hot Spare Policy violated
	Controller ID
Virtual Disk ID	
<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

Category	Attribute Name
	Checkpoints Present
	Highly Available
	VM Additions
	Template
	VMC Path
	Committed
<b>Virtual NIC</b>	Name
	MAC Address
	Type
	VLAN ID
	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

Category	Attribute Name
	Capacity
	Used Space
	Free Space
	Partition Number
	Clustered
	Cluster Shared Volume
<b>Windows iSCSI HBA Registry</b>	Name
	Value
<b>Windows Registry</b>	Link Down Time
	Time Out Value
	Maximum Request Hold Time
	Delay Between Reconnect
	Enable NOP Out
	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	

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
64-bit Support	Technology
	Capable
	Enabled
Active Tuning Parameters	Parameter
	Value
Adapter	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

Category	Attribute Name
	MAC Address
	MTU
	Manufacturer
	Model
	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>	Adapter Detail
<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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Configured PS Group	Group IP
	Group Name
Connector	Name
	Status
	Description
	Location
	Class
Controller	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
	CacheCade Capable
	Encryption Capable
Encryption Key Present	
Spin Down Unconfigured Drives	

Category	Attribute Name
	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
	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	

Category	Attribute Name
	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
	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

Category	Attribute Name
<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
	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

Category	Attribute Name
	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
<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

Category	Attribute Name
	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
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
<b>General</b>	Attribute

Category	Attribute Name
	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
<b>Host Port</b>	Host Name
	Device Name
	Driver Name

Category	Attribute 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

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

Category	Attribute Name
	Preferred DNS Server
	Alternate DNS Server
<b>IRQ</b>	IRQ Number
	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

Category	Attribute Name
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Lun	Lun
	Size
	Type
	OS Lun Name
	WWULN
Main Chassis	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	
Media	Vendor
	Type
	Part Number
	Speed
	Revision
	Serial Number
Memory	Device Name
	Size
	Speed

Category	Attribute Name
	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
<b>Memory Usage</b>	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached

Category	Attribute Name
<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
	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

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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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>
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
	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	

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

Category	Attribute Name
	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
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
<b>PCIe SSD Extender</b>	Name

Category	Attribute Name
	State
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Port	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
	Loop Reset Delay
	Manufacturing Id
	Misc Information
Model	

Category	Attribute Name
	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 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

Category	Attribute Name
Power Supply	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
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
Processor	Connector Name
	Manufacturer
	Family
	Processor Brand

Category	Attribute Name
	Version
	Core Count
	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

Category	Attribute Name
	Port ID
	iSCSI HBA
	IP Address
	Manufacturer
	Driver Version
<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

Category	Attribute 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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute 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
	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

Category	Attribute Name
	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
	Vendor ID Code
	Product ID Code
	Product Revision Number
	Manufacturer
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number

Category	Attribute Name
	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
<b>Validation</b>	Model
<b>Virtualization Technology(VT)</b>	Technology
	Capable
	Enabled
<b>Voltages</b>	Probe Name

Category	Attribute 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
	State
	Status

Category	Attribute Name
	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

Category	Attribute Name
	Vendor ID
	Device ID
	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	

Category	Attribute Name
	Negotiated Speed
	Product ID
	Manufactured Year
	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

Category	Attribute Name
	Vendor ID
<b>Channel</b>	Name
	Device Location
	Parent Location
	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	

Category	Attribute Name
	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
	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

Category	Attribute Name
	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>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

Category	Attribute Name
	Serial Number
	Lun Count
	Status
Disk Usage	File System
	Size
	Used
	Available
	Use
	Mounted On
Display	Name
	Value
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Driver Modprobe Configuration	Command
	Module Name
	Options
Driver Settings	Link
	HBA Instance
Drivers	Name
	Module Path
Drivers Loaded Module	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
Enclosure	ID
	Name
	State
	Status
	Health Status
	Connector
	Firmware Version

Category	Attribute Name
	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>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

Category	Attribute Name
	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
	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

Category	Attribute 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
	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

Category	Attribute Name
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
iSCSI Disk	Disk
	Path Selection Policy
	Storage Array Type
iSCSI File System	Partition Name
	File System Path
	VMFS UUID
	VMFS Extent
	VMFS Volume
iSCSI Initiator	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
	iSCSI Path
Adapter	
Target	
Lun	
Status	
Preferred	
iSCSI Session Data	Session ID

Category	Attribute Name
	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
	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

Category	Attribute Name
<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)
	Maximum Capacity (MB)
	Slots Available

Category	Attribute Name
	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>Network</b>	Link Status
	Duplex

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

Category	Attribute Name
	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
	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

Category	Attribute Name
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
	Number Of Non iSCSI Interfaces
	Number Of iSCSI Interfaces
<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

Category	Attribute 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
	IPv6 Address Name

Category	Attribute 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>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

Category	Attribute Name
	Asset Tag
Partition	Name
	Capacity
	Free
	Used
PCIe SSD Extender	Name
	State
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
	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	

Category	Attribute Name
	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
	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

Category	Attribute Name
<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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute 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
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
	<b>Screen Attribute</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

Category	Attribute Name
	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
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control

Category	Attribute Name
	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
	Overall Status
	Power State
	Processor Type
	Reboot Required
	Software iSCSI Enabled
Update Version	
<b>Services</b>	Services
	State

Category	Attribute Name
<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
	Value
<b>System Security</b>	Description
	Value
<b>Tape Drive</b>	Name
	Firmware Version
	Description
	Device Location

Category	Attribute Name
	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
	Manufacturer
	Product
	Serial
	Version
<b>USB Controller Information</b>	Controller Information
	Serial Number

Category	Attribute Name
<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
Attributes	
End Point Maximum Packet Size	
Interval Between Transfers	
<b>USB Root Hub</b>	Bus
	Device

Category	Attribute Name
	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
	Controller ID
Virtual Disk ID	
<b>Virtual Machine</b>	Name
	Version

Category	Attribute Name
	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
	Teaming Policy
	Active Adapters
	Standby Adapters

Category	Attribute Name
	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
	Minimum Failure Threshold
	Minimum Warning Threshold

Category	Attribute Name
	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
64-bit Support	Technology
	Capable
	Enabled
Adapter	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	

Category	Attribute Name
	TCP iplo enabled
	Tx
	Tx Check Summing
	UDP Fragmentation Offload
	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>
Version	
Release Date	

Category	Attribute Name
BIOS Boot Settings	Description
	Value
Bios Setup	Attribute
	Settings
Boot Settings	Description
	Value
Connector	Name
	State
	Connector Type
	Status
	Health Status
Controller Dependency	Controller ID
CPU Details	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	

Category	Attribute Name
	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
	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	

Category	Attribute Name
	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
<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

Category	Attribute Name
	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
	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

Category	Attribute Name
File System	Free
	Mount Point
	Mounted
	Size
	Type
	Volume Name
Firmware	Version
	Name
Front Panel	Power Button
	NMI Button
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
General	Attribute
	Settings
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
Hardware Performance	Probe Name
	Status
	Cause
HBA Onboard Setting	Adapter Name
	FC Firmware Version
	Driver Version
	BIOS Version
	EFI Version
	Flash Firmware Version
	Device Queue Depth
	Host Adapter
	Loop State

Category	Attribute Name
	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
	License
	License Expiration
	Maintenance Mode
	Make
	Maximum EVC Mode Key
	Memory Capacity
	Memory Free
	Memory Used
	Model
	Network Adapters
	OS Version
	Overall Status

Category	Attribute Name
	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
<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

Category	Attribute Name
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	Interrupts Per CPU
	Device
	Type
iSCSI Adapter	Manufacturer
	Firmware Version
	Driver Version
	HBA Model
	Port ID
	Serial Number
	IP Address
	Default Gateway
	Subnet Mask
	iSCSI Name
	Adapter Name
	Driver Series
	State
	Description
	Is Software Based
	iSCSI Discovery Portal
	MAC Address
	NIC Binding
iSCSI Offload Engine	
iSCSI Disk	Disk
	Target
	Path Selection Policy
	Storage Array Type
iSCSI Disk Detail	Runtime Name

Category	Attribute 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>	Runtime Name
	Adapter
	Target
	Lun
	Status
	Preferred
<b>Kernel Module Info</b>	File Name
	Id
	Loaded
	Name
	Option String
	Use Count
	Version

Category	Attribute Name
Kernel NICs	mkNIC
	Port Group
	vSwitch
	IP Family
	IP Address
	Netmask
	Broadcast
	MAC Address
	MTU
	TSO MSS
	Enabled
	Type
	TOE
	TSO
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Logical Network Portal	Adapter Name
	VmkNIC
	MAC Address
	MAC Address Valid
	Compliant
Main Chassis	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

Category	Attribute Name
	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

Category	Attribute Name
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	IP Address
Network	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

Category	Attribute Name
	TOE Enabled
	Driver Version
	Firmware Version
	Type
	Transmitted Error Packets
	Received Alignment Errors
	Received Internal MAC Receiving Errors
	IPv6 Address
	DHCPv6 Server
	Default Gateway
	Image Path
	Received Unknown Protocols
	DHCP Server
	Subnet Mask
	Link Status
	Received Good Frames
	Received Bad Frames
	Transmitted Broadcast Packets
	Received Broadcast Packets
	Transmitted Bad Frames
	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

Category	Attribute Name
	Transmitted Good Frames
	Base Memory Address
	DMA List
	Transmitted Deferred Transmits
	Transmitted Single Collision Frames
	Transmitted Discarded Packets
	Received Multicast Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Vendor
	Transmitted Multicast Packets
	Prefix Length
	Transmitted Excessive Collisions
	Name
<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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
<b>Network Team List</b>	Vir NIC Id
<b>NIC Configuration</b>	Channel Number
	Primary Network
	Failover Network

Category	Attribute Name
<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
	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

Category	Attribute Name
	DHCP
	Device Name
	IP Address
	MAC Address
	MTU
	Name
	Subnet Mask
	Teaming Policy
	Uplinks
	Used Ports
	VLAN ID
<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
	Type
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Power Monitoring Capable

Category	Attribute Name
	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
	Current Speed
	State
	Status
	Voltages
	Occupied
<b>Processor Settings</b>	Description
	Value
<b>Raw Device Mapping</b>	Compatibility Mode
	Vendor
	Model

Category	Attribute Name
	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
	DRAC/iDRAC User Privilege
<b>Removable Flash Media</b>	Connector Name
	State
	Storage Size (MB)
	Status
	Health Status
<b>SAN Statistics</b>	Adapter Name

Category	Attribute 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
	Baud Rate
<b>Serial Port Configuration</b>	Channel Number
	Connection Mode Settings
	Baud Rate

Category	Attribute Name
	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
	Value

Category	Attribute Name
<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

Category	Attribute Name
<b>Virtual Disk</b>	Bus Protocol
	Cache Policy
	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>
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	

Category	Attribute Name
	Memory
	Tools Status
Virtualization Technology(VT)	Technology
	Capable
	Enabled
VMWare Advanced Logs	Advanced Log File Path
Voltages	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
vSwitch	Name
	Number of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
	Teaming Policy
	Standby Adapters
	Active Adapters
	Unused Adapters
	ISCSI
Controller	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

Category	Attribute Name
	Controller
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	Technology
Non 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 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	
iSCSI VM NIC	Auto Negotiate
	Device Id
	Driver Name
	Driver Version
	Duplex
	Firmware Version

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
<b>Array Disks</b>	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
Model Number	
Name	
Negotiated Speed	

Category	Attribute Name
	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
	<b>Controller Battery</b>
Name	
Predicted Capacity Status	
Learn State	
Next Learn Time	
Maximum Learn Delay	
State	
Health Status	
Status	
Learn Mode	
Recharge Count	
Maximum Recharge Count	

# Items reported from storage devices

## 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

Category	Attribute Name
	Admin State
	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

Category	Attribute Name
	Physical RAM (GB)
	Controller Battery Status
	Controller Role
	Member 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
<b>Disks</b>	Member Name
	Serial Number

Category	Attribute Name
	Size (GB)
	Disk Number
	Model
	Firmware Revision
	Error
	Disk RPM
	Type
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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 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

Category	Attribute Name
	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
<b>Volume Dependency</b>	Volumes
	Name
	Size
	Snapshots
	Status
	Connections
	Permission
	Type
<b>Synchronization-Replicated Volume</b>	Active Pool Name
	Alternate Pool Name
	Synchronization-Replicated Volumes

Category	Attribute Name
	Synchronization Replication Status
Storage Container	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
Volume Folder	Name
Volume	Disk Folder
	Index
	Name
	Replay Profile
	Serial Number
	Size
	Status
	Storage Profile
	Storage Type
	Active Space
	Device ID
	Free Size
	Host Cache Enabled
	In Recycle Bin
	Live Volume Configured
	Mapped
Destination Controller SSN	
Volume Folder Path	
Replay Profile	Index

Category	Attribute Name
	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
	HBA Present
	Path Count
	Server Folder Path

Category	Attribute Name
	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

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

Category	Attribute Name
	AC Failure
	DC Failure
	DC Ovr Volt
	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	

Category	Attribute Name
	Received Paused Frames
	iSCSI FD Control Group IP
SAS IO Card	Description
	Fault Domain
	Name
	Purpose
	Slot
	Slot Port
	Slot Type
	Status
	World Wide Name
FC IO Card	Description
	Device Type
	Fault Domain
	Mac Address
	Name
	Slot
	Slot Port
	Slot Type
	Speed
	Status
	World Wide Name
iSCSI Virtual Port	Current Physical Port
	Fault Domain
	Name
	Slot Type
	Status
	World Wide Name
	iSCSI Name
	Current Physical Port
	Preferred Physical Port
	Controller
FC Virtual Port	Current Physical Port
	Fault Domain

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
System	Management IP
	Name
	Read Cache Setting
	Read Cache Status
	Storage Center Id
	Write Cache Setting
	Write Cache Status
Enclosure	Aside Firmware
	Bside Firmware
	Critical Condition
	Logical Id
	Model
	Name
	Non Critical Condition
	Revision
	Shelf Id
	Unrecoverable Condition
	Enclosure Type
	Service Tag
IO Module	Name
	Phy Lane Status
	Position
	Status
	Swap Detected
Disk	ByPassA Side
	ByPassB Side
	Enclosure
	Fault Sensed
	Indicator
	Position
	Product
	Status
	Swap Detected
	Vendor

Category	Attribute Name
	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
	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

Category	Attribute Name
	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>
Name	
Type	
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	

Category	Attribute Name
	Path Count
	Connected To All Controllers
Cluster	Index
	Name
	Server folder
Storage Center	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
Cache Back Up Device	Capacity
	Date Of Manufacture
	Location
	Manufacturer
	Part Number
	Product ID
	Revision Level
	Serial Number
	Status
	Type
Disk Group	Capacity
	Current Owner
	Enclosure Loss Protection
	Physical Disk Type
	RAID Level
	Status
	Disk Group Spares

Category	Attribute Name
<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
<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

Category	Attribute Name
	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
	Flush Write Cache After
	LUN
	Media Scan With Consistency Check
	Modification Priority

Category	Attribute Name
	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>
<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
	Location

Category	Attribute Name
	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

Category	Attribute Name
	SSID
	Segment Size
	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

Category	Attribute Name
<b>iSCSI Host Port</b>	Current Port Speed
	Duplex Mode
	Duplicate Address Detection Transmit Count
	Hop Limit
	ICMP Ping Responses
	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

Category	Attribute Name
	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
	Firmware Version
	NVSRAM 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
	NVSRAM Version
	Number Of Copies Allowed
	Number Of Copies Used
	Number Of Expansion Enclosures
	Number Of Expansion Enclosures Allowed
Number Of Partitions Allowed	

Category	Attribute Name
	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
	Number Of Replication Used
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute 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
<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

Category	Attribute Name
	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

## Force10 or Networking

Table 13. Attributes

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

Category	Attribute Name
	Tray Status
	Fan0
	Fan0 Speed
	Fan1
	Fan0 Speed
Fan Tray	Tray
	Status
	Speed
	Temperature
	Fan1 Status
	Fan2 Status
	Fan3 Status
	Fan4 Status
	Fan5 Status
	Fan6 Status
	Fan7 Status
	Fan8 Status
	Fan9 Status
Interface	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	

Category	Attribute Name
	BPDU Guard
	Subnet Mask
	LLDP
	VLAN Mode
	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>	Unit
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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>
Status	
<b>Power Supply Port Extender</b>	Unit
	Bay
	Status
	Type
	Fan Status
	Fan Speed
<b>Protocol Information</b>	SSH
	Telnet

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	ECP Rx
	ECP Tx Acknowledgment
Storm Control Configuration	Interface
	Direction
	Packets Per Second
	Percentage
	Wred Profile
	Type
TC Group Local	TC Group
	Priority
	Bandwidth (%)
	TSA
Temperature Sensor	Temperature
	Voltage Status
Thermal Sensor	S0
	S1
	S2
	S3
	S4
	S5
	S6
	S7
	S8
	S9
	S10
	S11
	S12
Unit	Model
	Unit Number
	Management Status
	Switch Status
	Detected Code Version
	Service Tag
	Reload Type

Category	Attribute Name
	Burned in MAC
	Serial Number
	Up Time
	Chassis ID
VLAN	VLAN ID
	Name
	Subnet Mask
	Port
	Untagged Ports
	Tagged Ports
	Status
	IP Address
VLT	Domain ID
	Port Channel Name
	Primary Priority
	Backup Destination
	MAC Address
	Unit ID
Category / Section	Local Port ID
	Remote Chassis ID
	Remote Host Name
	Remote Port ID
LLDP Neighbor Information	Local Port ID
	Remote Chassis ID
	Remote Host Name
	Remote Port ID
RSTP	Bridge ID Address
	Bridge ID Priority
	Root ID Address
	Root ID Priority
RPM Card Temperature	Card Number
	Temperature
	Voltage Status
RPM Card Information	Card Number

Category	Attribute Name
	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
<b>Line Card Temperature</b>	Card Number
	Temperature
	Voltage Status

Category	Attribute Name
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

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
	Up Time (Milliseconds)
<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
	Temperature

Category	Attribute Name
<b>Designated Root</b>	Name
	State
	Priority Number
	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	

Category	Attribute Name
	LLDP
	DCBx Port Role
	Port Mode
	VLAN Mode
	Untagged VLANs
	Tagged VLANs
	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

Category	Attribute Name
	Members
	Mode
	Networking
	Spanning Tree
	Service Tag
	Spanning Tree Enabled
	Switch Name
	Vendor Name
<b>Physical Address</b>	VLAN ID
	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

Category	Attribute Name
<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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	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
	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

Category	Attribute Name
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree VLANs
RPVST	Bridge ID Address
	Bridge ID Priority
	RPVST ID
	Root ID Address
	Root ID Path Cost
	Root ID Priority
	Root Port
	Spanning Tree VLANs
LLDP TLV Interface	App Priority
	ETS Config
	ETS Recommend
	Interface
	LLDPTLV Interface
	Priority Flow Control
Spanning Tree Interface	Port Fast
	Cost
	Priority Number
	Name
	Restricted Port
	Role
	State
	Status
Data Center Bridging	Data Center Bridging
Traffic Class Group Traffic Class Mapping	Traffic Class
	Traffic Class Group
Priority Flow Control	Drop Priorities
	No Drop Priorities
	Operational Status
	Port
iSCSI	COS

Category	Attribute Name
	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
<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

Category	Attribute 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
	Wavelength In Units nm
<b>FC Information</b>	Domain ID
	Fabric
	Switch Role
<b>FC Port Information</b>	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
	Port Index
	World Wide Port Identifier
Port	ID
	Name

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

## Brocade Fibre Channel over Ethernet switches

Table 16. Brocade Fibre Channel over Ethernet switch attributes

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

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>	Cee Map
	Flow Control Mode
	Name
	Provisioning Mode

Category	Attribute Name
<b>Networking</b>	IP Address
	Switch Name
	Description
	Vendor Name
	Spanning Tree Status
	Make
<b>Port Channel</b>	Channel Group
	Hash Algorithm Type
	Ports
<b>Power Supply</b>	Name
	Status
<b>Temperature Sensor</b>	Centigrade
	Fahrenheit
	Sensor ID
	State
<b>Unit</b>	Unit Number
	Number Of FC Ports
	Number Of 10 Gb Ports
	Switch Status
	Model
	Firmware Version
	Up Time
	Factory Serial Number
	Supplier Serial Number
<b>VLAN</b>	Name
	Ports
	State
	VLAN ID
<b>Zone Information</b>	Name
	Port ID
	World Wide Port Identifier
<b>Parent Zone Name</b>	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
	QoS
Fibre Channel Domain	VSAN
	World Wide Port Identifier
	FCID
	Dynamic
	Alias
IP Routes	Serial Number
	IP Route
Name Server Database	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
Networking	Switch Name
	Firmware Version
	Model

Category	Attribute Name
	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
	<b>Port</b>
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

Category	Attribute Name
	Type
	Community String
SNMP Settings	Community
	Group Name
SNMP Trap	Trap Type
	Enabled
Switch Ports	Interface
	Description
	Trunk Mode
	Beacon
	Encapsulation
	Ignore
	Fcrxbb Credit
	Speed (Mbps)
	Mode
	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

Category	Attribute Name
	Fex Description
	Model
	State
	Fex Serial Number
	Chassis Serial Number
	Fabric Port
	Fabric Port State
	Fex Uplink
<b>Interface</b>	Port
	Name
	Status
	Speed
	Duplex
	Type
	Mode
	CoS
	Reason
	Switch Port
	Voice VLAN
	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

Category	Attribute Name
LLDP	LLDP TLV
LACP Neighbor	Age
	LACP Partner Port Priority
	Partner Flag
	Partner Operator Key
	Partner Port Number
	Partner System ID
	Port
	Port State
LACP Port Channel	Local System Identifier
	Member Port List
	Partner System Identifier
LLDP Neighbor	Chassis ID
	Port ID
	Local Port ID
	Port Description
	System Name
	System Capabilities
	System Description
	Enabled Capabilities
	Management Address
	VLAN ID
Module	Module
	Module Number
	Module Type
	Model
	Status
Network Policy Map	MTU
	Network QoS Class Type
	Type
Networking	IP Address
	Host Name
	BIOS Version
	System Version

Category	Attribute Name
	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
	Hello Time
	Max Age
	Priority
<b>Session</b>	Protocol
	Session ID
	VLANs Included
<b>Spanning Tree Interface</b>	Cost
	Interface
	Priority Number

Category	Attribute Name
	Role
	Status
	Type
Transceiver	Port
	Present
	Type
	Name
	Part Number
	Nominal Bit Rate
	Extended ID
VLAN	Name
	Ports
	Status
	VLAN ID
Virtual Port Channel	Active VLANs
	ID
	Keep Alive Status
	Peer Status
	Port
	Status
VPC	Peer Status
	Keep Alive Status
	ID
	Port
	Status
	Active VLANs

## Cisco Catalyst switches

Table 19. Cisco Catalyst switch attributes

Category	Attribute Name
Fan	Name
	Status
Interface	Port

Category	Attribute Name
	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
	Port Channel
MAC Address	
Ports	
Protocol	
Spanning Tree Interface	Cost
	Name
	Priority Number
	Role
	Status
	Type
Switch Temperature	Temperature
	Temperature State
	Temperature Value
Temperature Sensor	Celsius
	Status
Trunk Port	Allowed VLAN
	Encapsulation
	Mode
	Native VLAN
	Port
	Status

Category	Attribute Name
<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
Active Error	Message
	Module ID
	Severity
Assigned MAC and WWN Address	BMC MAC Address
	NIC1 MAC Address
	NIC2 MAC Address
	Name
	Presence
	Type
Chassis	Chassis
Chassis Information	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
	Chassis Module State
Module Name	
Power State	

Category	Attribute Name
<b>Chassis Slot</b>	BIOS Version
	Blade Type
	Host Name
	Mezz B Model
	Mezz B Type
	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

Category	Attribute Name
	Name
	Notifications
	Severity
	Sub Category Description
<b>Extended Power Performance Information</b>	EPP Available Power
	EPP Percentage Available
	EPP Status
	EPP Used Power
<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

Category	Attribute Name
	Manufacturer
	Media Type
	Name
	Negotiated Speed
	Part Number
	Position
	Power Status
	Product ID
	Revision
	Serial Number
	Size
	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

Category	Attribute Name
	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
<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

Category	Attribute Name
	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	

Category	Attribute Name
	Processor Speed
	Software iSCSI Status
	State
	Total Memory
	Virtual Machines
	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

Category	Attribute Name
	Database Instance Name
	Database Name
	Database Server Name
	Evaluation Days Left
	Evaluation Version
	Host
	IP Address
	Licence Type
	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	

Category	Attribute Name
	Vendor
<b>Virtual Machine</b>	CPU Count
	CPU Type
	CPU Utilization
	Disk Count
	Highly Available
	Host
	Host Type
	Location
	Memory Assigned
	NIC Count
	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

Category	Attribute Name
Virtual Network Adapter	Ending IP Address
	Guest MAC Addresses
	Guest VMs
	Host
	Name
	Starting IP Address
	VM Host ID
	VM Host Network Adapters
Virtual Switch	Allow Management OS
	Allow Management OS To Share
	Connection Type
	Network Adapter
	Switch Name
	VLAN ID
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

Category	Attribute Name
	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
	Total Memory
Cluster Host	IP Address
	OS Type
Datastore	Block Size
	Capacity
	Committed
	Extents
	Free Space
	Host Address
	Provisioned
	Remote Host
	Remote Path
	Type
	URL
	VM Count
	Virtual Machine
VMFS Version	

Category	Attribute Name
	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
	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

Category	Attribute 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
	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

Category	Attribute Name
	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
	vSwitch
<b>Raw Device Mapping</b>	Canonical Name
	Compatibility Mode
	Model
	Multipath Policy
	Path Count
	Path Run Time Name
	Path Target

Category	Attribute Name
	UUID
	Vendor
SCSI Adapter	Controller Name
	Controller Position
	Controller Type
SCSI HBA	Adapter Name
	Driver
	Model
	Status
SCSI LUN	Canonical Name
	Capacity
	Device Name
	Model
	Multipath Policy
	Path Count
	Path Runtime Name
	Path Target
	UUID
	VAAI Status
	Vendor
Software	Architecture
	Data Center
	Host
	Version
Tools Info	Tools Auto Update Supported
	Tools Status
	Tools Upgrade Policy
	Tools Version Present
	Tools Version Status
Validate vCenter	Value
Virtual Machine	CPU Count
	CPU Used
	Committed
	Datastore

Category	Attribute Name
	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	
<b>Internet SCSI Host Bust Adapter</b>	Device
	Managed Object Value

Category	Attribute Name
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

Category	Attribute Name
	Host

# Virtual Storage Manager (VSM)

Table 24. VSM attributes

Category	Attribute Name
<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

Category	Attribute Name
	Server Make
	Server Model
	Software Version
<b>Solution</b>	Cluster ID
	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