SupportAssist Enterprise Version 2.0.50

Reportable Items

DELLEMC

Notes, cautions, and warnings

(i) **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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Contents

Introduction

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

- Periodically — At regular intervals, depending on the configured collection frequency. By default, SupportAssist Enterprise is configured to collect system information from your devices once a month.
- On case creation — When a support case is created for an issue that has been identified by SupportAssist Enterprise.

  (i) **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.

(i) **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 2.0.40 User's Guide* at Dell.com/ServiceabilityTools.**

(i) **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 2.0.40 User's Guide* at Dell.com/ServiceabilityTools.**

(i) **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 TOKENn—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
Additional Information	Name
	Version
Advanced Logs Registry Dependency	Value
Amperage	Reading
	Location
Application Log	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
Array Disks	Status
	Connector
	Name
	State
	Bus Protocol
	Revision
	T10 PI (Protection Information) Capable
	Capacity
	Used RAID Disk Space (Bytes)
	Available RAID Disk Space
	Hot Spare
	Vendor
	Product ID
	Serial Number
	Part Number
	Maximum Capable Speed
	Sector Size
	Manufactured Day

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

Category	Attribute
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
	Health Status
Boot-Page Information	Initial
	Maximum
	Current
Boot Settings	Description
	Value
CPU Details	Cache1 Status
	Cache1 Level
	Cache1 Maximum Size
	Cache1 Type
	Cache1 Location
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache2 Status
	Cache2 Level
	Cache2 Maximum Size
	Cache2 Type
	Cache2 Location
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache3 Status
	Cache3 Level
	Cache3 Maximum Size
	Cache3 Type
	Cache3 Location
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	64-Bit Support Capable
	64-Bit Support Enabled
	Hyper Threading Capable

Category	Attribute
	Hyper Threading Enabled
	Virtualization Technology Capable
	Virtualization Technology Enabled
	Demand Based Switching Capable
	Demand Based Switching Enabled
	Execute Disabled Capable
	Execute Disabled Enabled
	Turbo Mode Capable
	Turbo Mode Enabled
	Cache1 Installed Size
	Cache2 Installed Size
	Cache3 Installed Size
	Cache1 Installed Size
	Cache2 Installed Size
	Cache3 Installed Size
Channel	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
Check iDRAC Response	Model
Component Details	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Connector	Name
	State
	Connector Type
	Status
	Health Status
Controller	Name
	Firmware Version

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

Category	Attribute
	Health Status
Battery	Slot Number
	Status
	State
	Next Learn Time
	Recharge Count
	Maximum Recharge Count
	Maximum Learn Delay
	Name
	Learn State
	Learn Mode
	Predicted Capacity Status
	Health Status
	Health Status
Controller Dependency	Value
	Controller ID
Create Goal Config	Description
	Value
Custom Attribute	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DIMM Info	Name
	Description
	Value
DMA List	Channel
	Status
	Device
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Debug Menu	Description
	Value

Category	Attribute
Demand Based Switching(DBS)	Technology
	Capable
	Enabled
	Deprecated
Display	Program
	PNP Device ID
	Adapter Type
	Adapter Description
	Adapter RAM
	Driver Version
	Resolution
	Bits Pixel
	Color Table Entries
	Installed Drivers
	Color Planes
Driver	Name
	Description
	Internal Name
	File Name
	Start
	Type
	Status
	Version
	Company Name
Enclosure	Asset Tag
	Connector
	Status
	Name
	Service Tag
	Firmware Version
	SAS Address
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number
	Alarm
	ID
	Express Service Code

Category	Attribute
	Health Status
	State
	PCIe SSD Extender
	Health Status
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID
	Status
	Reading
	Name
	State
	Health Status
	Health Status
External Enclosure	Controller ID
	ID

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

Category	Attribute
	Identity Info Value
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Hyper Threading(HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
	Status
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	DNS Address Source
	IP Address Source
	Default Gateway

Category	Attribute
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	Caption
	Status
Installed Applications	Name
	Version
	Install Location
	Install Source
	Install Date
	Publisher
	URL Information
Integrated Devices	Description
	Value
Intel Persistent Memory	Description
	Value
Interface Member	Physical Interface
	Team Interface
Internet Explorer	Key
	Value
Intrusion	State
	Probe Name
	Status
	Health Status
	Health Status
Kernel Dump	File Name
	Size (KB)
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Logs Enumeration Dependency	Value
	Value
Main Chassis	Server Asset Tag
	Server Model
	Host Name

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

Category	Attribute
	ECC Type
	Total Installed Capacity
	Total Maximum Capacity
	Total Installed Capacity Available To The OS
	Use
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Ranges	Range
	Device
	Status
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Slot Disablement	Description
	Value
Mini Dump	File Name
	Size (KB)
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
Modules	Internal Name
	Version
	Size
	File Date Time
	Manufacturer
	Source Path
NIC Configuration	Primary Network

Category	Attribute
	Failover Network
	Channel Number
	NIC Selection
	Failover Network
NVDIMM-N Persistent Memory	Description
	Value
NVMe Settings	Description
	Value
Network	Description
	Type
	Interface Name
	Slot Name
	Current MAC Address
	Firmware Version
	Interface Description
	Vendor
	Duplex
	Link Status
	Speed
	Operational Status
	Received Alignment Errors
	Received FCS Errors
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Received Bytes
	Received Broadcast Packets
	Received Multicast Packets
	Received Unicast Packets
	Transmitted Bytes
	Transmitted Broadcast Packets
	Transmitted Multicast Packets
	Transmitted Unicast Packets
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	TOE Enabled

Category	Attribute
	IPv6 Address
	Driver Image Path
	DHCPv6 Server
	IPv4 Address
	Default Gateway
	Received Unknown Protocols
	Connection Status
	DHCP Server
	Subnet Mask
	Received Good Frames
	Received Bad Frames
	TOE Capable
	IPv6 Address Name
	Transmitted Bad Frames
	Received Total Packets
	Transmitted Queue Length
	Received Error Packets
	Driver Name
	IRQ
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Transmitted Discarded Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Prefix Length
	Transmitted Error Packets
	Driver Version
	Transmitted Total Packets
	Received Frames Too Long
	Maximum Transmission Unit
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
	iSOE Capable

Category	Attribute
	FCoE Capable
Network Adapter	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
Network List	Device NIC Id
Network Protocol	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

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

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

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

Category	Attribute
	Status
	Health Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory	Description
	Value
Persistent Memory DIMM Configuration	Description
	Value
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Portal Data	IP Address
	Initiator Name
	Symbolic Name
	Port Number
Power Budget	Power Capping
	Enable Power Capping
Power Headroom	System Instantaneous Headroom
	System Peak Headroom
	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance

Category	Attribute
	OS Control
	Custom
Power Supply	Location
	Firmware Version
	Online Status
	Rated Input Wattage
	Maximum Output Wattage
	Type
	Status
	Power Monitoring Capable
	Health Status
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Problem Devices	Device
	Error Code
	PNP Device ID
Processes	Name
	ID
	Memory Usage (KB)
	VM Size (KB)
	Paged Pool (KB)
	NP Pool(KB)
	Page Faults
	Priority
	Threads
	Handles
	Started
	Path
	IO Reads
	IO Writes
	GDI Objects
	User Objects
	IO Other

Category	Attribute
	Read Bytes
	Write Bytes
	Other Bytes
	CPU Time
Process Memory Details	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)
Processor	Status
	Connector Name
	Processor Brand
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status
	Health Status
Processor Settings	Description
	Value
Redundant OS Control	Description
	Value
Region Configuration	Description
	Value
Region Info	Name
	Description
	Value
Registry	Key

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

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

Category	Attribute
	Settings
Serial Over LAN Configuration	Retry Count
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Service Tag
	Model
	OS Name
Services	Display Name
	Service Name
	State
	Start Mode
	Service Type
	Service Path
	Error Control
	Start Name
Session Connection Data	Connection Id
	Initiator Portal
	Target Portal
	CID

Category	Attribute
Session Device Data	Device Type
	Device Number
	Storage Device Type
	Partition Number
	Friendly Name
	Device Description
	Reported Mappings
	Location
	Initiator Name
	Device Target Name
	Device Interface Name
	Legacy Device Name
	Device Instance
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slot Tree	Device Name
	Bus
	Device
	Function

Category	Attribute
	Device Identifier
Slot Tree Child	Device Name
	Bus
	Device
	Function
	Device Identifier
Slots Dependency	Slot Index
	Primary Key
Startup	Command
	Location
	Program
	User Name
Storage Disk	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
Storage Drives	Name
	Description
	Compressed
	File System
	Size
	Free Space
	Volume Name
	Volume Serial Number
Storage Partition	Partition Disk Index

Category	Attribute
	Partition
	Partition Size (MB)
	Partition Start
	Bootable Partition
	Partition Type
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description
	Value
System Log	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
System Uptime	Current System Uptime
	Total Availability Percentage
	Total Uptime
	Total DownTime
	Total Reboots
	Total Blue Screens
Uptime Log	Time
	Event
	Comment
TPM Advanced Settings	Description
	Value
Tape Drive	Name

Category	Attribute
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
	Status
	Serial Number
Tape Drive Characteristics	Name
	Value
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Reading
	Health Status
	Health Status
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Name
	PNP Device ID
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege

Category	Attribute
Userprofile Dependency	Value
	User Name
Validate Processor	Connector Name
	Status
	External Name
	Occupied
Variables	Variable Value
	User Name
	Variables
	Full Name
	System Variable
Virtual Disk	Device Name
	Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable
	Progress
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
	Health Status
Virtual Disks	Controller ID
	Virtual Disk ID
Virtualization Technology(VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading

Category	Attribute
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold
	Health Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Node Name
	Target Name
	IS ID
	Number Of Connections
	TSID
iSCSI DATA	Initiator Version
	Total Portals

3

Items reported from servers running Linux - Tech Support

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

Table 2. Attributes for server running Linux

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

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

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

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

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

Category	Attribute Name
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Number Of Extenders
	Current Controller Mode
	Non-RAID HDD Disk Cache Policy
	Storport Driver Version
	Persistent Hot Spare
	Health Status
Battery	Slot Number
	Status
	State
	Next Learn Time
	Recharge Count
	Maximum Recharge Count
	Maximum Learn Delay
	Name
	Learn State
	Learn Mode
	Predicted Capacity Status
	Health Status
	Health Status
Controller Dependency	Value
	Controller ID
Create Goal Config	Description
	Value
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DIMM Info	Name
	Description
	Value
DRAC Information	Product
	Description
	Version
	IP Address

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

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

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

Category	Attribute Name
Fan Redundancy	Fan Redundancy Status
	Redundancy Status
Firmware	Name
	Version
	FQDD
	Identity Info Value
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Hyper Threading (HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server

Category	Attribute Name
	IP Address Source
	DNS Address Source
	IP Address Source
	Default Gateway
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
Installed Applications	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
Integrated Devices	Description
	Value
Intel Persistent Memory	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	State
	Probe Name
	Status
	Health Status
	Health Status
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name

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

Category	Attribute Name
	Use
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
Slot Disablement	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
NIC Configuration	Primary Network
	Failover Network
	Channel Number
	NIC Selection
	Failover Network
NVDIMM-N Persistent Memory	Description
	Value

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

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

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

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

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

Category	Attribute Name
	State
	Status
	Health Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory DIMM Configuration	Description
	Value
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Power Budget	Power Capping
	Enable Power Capping
Power Headroom	System Instantaneous Headroom
	System Peak Headroom
	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom

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

Category	Attribute Name
	Core Count
	Version
	Health Status
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
Redundant OS Control	Description
	Value
Region Configuration	Description
	Value
Region Info	Name
	Description
	Value
Remote Access	IPMI Version
	System GUID
	Current DNS Domain
	DNS RAC Name
	MAC Address
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Preferred IPV4 DNS Server
	Alternate IPV4 DNS Server
	VLAN ID
	Priority
	SOL Enabled
	Device Type
	Number Of Current Active Sessions
	Enable IPMI Over LAN

Category	Attribute Name
	Number Of Possible Active Sessions
	Enable VLAN ID
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Enable VLAN ID
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
SATA Disks	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted

Category	Attribute Name
	State
SATA Settings	Description
	Value
SCSI Channel	Name
	State
	Connector Type
	Status
	Health Status
SCSI Controller	ID
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
Screen Attribute	Name
	Value
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Retry Count
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration

Category	Attribute Name
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Service Tag
	Model
	OS Name
Services	Services
	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slots Dependency	Slot Index

Category	Attribute Name
	Primary Key
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description
	Value
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
Tape Drive	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
Tape Drive Characteristics	Name
	Value
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Reading
	Health Status
	Health Status

Category	Attribute Name
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Controller Information	Controller Information
	Serial Number
USB Device	Bus Number
	Level
	Parent Device Number
	Port
	Count Of Devices
	Device Number
	Device Speed
	Maximum Children
	Total Bandwidth
	Number Of Interrupt Requests
	Number Of ISO Chronous Requests
	Version
	Device Class
	Device Sub Class
	Device Protocol
	Maximum Packet Size Of Default Endpoint
	Number Of Configurations
	Vendor ID Code
	Product ID Code
	Product Revision Number

Category	Attribute Name
	Manufacturer
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number
	Number Of End Points
	Interface Class
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege
Validate Processor	External Name
	Is Occupied
	Occupied
Virtual Disk	Device Name
	Name

Category	Attribute Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable
	Progress
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
	Health Status
Virtual Disks	Controller ID
	Virtual Disk ID
Virtualization Technology (VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold
	Health Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State

Category	Attribute Name
	iSCSI Session State

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

Items reported from servers running ESX - Tech Support

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

Table 3. Attributes for Server running ESX

Category	Attribute Name
Additional Information	Version
	Name
Amperage	Reading
	Location
Array Disks	Manufactured Week
	Connector
	Product ID
	Used RAID Disk Space (Bytes)
	Part Number
	Encrypted
	SAS Address
	Device Protocol
	Manufactured Year
	PCIe Maximum Link Width
	Serial Number
	Name
	Hot Spare
	PCIe Negotiated Link Width
	Form Factor
	Remaining Rated Write Endurance
	Capacity
	Negotiated Speed
	Manufactured Day
	ID
	Media Type
	Sector Size
	Status
	Progress
	Failure Predicted

Category	Attribute Name
	T10 PI (Protection Information) Capable
	Certified
	Mirror Set ID
	Encryption Capable
	Available Spare
	Vendor
	Model Number
	Non-RAID HDD Disk Cache Policy
	Driver Version
	Available RAID Disk Space
	Revision
	State
	Bus Protocol
	ISE Capable
	Health Status
	Maximum Capable Speed
	Device Name
	Sub Vendor
	Power Status
Auto Recovery	System Reset Timer
	Action On Hung Operating System Detection
BIOS	Version
	Manufacturer
	Release Date
BIOS Boot Settings	Description
	Value
Battery	Status
	Reading
	Probe Name
	Health Status
Boot GRUB List	Inode
	Number Of Links
	Owner Group
	Size
	Permissions
	Owner Name
	Date Of Modification
	Processes

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

Category	Attribute Name
Channel	Status
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Name
Component Details	Hardware Sub-Device ID
	Software Version
	Description
	Component Type
	Hardware Vendor ID
	Component ID
	Hardware Sub-Vendor ID
	Hardware Device ID
Connector	Status
	Description
	State
	Connector Type
	Class
	Health Status
	Name
	Location
Controller	Firmware Version
	Reconstruct Rate
	Auto Replace Member On Predictive Failure
	Encryption Key Present
	Number Of Connectors
	Name
	Time Interval For Spin Down (Minutes)
	Rebuild Rate
	Allow Revertible Hot Spare And Replace Member
	ID
	BGI Rate
	Slot ID
	Encryption Mode
	Status
	Patrol Read Iterations

Category	Attribute Name
	Spin Down Unconfigured Drives
	T10 Protection Information Capable
	Number Of Extenders
	Alarm State
	Encryption Capable
	Storport Driver Version
	Abort Check Consistency On Error
	Driver Version
	Spin Down Configured Drives
	Patrol Read Mode
	State
	CacheCade Capable
	Patrol Read State
	Patrol Read Rate
	Spin Down Hot Spares
	Cache Memory Size (MB)
	Persistent Hot Spare
	Automatic Disk Power Saving (IdleC)
	Health Status
	Check Consistency Rate
	Load Balance
Battery	Slot Number
	Status
	Recharge Count
	Learn State
	Next Learn Time
	State
	Predicted Capacity Status
	Maximum Learn Delay
	Health Status
	Learn Mode
	Maximum Recharge Count
	Name
Controller Dependency	Controller ID
	Fan Power And Performance Management
	CPU Power And Performance Management
	Memory Power And Performance Management
Custom Attributes	Fan Power And Performance Management

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

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

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

Category	Attribute Name
	Maximum Failure Threshold
Fan Redundancy	Redundancy Status
Firmware	Version
	Name
Front Panel	NMI Button
	Power Button
General	Attribute
	Settings
Hardware Log	Description
	Date And Time
	Severity
	Raw SEL Data
	Health Status
Hardware Performance	Status
	Cause
	Probe Name
Hyper Threading (HT)	Capable
	Technology
	Enabled
IO Ranges	Address Range
	Device
IPv4 Address	Description
	Subnet Mask
	IPv4 Address
IPv6 Address	Prefix Length
	Description
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Link Local Address
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	Default Gateway
	IPv6 Address 2
	IPv6 Address 1
	DNS Address Source
IRQ	IRQ Number
	Type

Category	Attribute Name
	Device
	Interrupts Per CPU
Installed Applications	URL Information
	Size
	Summary
	Publisher
	Install Date
	Name
Integrated Devices	Description
	Value
Interface Member	Team Interface
	Physical Interface
Intrusion	Status
	State
	Probe Name
	Health Status
LCD Information	Enable Remote Indication
	Front Panel LCD Security Access
LCD Line Information	Value
	Name
Main Chassis	Flash Chassis Identify LED State
	System Revision
	Server Service Tag
	Max CPU Sockets
	Flash Chassis Identify LED Timeout value
	System Revision Name
	Index
	Host Name
	System Location
	Server Asset Tag
	Populated CPU Sockets
	Express Service Code
	Fault LED Flash On Severity Level
	Chassis Name
	Server Model
	Chassis Lock
	Device System Id
	Server Module Location

Category	Attribute Name
Memory List	Memory ID
Memory	Status
	Speed
	Type
	Size
	Type Detail
	Rank
	Device Name
	Health Status
	Failures
Memory Array	Total Installed Capacity
	Slots Used
	Failover State
	Use
	ECC Type
	Total Installed Capacity Available To OS
	Maximum Capacity (MB)
	Redundancy Configuration
	Total Maximum Capacity
	Redundancy Status
	Installed Capacity (MB)
	Total Installed Capacity Available To The OS
	Location
	Slots Available
Memory Operating Mode	Failover State
	Redundancy Status
	Memory Operating Mode Configuration
Memory Redundancy	Failover State
	Redundancy Status
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Swap Free
	Swap Cached
	Memory Total
	Memory Shared
	Memory Free
	Cached

Category	Attribute Name
	Buffers
	Swap Total
	Memory Available
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	IP Address
	Description
	Version
	Model
	IP Address Type
	Product
	IP Address Source
	Chassis Service Tag
	Express Service Code
NIC Configuration	NIC Selection
	Failover Network
	Primary Network
	Channel Number
Network	Received Internal MAC Receiving Errors
	Current MAC Address
	Team Name
	Received Frames Too Long
	Interface Name
	Npar EP Enabled
	Transmitted Bad Frames
	Name
	IP Address
	Subnet Mask
	Driver Name
	Transmitted Queue Length
	Transmitted Collisions
	Driver Image Path
	Received Unknown Protocols
	Connection Status
	Transmitted Unicast Packets
	Received Good Frames
	Received Bad Frames
	Received Multicast Packets

Category	Attribute Name
	Transmitted Good Frames
	Transmitted Single Collision Frames
	Received Unicast Packets
	DHCP Server
	Maximum Transmission Unit
	Driver Version
	Slot Name
	Administrative Status
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Carrier Sense Errors
	TOE Enabled
	Image Path
	Base IO Address
	Firmware Version
	Transmitted Error Packets
	Description
	IPv6 Address
	Received Discarded Packets
	Transmitted Total Packets
	Transmitted Multiple Collision Frames
	Received Total Packets
	Transmitted Internal MAC Transmission Errors
	Received Error Packets
	IRQ
	Default Gateway
	Interface Description
	Duplex
	Prefix Length
	Transmitted Discarded Packets
	Base Memory Address
	Transmitted Deferred Transmits
	Default IPv6 Gateway
	Link Status
	Transmitted Bytes
	Speed
	Received Broadcast Packets
	Received Bytes

Category	Attribute Name
	DMA List
	Operational Status
	Vendor
	Transmitted Excessive Collisions
	Received Alignment Errors
	Transmitted Broadcast Packets
	Type
	Received FCS Errors
	DHCPv6 Server
	TOE Capable
Network Adapter	TX Dropped
	IPv6 Address
	Memory
	RX Bytes
	Default Gateway
	TX Packets
	IPv4 Address
	MTU
	TX Overruns
	TX Bytes
	Broadcast
	Subnet Mask
	Collisions
	Carrier
	RX Frame
	Status Characteristics
	RX Overruns
	MAC Address
	Interrupt
	RX Errors
	Tx Queue Length
	Scope
	RX Dropped
	Metric
	TX Errors
	RX Packets
	Adapter Name
Network DNS Configuration	Value

Category	Attribute Name
	Name
Network Host	Value
	Name
Network List	Device NIC Id
Network Team Interface	Received Internal MAC Receiving Errors
	Current MAC Address
	Team Name
	Received Frames Too Long
	Interface Name
	Transmitted Bad Frames
	Driver Name
	Subnet Mask
	Transmitted Queue Length
	Driver Image Path
	Redundancy Status
	Received Unknown Protocols
	Connection Status
	Transmitted Unicast Packets
	Team Interface Transmitted Collisions
	Received Good Frames
	Received Bad Frames
	Received Multicast Packets
	Transmitted Single Collision Frames
	Transmitted Good Frames
	Received Unicast Packets
	DHCP Server
	Driver Version
	Maximum Transmission Unit
	Slot Name
	Administrative Status
	Transmitted Late Collisions
	Transmitted Multicast Packets
	Transmitted Error Packets
	Description
	Received Discarded Packets
	IPv6 Address
	IPv6 Address Name
	Transmitted Total Packets

Category	Attribute Name
	Received Total Packets
	Transmitted Multiple Collision Frames
	Received Error Packets
	Transmitted Internal MAC Transmission Errors
	Default Gateway
	Interface Description
	IPv4 Address
	Prefix Length
	Transmitted Discarded Packets
	Transmitted Deferred Transmits
	Default IPv6 Gateway
	Link Status
	Transmitted Bytes
	Speed
	Received Bytes
	Received Broadcast Packets
	Team Interface Transmitted Carrier Sense Errors
	Operational Status
	Vendor
	Transmitted Excessive Collisions
	Team Type
	Received Alignment Errors
	Transmitted Broadcast Packets
	Received FCS Errors
	Type
	DHCPv6 Server
Network Team List	Vir NIC Id
Execute Disable (XD)	Capable
	Technology
	Enabled
One-Time Boot	Description
	Value
Open Manage	Item
	Version
Operating System	OS Name
	Version
	System Name
	Install Date

Category	Attribute Name
Optical Device	Status
	Firmware Version
	Device Location
	Description
	Asset Tag
	Parent Location
	Manufacturer
	Model Number
	Device Descriptor
	Name
	Serial Number
PCIe SSD Extender	Status
	State
	Health Status
	Name
Peak Statistics	Reading
	Peak Time
	Statistics
	Measurement Start Time
Port	Port Type
	Base IO Addr
	Maximum Speed
	Connector Type
	IRQ Level
	External Name
Portal Data	Portal Address
	Initiator Version
	Portal Port Num
Power Budget	Enable Power Capping
	Power Capping
Power Headroom	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Maximum Potential Power
	System Idle Power
Power Management	Status
	Reading
	Failure Threshold
	Probe Name

Category	Attribute Name
	Health Status
	Warning Threshold
Power Profile	Active Power Controller
	Custom
	Maximum Performance
	OS Control
Power Supply	Rated Input Wattage
	Status
	Type
	Firmware Version
	Online Status
	Power Monitoring Capable
	Health Status
	Maximum Output Wattage
	Location
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Measurement Finish Time
	Reading
	Statistics
	Measurement Start Time
Processes	STAT
	User
	RSS
	Start
	Command
	Memory
	TTY
	CPU
	PID
	Time
	VSZ
Processor	Status
	Voltages
	Occupied
	Maximum Speed
	Connector Name
	External Clock Speed
	Processor Brand

Category	Attribute Name
	Core Count
	Version
	State
	Voltage
	Manufacturer
	Family
	Current Speed
	Health Status
Processor Settings	Description
	Value
Procscsi	Rev
	Type
	Lun
	Channel
	ANSI SCSI Revision
	Model
	Host Summary
	Id
	Vendor
Remote Access	IPv4 Subnet
	System GUID
	Enable IPMI Over LAN
	Priority
	IP Gateway
	Device Type
	IP Address Source
	Enable VLAN ID
	Number Of Possible Active Sessions
	MAC Address
	IPv4 Address
	IPv4 Gateway
	IP Address
	IPMI Version
	VLAN ID
	Number Of Current Active Sessions
	IP Subnet
	SOL Enabled
	IPv4 Address Source

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

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

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

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

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

Category	Attribute Name
	Serial
	Device Class
	Version
	Device
	Manufacturer
	Product
	Device Protocol
	ID
USB Storage	Value
	Name
Remote Access Users	Serial Port User Privilege
	DRAC/iDRAC User Privilege
	User ID
	User Name
	State
	Serial Over LAN Payload
	LAN User Privilege
Validate Processor	Occupied
	Is Occupied
	External Name
Validate SMASH	Chassis Model
	Current Speed
	Caption
Virtual Disk	Status
	Progress
	Hot Spare Policy violated
	Read Policy
	Encrypted
	Size
	T10 Protection Information Capable
	Name
	Disk Cache Policy
	Stripe Element Size
	Layout
	State
	Bus Protocol
	Cache Policy
	Write Policy

Category	Attribute Name
	Health Status
	Device Name
	Media Type
Virtual Disks	Virtual Disk ID
	Controller ID
Virtualization Technology (VT)	Capable
	Technology
	Enabled
Voltages	Status
	Reading
	Minimum Failure Threshold
	Maximum Warning Threshold
	Probe Name
	Minimum Warning Threshold
	Health Status
	Maximum Failure Threshold
iSCSI Session Data	Initiator IP Address
	Initiator Node Name
	Iface Name
	Target Name
	Session ID
	iSCSI Connection State
	iSCSI Session State

Items reported from servers running ESXi - Tech Support

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

Table 4. Attributes for Server running ESXi

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

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

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

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

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

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

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

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

Category	Attribute Name
	Minimum Failure Threshold
	Maximum Failure Threshold
	Status
	Health Status
Fan Redundancy	Redundancy Status
Firmware	Version
	Name
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Hyper Threading (HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
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
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
Installed Applications	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
Integrated Devices	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	Status
	Probe Name
	State
	Health Status
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Main Chassis	Server Model
	System Revision
	Flash Chassis Identify LED State
	Chassis Lock
	Server Service Tag
	Server Asset Tag
	Chassis Name
	Host Name
	Express Service Code
	Fault LED Flash On Severity Level
	System Revision Name
	System Location
	Index
	Server Module Location

Category	Attribute Name
	Flash Chassis Identify LED Timeout value
	Device System Id
	Max CPU Sockets
	Populated CPU Sockets
Memory List	Memory ID
Memory	Size
	Device Name
	Status
	Speed
	Failures
	Type
	Health Status
	Type Detail
	Rank
	Technology
	Non-Volatile Size
	Volatile Size
	Cache Size
	Remaining Rated Write Endurance
Memory Array	Total Installed Capacity
	Total Installed Capacity Available To OS
	Installed Capacity (MB)
	ECC Type
	Location
	Use
	Total Maximum Capacity
	Maximum Capacity (MB)
	Slots Used
	Slots Available
	Failover State
	Redundancy Status
	Redundancy Configuration
	Total Installed Capacity Available To The OS
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State

Category	Attribute Name
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free
	Swap Cached
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	IP Address
	Express Service Code
NIC Configuration	Channel Number
	NIC Selection
	Primary Network
	Failover Network
Network	Current MAC Address
	Interface Description
	Interface Name
	Maximum Transmission Unit
	IP Address
	Transmitted Bytes
	Connection Status
	Operational Status
	Duplex
	Speed
	Base IO Address

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

Category	Attribute Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Base Memory Address
	DMA List
	Transmitted Deferred Transmits
	Transmitted Single Collision Frames
	Transmitted Discarded Packets
	Received Multicast Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Vendor
	Transmitted Multicast Packets
	Prefix Length
	Transmitted Excessive Collisions
	Name
	Driver Image Path
	Npar EP Enabled
	iSOE Capable
	FCoE Capable
Network Adapter	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope
	Status Characteristics
	MTU
	Metric
	Memory
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame

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

Category	Attribute Name
	Received Multicast Packets
	Received Broadcast Packets
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Team Interface Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Team Interface Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	IPv4 Address
	Subnet Mask
	IPv6 Address
	Prefix Length
	IPv6 Address Name
	Administrative Status
	Operational Status
	Type
	Connection Status
	Team Type
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length

Category	Attribute Name
	Redundancy Status
Network Team List	Vir NIC Id
Execute Disable (XD)	Technology
	Capable
	Enabled
	Deprecated
One-Time Boot	Description
	Value
Open Manage	Version
	Item
Operating System	OS Name
	Version
	System Name
	Install Date
Optical Device	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
PCIe SSD Extender	Name
	State
	Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type

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

Category	Attribute Name
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
Processor	Core Count
	Version
	Processor Brand
	Family
	Manufacturer
	Maximum Speed
	External Clock Speed
	Connector Name
	Current Speed
	State
	Status
	Voltages
	Occupied
	Voltage
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type
	ANSI SCSI Revision
Remote Access	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions

Category	Attribute Name
	Enable IPMI Over LAN
	SOL Enabled
	MAC Address
	Enable VLAN ID
	VLAN ID
	Priority
	IP Address Source
	IP Address
	IP Subnet
	IP Gateway
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
SATA Disks	Name
	Device Location
	Parent Location
	Capacity

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

Category	Attribute Name
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Model
	Service Tag
	Operating System
	OS Name
Services	Services
	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
Slot	Slot ID
	Adapter
	Hot Plug Capable
	Adapter Data Bus Width
	Speed
	Slot Length
	Category
	Shared Slot
	PC Card-16
	Card Bus
	Zoom Video
	Modem Ring Resume
	Power Management Enable (PME) Signal
	Type
	Voltage Supply
	Adapter Manufacturer

Category	Attribute Name
	Adapter Description
	ID
	Slot ID
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slots Dependency	Slot Index
	Primary Key
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description
	Value
System Profile Settings	Description
	Value
System Security	Description
	Value
Tape Drive	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
Tape Drive Characteristics	Name
	Value
Temperatures	Probe Name
	Reading
	Minimum Warning Threshold
	Minimum Failure Threshold
	Maximum Warning Threshold

Category	Attribute Name
	Maximum Failure Threshold
	Status
	Health Status
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Controller Information	Controller Information
	Serial Number
USB Device	Bus Number
	Level
	Parent Device Number
	Port
	Count Of Devices
	Device Number
	Device Speed
	Maximum Children
	Total Bandwidth
	Number Of Interrupt Requests
	Number Of ISO Chronous Requests
	Version
	Device Class
	Device Sub Class
	Device Protocol
	Maximum Packet Size Of Default Endpoint
	Number Of Configurations

Category	Attribute Name
	Vendor ID Code
	Product ID Code
	Product Revision Number
	Manufacturer
	Product Description
	Serial Number
	Interface Number
	Alternate Setting Number
	Number Of End Points
	Interface Class
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
Validate Processor	External Name
	Is Occupied

Category	Attribute Name
	Occupied
Validate SMASH	Caption
	Current Speed
	Chassis Model
Virtual Disk	Name
	Encrypted
	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
	Hot Spare Policy violated
	Controller ID
	Virtual Disk ID
Virtualization Technology(VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name

Category	Attribute Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State

Items reported from iDRAC

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

Table 5. iDRAC attributes

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

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

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

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

Category	Attribute Name
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Number Of Extenders
	Current Controller Mode
	Non-RAID HDD Disk Cache Policy
Battery	Slot Number
	Status
	State
	Next Learn Time
	Recharge Count
	Maximum Recharge Count
	Maximum Learn Delay
	Name
	Learn State
	Learn Mode
	Predicted Capacity Status
	Health Status
Controller Dependency	Value
Create Goal Config	Description
	Value
DIMM Info	Name
	Description
	Value
Debug Menu	Description
	Value
Enclosure	Asset Tag
	Connector
	Status
	Name
	Service Tag
	Firmware Version
	SAS Address
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number

Category	Attribute Name
	Alarm
	ID
	Express Service Code
	Health Status
	State
	PCIe SSD Extender
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID
	Status
	Reading
	Name
	State
	Health Status
FRU	Device
	Serial Number
	Part Number
	Revision

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

Category	Attribute Name
LCD Line Information	Name
	Value
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name
	System Revision
	Index
	Server Service Tag
	Chassis Lock
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Express Service Code
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	System Revision Name
	Max CPU Sockets
	Populated CPU Sockets
Memory	Type
	Size
	Status
	Rank
	Type Detail
	Failures
	Speed
	Device Name
	Health Status
	Technology
	Cache Size
	Non Volatile Size
	Volatile Size
	Remaining Rated Write Endurance
Memory Array	Location
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available

Category	Attribute Name
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Maximum Capacity
	Total Installed Capacity Available To The OS
	Use
Memory Settings	Description
	Value
Slot Disablement	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
NIC Configuration	Primary Network
	Failover Network
	Channel Number
NVDIMM-N Persistent Memory	Description
	Value
NVMe Settings	Description
	Value
Network	Description
	Type
	Interface Name
	Slot Name
	Current MAC Address
	Firmware Version
	Interface Description
	Vendor
	Duplex
	Link Status

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

Category	Attribute Name
	IRQ
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Transmitted Discarded Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Prefix Length
	Transmitted Error Packets
	Driver Version
	Transmitted Total Packets
	Received Frames Too Long
	Maximum Transmission Unit
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
Network Settings	Description
	Value
One-Time Boot	Description
	Value
Operating System	OS Name
	Version
PCIe SSD Extender	Name
	State
	Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory DIMM Configuration	Description
	Value
Power Budget	Power Capping
	Enable Power Capping
Power Headroom	System Instantaneous Headroom

Category	Attribute Name
	System Peak Headroom
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
Power Supply	Location
	Firmware Version
	Online Status
	Rated Input Wattage
	Maximum Output Wattage
	Type
	Status
	Power Monitoring Capable
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processor	Status
	Connector Name
	Processor Brand
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status

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

Category	Attribute Name
	Value
Serial Over LAN Configuration	Retry Count
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
Server	Model
	Service Tag
	System Generation
	System ID
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
System Information	Description
	Value
System Performance	Probe Name
	Status

Category	Attribute Name
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
TSR Dependency	Value
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Reading
	Health Status
UEFI Boot Settings	Description
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege
Virtual Disk	Device Name
	Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable
	Progress

Category	Attribute Name
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
Voltages	Probe Name
	Reading
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold
	Health Status

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

Table 6. Attributes for Server running Windows

Category	Attribute Name
ASMME Components	Max Connections Per Member
	Max Devices Per MPIO Session
	Min Adapter Speed
	Use IPv4
	Use IPv6
Adapter Detail	Adapter Name
Additional Information	Name
	Version
Advanced Logs Registry Dependency	Value
Amperage	Reading
	Location
Application Log	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
Applied KBs (Patches)	Hot Fix ID
	Service Pack
Array Disks	Status
	Connector
	Name
	State
	Bus Protocol
	Revision
	T10 PI (Protection Information) Capable
	Capacity
	Used RAID Disk Space (Bytes)

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

Category	Attribute Name
	Sub Vendor
	Available Spare
	Health Status
Auto Recovery	System Reset Timer
	Action On Hung Operating System Detection
BIOS	Release Date
	Version
	Manufacturer
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
	Health Status
Boot-Page Information	Initial
	Maximum
	Current
Boot Settings	Description
	Value
Brocade Adapter	Name
	Model
	Serial Number
	Number of Ports
	Hardware Path
	Type
	Status
	BIOS Version
	Adapter Number
CPU Details	Cache1 Status
	Cache1 Level
	Cache1 Maximum Size
	Cache1 Type
	Cache1 Location
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache2 Status

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

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

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

Category	Attribute Name
	Predicted Capacity Status
	Health Status
	Health Status
Controller Dependency	Value
	Controller ID
Create Goal Config	Description
	Value
Custom Attribute	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
Custom TCP Network Transport Filter	Setting Name
	Protocol
	Remote Port Start
	Remote Port End
	Destination Prefix
	Delayed Ack Frequency
	Delayed Ack Timeout
DCB Information for HW Path	Error Reason
	Time To Live
	Port ID
	Port Description
	System Name
	System Description
	System Cap
	FCoE Logical Link Status
	Network Priority
	DCBCXP Version
DCB Map	CoS
	PG ID
DCBX	Link State
	Link Speed
	Data Center Bridging
	Priority Tagging
	iSCSI HBA Priority
	Priority Flow Control

Category	Attribute Name
	Enhanced Transmission Selection
DIMM Info	Name
	Description
	Value
DMA List	Channel
	Status
	Device
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Debug Menu	Description
	Value
Demand Based Switching(DBS)	Technology
	Capable
	Enabled
	Deprecated
Device Lun Details	Target
	Product ID
	Product Vendor
	Product Type
	Port ID
	Serial Number
	Lun Count
	Status
Disk	Name
	Vendor
	Model
	Description
	Capacity
	Serial Number
	Partition Count
	SAN Attached
	Clustered
	Cluster Disk Name
Display	Program

Category	Attribute Name
	PNP Device ID
	Adapter Type
	Adapter Description
	Adapter RAM
	Driver Version
	Resolution
	Bits Pixel
	Color Table Entries
	Installed Drivers
	Color Planes
Driver	Name
	Description
	Internal Name
	File Name
	Start
	Type
	Status
	Version
	Company Name
Driver Settings	Link
	HBA Instance
Emulex FC HBA	Port WWN
Enclosure	Asset Tag
	Connector
	Status
	Name
	Service Tag
	Firmware Version
	SAS Address
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number
	Alarm
	ID
	Express Service Code
	Health Status
	State

Category	Attribute Name
	PCIe SSD Extender
	Health Status
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID
	Status
	Reading
	Name
	State
	Health Status
	Health Status
Ethernet Information	MAC Address
	Factory MAC Address
	State
	OS Eth Device

Category	Attribute Name
	CNA DCB State
	Beacon Status
	Port Mode
	HW Path
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device Id
External Enclosure	Controller ID
	ID
FC Adapter	CLI Software Installed
	CLI Software Version
	Number of FC HBA Connected to Host
	Manufacturer
Fiber Channel Controller	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
	Serial Number
Fiber Channel HBA Port	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
FCoE Information	MAC Address
	State
	Max Frame Size
	Receive BB Credits
	Transmit BB Credits
	Quality of Service

Category	Attribute Name
	Target Rate Limiting
	TRL Default Speed
	SCSI Queue Depth
	PBind Status
	VLAN ID
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device Id
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Health Status
	Health Status
Fan Redundancy	Fan Redundancy Status
	Redundancy Status
Firmware	Name
	Version
	FQDD
	Identity Info Value
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Group Binding	Bind by World Wide Port Name
	Bind by Port ID
Group Persistent	Present and New Targets
	Present Targets

Category	Attribute Name
HBA Dependency	Value
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Host Summary	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
Connector	Name
	Status
	Description
	Location
	Class
	Health Status
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
HostPort	Bus Device Function
	Port Number
	Host Name
	Model
	Serial Number
	Description

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

Category	Attribute Name
	Sub Device ID
	Port WWN
	Node WWN
	MAC Address
	Adapter Id
	Function ID
	Port Mode
	Port Instance
	Media Type
	Speed
	CNA DCB State
	Beacon Status
Hyper Threading(HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
	Status
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	DNS Address Source
	IP Address Source
	Default Gateway
	Link Local Address
	DNS Address Source

Category	Attribute Name
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	Caption
	Status
iSCSI NIC Connections	Intiator Port
Installed Applications	Name
	Version
	Install Location
	Install Source
	Install Date
	Publisher
	URL Information
Integrated Devices	Description
	Value
Intel Persistent Memory	Description
	Value
Interface Member	Physical Interface
	Team Interface
Internet Explorer	Key
	Value
Intrusion	State
	Probe Name
	Status
	Health Status
	Health Status
Kernel Dump	File Name
	Size (KB)
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Logs Enumeration Dependency	Value
Logs Registry Dependency	Value
Lun	Lun
	Size
	Type
	OS Lun Name

Category	Attribute Name
	WWULN
MPIO/HitKit Components	Load Balance Type
	Use MPIO For Snapshots
	EHCM Service Status
MPIO Settings	MPIO Disk
	LB Policy
	System Disk
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name
	System Revision
	Index
	Server Service Tag
	Chassis Lock
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Express Service Code
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	System Revision Name
	Max CPU Sockets
	Populated CPU Sockets
Manufacturer FROM AdapterList FETCH FIRST ROWS ONLY	Make
	Adapter Name
	Bus Type
	ASIC Version
	Boot Code Version
	Firmware Version
	iSCSI Boot Version
	FCoE Boot Version
	PXE Boot Version
Media	Vendor
	Type
	Part Number
	Speed

Category	Attribute Name
	Revision
	Serial Number
Memory List	Memory ID
Memory	Type
	Size
	Status
	Rank
	Type Detail
	Failures
	Speed
	Device Name
	Health Status
	Technology
	Cache Size
	Non Volatile Size
	Volatile Size
	Remaining Rated Write Endurance
	Non-Volatile Size
	Remaining Rated Write Endurance
	Health Status
Memory Array	Location
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Maximum Capacity
	Total Installed Capacity Available To The OS
	Use
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Ranges	Range
	Device
	Status
Memory Redundancy	Redundancy Status
	Failover State

Category	Attribute Name
	Redundancy Configuration
Memory Settings	Description
	Value
Slot Disablement	Description
	Value
Mini Dump	File Name
	Size (KB)
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	IP Address
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	Express Service Code
Modules	Internal Name
	Version
	Size
	File Date Time
	Manufacturer
	Source Path
Multi Function	Function
	Ndis
	iSCSI
	FCoE Information
	PFC Status
NDIS	Port Identifier
	MAC Address
	Description
NIC Binding Order	Adapter Name
	Protocols
	Connection Type
NIC Configuration	Primary Network
	Failover Network
	Channel Number

Category	Attribute Name
	NIC Selection
	Failover Network
NIC Registry	Name
	Value
NVDIMM-N Persistent Memory	Description
	Value
NVMe Settings	Description
	Value
Network	Description
	Type
	Interface Name
	Slot Name
	Current MAC Address
	Firmware Version
	Interface Description
	Vendor
	Duplex
	Link Status
	Speed
	Operational Status
	Received Alignment Errors
	Received FCS Errors
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Received Bytes
	Received Broadcast Packets
	Received Multicast Packets
	Received Unicast Packets
	Transmitted Bytes
	Transmitted Broadcast Packets
	Transmitted Multicast Packets
	Transmitted Unicast Packets
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	TOE Enabled

Category	Attribute Name
	IPv6 Address
	Driver Image Path
	DHCPv6 Server
	IPv4 Address
	Default Gateway
	Received Unknown Protocols
	Connection Status
	DHCP Server
	Subnet Mask
	Received Good Frames
	Received Bad Frames
	TOE Capable
	IPv6 Address Name
	Transmitted Bad Frames
	Received Total Packets
	Transmitted Queue Length
	Received Error Packets
	Driver Name
	IRQ
	Team Name
	Default IPv6 Gateway
	Transmitted Collisions
	Transmitted Good Frames
	Transmitted Discarded Packets
	Transmitted Carrier Sense Errors
	Received Discarded Packets
	Administrative Status
	Prefix Length
	Transmitted Error Packets
	Driver Version
	Transmitted Total Packets
	Received Frames Too Long
	Maximum Transmission Unit
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
	iSOE Capable

Category	Attribute Name
	FCoE Capable
Network Adapter	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
Network Driver Interface Specification	Adapter Name
	Slot Number
	Family Firmware
	MAC Address
	IPv6 Address
	IPv4 Address
	Driver Version
	Driver Date
	Offload Capabilities
	MTU
Network List	Device NIC Id
Network Protocol	Name
	Connectionless Service
	Guarantees Delivery
	Guarantees Sequencing
	Maximum Address Size

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

Category	Attribute Name
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Team Interface Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Team Interface Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	IPv4 Address
	Subnet Mask
	IPv6 Address
	Prefix Length
	IPv6 Address Name
	Administrative Status
	Operational Status
	Type
	Connection Status
	Team Type
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	Redundancy Status
Network Team List	Vir NIC Id

Category	Attribute Name
Execute Disable(XD)	Technology
	Capable
	Enabled
	Deprecated
OME Log Dependency	Value
One-Time Boot	Description
	Value
Open Manage	Name
	Version
Operating System	Total Physical Memory (GB)
	Total Virtual Memory (GB)
	Available Physical Memory (GB)
	Available Virtual Memory (GB)
	SMBIOS Version
	OS Name
	Other OS Description
	OS Manufacturer
	Windows Directory
	System Directory
	Boot Device
	Locale
	System Manufacturer
	System Model
	System Type
	User Name
	Version
	Time Zone
	OS Install Date
	BIOS Version
	BIOS Release Date
	Hardware Abstraction Layer
	System Name
	Page File Size
	Page File Name
Optical Device	Name
	Status
	Firmware Version
	Device Descriptor

Category	Attribute Name
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Serial Number
PCIe SSD Extender	Name
	State
	Status
	Health Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory	Description
	Value
Persistent Memory DIMM Configuration	Description
	Value
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Port Detail	HBA ID
	HBA Model
	Firmware Version
	Port ID
	iSCSI Name
	IP Address
	Default Gateway
	Subnet Mask
	MAC Address
	Is Software Based
	Link Status

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

Category	Attribute Name
	Health Status
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Priority Group Mapping	Priority Group ID
	Priority Group
	Bandwidth (%)
Priority Group Table	PG ID
	Weight
	PFC Status
Problem Devices	Device
	Error Code
	PNP Device ID
Processes	Name
	ID
	Memory Usage (KB)
	VM Size (KB)
	Paged Pool (KB)
	NP Pool(KB)
	Page Faults
	Priority
	Threads
	Handles
	Started
	Path
	IO Reads
	IO Writes
	GDI Objects
	User Objects
	IO Other
	Read Bytes
	Write Bytes
	Other Bytes
	CPU Time

Category	Attribute Name
Process Memory Details	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)
Processor	Status
	Connector Name
	Processor Brand
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status
	Health Status
Processor Settings	Description
	Value
Redundant OS Control	Description
	Value
Region Configuration	Description
	Value
Region Info	Name
	Description
	Value
Registry	Key
	Attribute Name
	Attribute Type
	Attribute Value
Remote Access	IPMI Version

Category	Attribute Name
	System GUID
	Current DNS Domain
	DNS RAC Name
	MAC Address
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Preferred IPV4 DNS Server
	Alternate IPV4 DNS Server
	VLAN ID
	Priority
	SOL Enabled
	Device Type
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	Number Of Possible Active Sessions
	Enable VLAN ID
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Enable VLAN ID
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SAS Adapter Card Manufacturer	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
SAS Adapter	Name
	Firmware Version
	Driver Version
	Model

Category	Attribute Name
	Vendor ID
	Sub Vendor ID
	Device ID
	Sub Device ID
	Location
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate
	Reconstruct Rate
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present
	T10 Protection Information Capable
	Encryption Capable
	Patrol Read State
	Patrol Read Iterations
	Alarm State
	Automatic Disk Power Saving (IdleC)
	Number Of Connectors
	Time Interval For Spin Down (Minutes)
	ID
	Status
	Auto Replace Member On Predictive Failure
	Spin Down Unconfigured Drives
	Storport Driver Version
	Allow Revertible Hot Spare And Replace Member
	Abort Check Consistency On Error
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Description

Category	Attribute Name
	Storport Driver Version
	Persistent Hot Spare
	Health Status
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
	Serial Number
SATA Disks	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
	State
SATA Settings	Description
	Value
SCSI Channel	Name
	State
	Connector Type
	Status
	Health Status
SCSI Controller	ID
	Name
	State

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

Category	Attribute Name
	Operating System Version
	Architecture
	Physical Machine
	Service Pack
	Cluster Member
	Cluster Name
	iSCSI Initiator Version
	HyperV
	Dell Hitkit ASM/ME Version
	Dell Hitkit ASM/ME Installed
	Dell Hitkit ASM/VE Version
	Dell Hitkit ASM/VE Installed
	EqlDSM Version
	MSDSM Version
	EqlDSM Link Date
	MSDSM Link Date
Services	Display Name
	Service Name
	State
	Start Mode
	Service Type
	Service Path
	Error Control
	Start Name
Session Connection Data	Connection Id
	Initiator Portal
	Target Portal
	CID
Session Device Data	Device Type
	Device Number
	Storage Device Type
	Partition Number
	Friendly Name
	Device Description
	Reported Mappings
	Location
	Initiator Name
	Device Target Name

Category	Attribute Name
	Device Interface Name
	Legacy Device Name
	Device Instance
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slot Tree	Device Name
	Bus
	Device
	Function
	Device Identifier
Slot Tree Child	Device Name
	Bus
	Device
	Function
	Device Identifier
Slots Dependency	Slot Index
	Primary Key
Startup	Command
	Location

Category	Attribute Name
	Program
	User Name
Storage Disk	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
Storage Drives	Name
	Description
	Compressed
	File System
	Size
	Free Space
	Volume Name
	Volume Serial Number
Storage Partition	Partition Disk Index
	Partition
	Partition Size (MB)
	Partition Start
	Bootable Partition
	Partition Type
Subnets Excluded	IP Subnet
Subnets Included	IP Subnet
64-bit Support	Technology
	Capable
	Enabled

Category	Attribute Name
	Deprecated
System Information	Description
	Value
System Log	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
System Uptime	Current System Uptime
	Total Availability Percentage
	Total Uptime
	Total DownTime
	Total Reboots
	Total Blue Screens
Uptime Log	Time
	Event
	Comment
TPM Advanced Settings	Description
	Value
Tape Drive	Name
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number

Category	Attribute Name
	Asset Tag
	Health Status
	Status
	Serial Number
Tape Drive Characteristics	Name
	Value
Temperatures	Status
	Probe Name
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Maximum Failure Threshold
	Reading
	Health Status
	Health Status
Turbo Mode	Technology
	Capable
	Enabled
	Deprecated
UEFI Boot Settings	Description
	Value
USB	Name
	PNP Device ID
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Port User Privilege
	Serial Over LAN Payload
	DRAC/iDRAC User Privilege
Userprofile Dependency	Value
	User Name
VHD	HostResource
	Connection
ValidateHyperV	HyperV
	Operating System Version
Validate Processor	Connector Name
	Status

Category	Attribute Name
	External Name
	Occupied
Validate OMSA Collection	OMSA State
Variables	Variable Value
	User Name
	Variables
	Full Name
	System Variable
Virtual Disk	Device Name
	Name
	Size
	Bus Protocol
	Disk Cache Policy
	Media Type
	Status
	State
	Layout
	Read Policy
	Stripe Element Size
	Write Policy
	T10 Protection Information Capable
	Progress
	Cache Policy
	Hot Spare Policy violated
	Encrypted
	Health Status
	Health Status
Virtual Disks	Controller ID
	Virtual Disk ID
Virtual Hard Disks	Name
	Size
	Format
	Location
	Provisioned Space
	Type
	Description
	Model
	Vendor

Category	Attribute Name
	Serial Number
	SAN Attached
	Clustered
	Cluster Disk Name
Virtual Machine	Name
	Operating System
	State
	Assigned Memory
	CPU Count
	Checkpoints Present
	Highly Available
	VM Additions
	Template
	VMC Path
	Committed
Virtual NIC	Name
	MAC Address
	Type
	VLAN ID
	Virtual Machine Network
Virtual Switches	Switch Name
	Network Adapter
	Connection Type
	Allow Management OS to Share
	VLAN ID
Virtualization Technology(VT)	Technology
	Capable
	Enabled
	Deprecated
Voltages	Probe Name
	Reading
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Minimum Warning Threshold
	Minimum Failure Threshold
	Health Status
	Health Status

Category	Attribute Name
Volumes	Volume Label
	Path
	Format
	Disk Drive ID
	Capacity
	Used Space
	Free Space
	Name
	Physical Disks
	Description
	Vendor
	Model
	Partition Number
	Clustered
	Cluster Shared Volume
	Clustered
Windows ISCSI HBA Registry	Name
	value
Windows Registry	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

Category	Attribute Name
	Disk Path Check Interval
	Disk Path Check Disabled
	Disk Path Check Enabled
	Flush Health Interval
	Gather Health Status
	Retry Count
	Retry Interval
	IO Timeout Value
	PDO Remove Period
	Path Recovery Interval
	Path Verification Period
	Use Custom Path Recovery Interval
	Path Verify Enabled
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Node Name
	Target Name
	IS ID
	Number Of Connections
	TSID
iSCSI	Port Identifier
	MAC Address
	Description
iSCSI Adapter	Manufacturer
	Driver Version
	Serial Number
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
iSCSI DATA	Initiator Version
	Total Portals
iSCSI Ethernet Controller	Number Of iSCSI HBA Interface
iSCSI HBA Interface	Adapter Name
	Slot Number
	MAC Address
	IPv6 Address
	IPv4 Address

Category	Attribute Name
	Driver Version
	Driver Date
	Total Offload iSCSI Connections
	Device Description
	Connection Timeout
	Delayed Acknowledgement
	No Output Interval
	Port Down Timeout
	Flow Control Status
	Speed Duplex
	Maximum iSCSI Connections
	MTU
	Bus Device Function
	Bus Type
	Boot Code Version
	Family Firmware
	iSCSI Boot Version
	PXE Boot Version

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

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

Table 7. Attributes Server running Linux

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

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

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

Category	Attribute Name
	Manufacturer
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
	Health Status
Bonds	BondValue
Boot GRUB List	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
Boot List	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
Boot Menu List	Name
	Value
Boot Settings	Description
	Value
CASE	Name
	Value
CPU Details	Cache1 Status
	Cache1 Level
	Cache1 Maximum Size
	Cache1 Type
	Cache1 Location
	Cache1 Write Policy
	Cache1 Associativity

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

Category	Attribute Name
	Manufacturer
	Connector Type
	Health Status
	Status
Check iDRAC Response	Model
Component Details	Component ID
	Description
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Configured PS Groups	Group Name
	Group IP
Connector	Name
	State
	Connector Type
	Status
	Health Status
	Description
	Location
	Class
Controller	Name
	Firmware Version
	Driver Version
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate
	Reconstruct Rate
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present

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

Category	Attribute Name
	Health Status
Controller Dependency	Value
	Controller ID
Create Goal Config	Description
	Value
Custom Attribute	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DIMM Info	Name
	Description
	Value
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology
	Capable
	Enabled
	Deprecated
Device Lun Details	HBA Instance
	Target
	Product ID
	Product Vendor
	Product Type
	Port ID
	Serial Number
	Lun Count
	Status
Device Map List	Name
	Value
Disk Usage	File System

Category	Attribute Name
	Size
	Used
	Available
	Use
	Mounted On
Display Sub Section	Name
	Value
Driver Modprobe Configuration	Command
	Module Name
	Options
Driver Settings	Link
	HBA Instance
Drivers	Name
	Module Path
Drivers Loaded Module	Internal Name
	Module Size
	Use Count
	Dependent Modules
	Status
EHCM	CPU Percentage
	Mem Percentage
	Process ID
Enclosure	Asset Tag
	Connector
	Status
	Name
	Service Tag
	Firmware Version
	SAS Address
	Configuration
	Asset Name
	Target ID
	Split Bus Part Number
	Alarm
	ID
	Express Service Code
	Health Status
	State

Category	Attribute Name
	PCIe SSD Extender
	Health Status
Enclosure EMM	Status
	Firmware Version
	Part Number
	Name
	State
	Health Status
	Health Status
Fans	Status
	Name
	State
	Speed
	Part Number
	Health Status
	Health Status
Power Supplies	Status
	Name
	Part Number
	State
	Firmware Version
	Health Status
	Health Status
Temperatures	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	ID
	Status
	Reading
	Name
	State
	Health Status
	Health Status
Environment Variable	Variables
	Variable Value
External Enclosure	Controller ID
	ID

Category	Attribute Name
FC Adapter	CLI Software Installed
	CLI Software Version
	Number of FC HBA Connected to Host
	Manufacturer
	Port Down Retry
	MaxQueueDepth
Fiber Channel Controller	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version
	Serial Number
	Vendor Code
	Type
Fiber Channel HBA Port	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Status
	Maximum Failure Threshold
	Maximum Warning Threshold
	Health Status
	Health Status

Category	Attribute Name
Fan Redundancy	Fan Redundancy Status
	Redundancy Status
Firmware	Name
	Version
	FQDD
	Identity Info Value
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Group Binding	Bind by World Wide Port Name
	Bind by Port ID
Group Persistent	Present and New Targets
	Present Targets
Hardware Log	Severity
	Date And Time
	Description
	Raw SEL Data
	Health Status
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Connector	Name
	Status
	Description
	Location
	Class
	Health Status
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
HostPort	Host Name
	Device Name
	Driver Name
	Model
	Status
	Serial Number
	Description

Category	Attribute Name
	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
	Part Number
	Engineering Date Code
	Flash Image Version
	Misc Information
	Manufacturing Id
	Vendor ID
	Device ID
	Sub Vendor ID

Category	Attribute Name
	Sub Device ID
Hyper Threading (HT)	Technology
	Capable
	Enabled
	Deprecated
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	Default Gateway
	Link Local Address
	IPv6 Address 1
	IPv6 Address 2
	Preferred DNS Server
	Alternate DNS Server
	IP Address Source
	DNS Address Source
	IP Address Source
	Default Gateway
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
ISOE Enabled	ISOEAttr
Installed Applications	Application Name
	Package Name
	Name
	Publisher
	Size

Category	Attribute Name
	Summary
	Install Date
Installed Applications	URL Information
Integrated Devices	Description
	Value
Intel Persistent Memory	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	State
	Probe Name
	Status
	Health Status
	Health Status
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Lun	Lun
	Size
	Type
	OS Lun Name
	WWULN
MPIO/HitKit Components	Max Connections Per Member
	Max Mpio Session
	Use IPv4
	Load Balance Type
	iSCSI Initiator
	Max Devices Per MPIO Session
	Use MPIO For Snapshots
	Min Adapter Speed
	IO Per Path
	Chap Discovery
Main Chassis	Server Asset Tag
	Server Model
	Host Name
	System Location
	Chassis Name

Category	Attribute Name
	System Revision
	Index
	Server Service Tag
	Chassis Lock
	Fault LED Flash On Severity Level
	Flash Chassis Identify LED State
	Express Service Code
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	System Revision Name
	Max CPU Sockets
	Populated CPU Sockets
Media	Vendor
	Type
	Part Number
	Speed
	Revision
	Serial Number
Memory List	Memory ID
Memory	Type
	Size
	Status
	Rank
	Type Detail
	Failures
	Speed
	Device Name
	Health Status
	Technology
	Cache Size
	Non Volatile Size
	Volatile Size
	Remaining Rated Write Endurance
	Non-Volatile Size
	Remaining Rated Write Endurance
	Health Status
Memory Array	Location

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

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

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

Category	Attribute Name
	Base Memory Address
	DMA List
	Npar EP Enabled
	Transmitted Deferred Transmits
	iSOE Capable
	FCoE Capable
Network Adapter	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope
	Status Characteristics
	MTU
	Metric
	Memory
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
Network DNS Configuration	Name
	Value
Network Host	Name
	Value
Network List	Device NIC Id

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

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

Category	Attribute Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
PCIe SSD Extender	Name
	State
	Status
	Health Status
	Health Status
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Persistent Memory DIMM Configuration	Description
	Value
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Port Detail	Port ID
	MAC Address
	IP Address
	Gateway
	Link Status
	Subnet Mask
	iSCSI Name
	IP ARP Redirect
	Keep Alive TO
	Execution Throttle
	TCP Nagle

Category	Attribute Name
	AFW Delayed Ack
	Firmware Version
	HBA Model
	Large Frames
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Power Budget	Power Capping
	Enable Power Capping
Power Headroom	System Instantaneous Headroom
	System Peak Headroom
	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Reading
	Probe Name
	Failure Threshold
	Warning Threshold
	Status
	Health Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
Power Supply	Location
	Firmware Version
	Online Status
	Rated Input Wattage
	Maximum Output Wattage
	Type
	Status
	Power Monitoring Capable
	Health Status
	Health Status
Power Supply Redundancy	Number Of Devices Required For FullRedundancy
	Redundancy Status

Category	Attribute Name
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
Processor	Status
	Connector Name
	Processor Brand
	Current Speed
	Occupied
	Maximum Speed
	External Clock Speed
	Voltage
	Manufacturer
	Family
	State
	Core Count
	Version
	Health Status
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model

Category	Attribute Name
	Rev
	Type
	ANSI SCSI Revision
QLOGIC iSCSI HBA	Port instance
	Keep Alive TO
	Serial Number
	Execution Throttle
	AFW Delayed Acknowledgement
	iSCSI Name
	Subnet Mask
	IP ARP Redirect
	Large Frames
	TCP Nagle
	HBA Model
	Firmware Version
	Port ID
	iSCSI HBA
	IP Address
	Manufacturer
	Driver Version
Redundant OS Control	Description
	Value
Region Configuration	Description
	Value
Region Info	Name
	Description
	Value
Remote Access	IPMI Version
	System GUID
	Current DNS Domain
	DNS RAC Name
	MAC Address
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Preferred IPV4 DNS Server
	Alternate IPV4 DNS Server
	VLAN ID

Category	Attribute Name
	Priority
	SOL Enabled
	Device Type
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	Number Of Possible Active Sessions
	Enable VLAN ID
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
	Enable VLAN ID
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SAS Adapter Card Manufacturer	Vendor ID
	Sub Vendor ID
	Device ID
	Sub Device ID
SAS Adapter	Name
	Firmware Version
	Driver Version
	Model
	Vendor ID
	Sub Vendor ID
	Device ID
	Sub Device ID
	Location
	Slot ID
	Cache Memory Size (MB)
	Rebuild Rate
	BGI Rate
	Check Consistency Rate

Category	Attribute Name
	Reconstruct Rate
	Patrol Read Rate
	Patrol Read Mode
	Load Balance
	CacheCade Capable
	Encryption Mode
	Encryption Key Present
	T10 Protection Information Capable
	Encryption Capable
	Patrol Read State
	Patrol Read Iterations
	Alarm State
	Automatic Disk Power Saving (IdleC)
	Number Of Connectors
	Time Interval For Spin Down (Minutes)
	ID
	Status
	Auto Replace Member On Predictive Failure
	Spin Down Unconfigured Drives
	Storport Driver Version
	Allow Revertible Hot Spare And Replace Member
	Abort Check Consistency On Error
	Spin Down Hot Spares
	State
	Persistent Hot Spare
	Spin Down Configured Drives
	Health Status
	Description
	Storport Driver Version
	Persistent Hot Spare
	Health Status
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number

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

Category	Attribute Name
	Retry Interval
	Serial Over LAN Configuration
	Baud Rate
	Minimum Privileges Required
	Character Accumulate Interval
	Character Send Threshold
	Channel Number
	Character Accumulate Interval
	Character Send Threshold
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Service Tag
	Model
	OS Name
Host	Model
	Service Tag
	Make
	Hostname
	Operating System
	Release
	Architecture
	Kernel Release
	Kernel Date
	Kernel Data
	UUID
	System Date
	Dell HitKit Installed
	Dell HitKit Version

Category	Attribute Name
Services	Services
	State
Session Connection Data	Target Portal
Session Device Data	Device Number
	Reported Mappings
	Storage Device Type
	Target Name
	Device Type
Slot	Slot ID
	Adapter Description
	Adapter Data Bus Width
	Type
	Slot Length
	Adapter Manufacturer
	Power Management Enable (PME) Signal
	Speed
	PC Card-16
	Category
	Card Bus
	Hot Plug Capable
	Shared Slot
	Zoom Video
	ID
	Voltage Supply
	Modem Ring Resume
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
Slots Dependency	Slot Index
	Primary Key
Storage Volumes	File System
	Size
	Used Space
	Available Space
	Used Percentage
	Mounted
Subnets Excluded	IP Subnet

Category	Attribute Name
	IP Subnet
64-bit Support	Technology
	Capable
	Enabled
	Deprecated
System Information	Description
	Value
System Performance	Probe Name
	Status
	State
	Reading
System Profile Settings	Description
	Value
System Security	Description
	Value
Tape Drive	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
	Health Status
Tape Drive Characteristics	Name
	Value
Target Name	Name
	Current Portal
	Persistent Portal
	Iface Name
	Iface Initiator name
	Iface IP address
	iSCSI Connection State
	iSCSI Session State
Temperatures	Status

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

Category	Attribute Name
	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
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State

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

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

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

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

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

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

Table 8. Attributes for Server running ESX

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

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

Category	Attribute Name
	ISE Capable
	Non-RAID HDD Disk Cache Policy
	ID
	PCIe Maximum Link Width
	PCIe Negotiated Link Width
	Device Protocol
	Driver Version
	Form Factor
	Sub Vendor
	Available Spare
Auto Recovery	Action On Hung Operating System Detection
	System Reset Timer
BIOS	Manufacturer
	Version
	Release Date
BIOS Boot Settings	Description
	Value
Battery	Probe Name
	Reading
	Status
	Health Status
Boot GRUB List	Inode
	Permissions
	Number Of Links
	Owner Name
	Owner Group
	Size
	Processes
	Date Of Modification
Boot List	Inode
	Rights
	Number
	Owner
	Remote Access Users
	Size
	File Date
	Processes
Boot Menu List	Name

Category	Attribute Name
	Value
Boot Settings	Description
	Value
CPU Details	Cache2 Maximum Size
	Cache1 Location
	Cache2 Location
	Cache3 Location
	Cache3 Maximum Size
	Cache1 Installed Size
	Cache1 Write Policy
	Cache1 Associativity
	Cache1 Error Correction Type
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Installed Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Installed Size
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Type
	Cache3 Level
	Cache3 Status
Channel	Name
	Device Location
	Parent Location
	Manufacturer
	Connector Type
	Health Status
	Status
Component Details	Component ID
	Description

Category	Attribute Name
	Component Type
	Software Version
	Hardware Device ID
	Hardware Vendor ID
	Hardware Sub-Device ID
	Hardware Sub-Vendor ID
Connector	Name
	State
	Connector Type
	Status
	Health Status
	Description
	Location
	Class
	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
	Number Of Extenders
Battery	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
Controller Dependency	Controller ID
Custom Attribute	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
Datastore	Name

Category	Attribute Name
	Type
	VMFS Version
	Capacity
	Provisioned
	Committed
	Free Space
	Remote Host
	Block Size
	Extent Count
	VM Count
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology
	Capable
	Enabled
Device Lun Details	Target
	Product ID
	Product Vendor
	Product Type
	Port ID
	Serial Number
	Lun Count
	Status
Device Map List	Name
	Value
Disk Usage	File System
	Size
	Used
	Available
	Use
	Mounted On
Display	Name
	Value
Display Sub Section	Name
	Value
Driver Modprobe Configuration	Command
	Module Name
	Options

Category	Attribute Name
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
	Connector
	Firmware Version
	Service Tag
	Asset Tag
	Asset Name
	Target ID
	Split Bus Part Number
	Express Service Code
	SAS Address
	Alarm
	Configuration
	Status
	Health Status
	PCIe SSD Extender
Enclosure EMM	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
Fans	Name
	Status
	Health Status
	Part Number
	State
	Speed

Category	Attribute Name
Power Supplies	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
Temperatures	Status
	Health Status
	State
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	ID
	Name
Environment Variable	Variables
	Variable Value
Extent	Canonical Name
	Vendor
	Model
	UUID
	Multipath Policy
	Path Runtime Name
	Path Count
	Path Target
External Enclosure	Controller ID
	ID
FC Adapter	CLI Software Installed
	CLI Software Version
	Number of FC HBA Connected to Host
	Manufacturer
Fiber Channel Controller	Name
	Host WWN
	Vendor Name
	Model
	Firmware Version
	Driver Version

Category	Attribute Name
	Serial Number
	Vendor Code
	Type
Fiber Channel HBA Port	Port Number
	Port WWN
	Port OS Name
	Port Type
	Port Speed
	Port Supported Speed
	Port State
	Port FC ID
FRU	Device
	Serial Number
	Part Number
	Revision
	Manufacturer
	Manufactured Date
Fan	Probe Name
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	Status
	Health Status
Fan Redundancy	Redundancy Status
	Version
	Name
Front Panel	Power Button
	NMI Button
General	Attribute
	Settings
Group Binding	Bind by World Wide Port Name
	Bind by Port ID
Group Persistent	Present and New Targets
	Present Targets
Hardware Log	Severity
	Date And Time

Category	Attribute Name
	Description
	Raw SEL Data
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Connector	Name
	Status
	Description
	Location
	Class
	Health Status
HostPort	Host Name
	Model
	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

Category	Attribute Name
	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
	Misc Information
	Manufacturing Id
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
Host Service	Name
	Startup Policy
	Status
Hyper Threading (HT)	Technology
	Capable
	Enabled
IO Ranges	Address Range
	Device
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	IP Address Source
	IPv6 Address 1
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source

Category	Attribute Name
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	INterruptsPerCPU
	Type
	Device
Installed Applications	Name
	Publisher
	Size
	Summary
	Install Date
	URL Information
Integrated Devices	Description
	Value
Interface Member	Physical Interface
	Team Interface
Intrusion	Status
	Probe Name
	State
	Health Status
Kernel Module Info	File Name
	Id
	Loaded
	Name
	Option String
	Use Count
	Version
Kernel NICs	VmkNIC
	Port Group
	vSwitch
	IP Family
	IP Address
	Netmask
	Broadcast
	MAC Address
	MTU
	TSO MSS
	Enabled

Category	Attribute Name
	Type
	TOE
	TSO
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	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
	System Location
	Index
	Server Module Location
	Flash Chassis Identify LED Timeout value
	Device System Id
	Max CPU Sockets
	Populated CPU Sockets
Media	Vendor
	Type
	Part Number
	Speed
	Revision
	Serial Number
Memory List	Memory ID
Memory	Size

Category	Attribute Name
	Device Name
	Status
	Speed
	Failures
	Type
	Health Status
	Type Detail
	Rank
Memory Array	Total Installed Capacity
	Total Installed Capacity Available To OS
	Installed Capacity (MB)
	ECC Type
	Location
	Use
	Total Maximum Capacity
	Maximum Capacity (MB)
	Slots Used
	Slots Available
	Failover State
	Redundancy Status
	Redundancy Configuration
	Total Installed Capacity Available To The OS
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Memory Usage	Memory Total
	Memory Free
	Memory Available
	Buffers
	Cached
	Memory Shared
	Swap Total
	Swap Free

Category	Attribute Name
	Swap Cached
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Model
	Chassis Service Tag
	Description
	Product
	IP Address Source
	Version
	IP Address Type
	IP Address
	Express Service Code
NIC Configuration	Channel Number
	NIC Selection
	Primary Network
	Failover Network
Network	Current MAC Address
	Interface Description
	Interface Name
	Maximum Transmission Unit
	IP Address
	Transmitted Bytes
	Connection Status
	Operational Status
	Duplex
	Speed
	Base IO Address
	Transmitted Internal MAC Transmission Errors
	Transmitted Late Collisions
	Transmitted Multiple Collision Frames
	Received Frames Too Long
	Transmitted Total Packets
	TOE Capable
	TOE Enabled
	Driver Version
	Firmware Version
	Type
	Transmitted Error Packets

Category	Attribute Name
	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
	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

Category	Attribute Name
	Administrative Status
	Vendor
	Transmitted Multicast Packets
	Prefix Length
	Transmitted Excessive Collisions
	Name
	Driver Image Path
	Npar EP Enabled
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
	Adapter Name
	MAC Address
	IPv4 Address
	Broadcast
	Subnet Mask
	Default Gateway
	IPv6 Address
	Scope
	Status Characteristics
	MTU
	Metric
	Memory
	RX Packets
	RX Errors
	RX Dropped
	RX Overruns
	RX Frame
	TX Errors
	TX Packets
	TX Dropped
	TX Overruns
	Carrier
	Tx Queue Length
	Collisions
	RX Bytes
	Interrupt
	TX Bytes
Network DNS Configuration	Name

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

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
Network Team List	Vir NIC Id
	Technology
	Capable
	Enabled
One-Time Boot	Description
	Value
Open Manage	Version
	Item

Category	Attribute Name
Operating System	OS Name
	Version
	System Name
	Install Date
Optical Device	Name
	Status
	Firmware Version
	Device Descriptor
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Asset Tag
PCIe SSD Extender	Name
	State
	Status
	Health Status
Partition	Name
	Capacity
	Free
	Used
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Port Group	Name
	VLAN ID
	Used Ports
	Uplinks
	Teaming Policy

Category	Attribute Name
	Device Name
	DHCP
	IP Address
	Subnet Mask
	MAC Address
	MTU
	Assigned VMs
Portal Data	Initiator Version
	Portal Address
	Portal Port Num
Power Budget	Enable Power Capping
	Power Capping
Power Headroom	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
Power Supply	Location
	Type
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Power Monitoring Capable
	Status
	Health Status
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time

Category	Attribute Name
	Measurement Finish Time
	Reading
Processes	PID
	User
	CPU
	Memory
	VSZ
	RSS
	TTY
	STAT
	Start
	Time
	Command
	Core Count
	Version
	Processor Brand
	Family
	Manufacturer
	Maximum Speed
	External Clock Speed
	Connector Name
	Current Speed
	State
	Status
	Voltages
	Occupied
	Voltage
	Health Status
Processor Settings	Description
	Value
Procscsi	Host Summary
	Channel
	Id
	Lun
	Vendor
	Model
	Rev
	Type

Category	Attribute Name
	ANSI SCSI Revision
Raw Device Mapping	Compatibility Mode
	Vendor
	Model
	Canonical Name
	UUID
	Multipath Policy
	Path Count
	Path Run Time Name
	Path Target
Remote Access	Device Type
	IPMI Version
	System GUID
	Number Of Possible Active Sessions
	Number Of Current Active Sessions
	Enable IPMI Over LAN
	SOL Enabled
	MAC Address
	Enable VLAN ID
	VLAN ID
	Priority
	IP Address Source
	IP Address
	IP Subnet
	IP Gateway
	IPv4 Address Source
	IPv4 Address
	IPv4 Subnet
	IPv4 Gateway
Removable Flash Media	Status
	Type
	Connector Name
	Available Size (MB)
	State
	Storage Size (MB)
	Redundancy Status
	Health Status
SAS Adapter Card Manufacturer	Vendor ID

Category	Attribute Name
	Sub Vendor ID
	Device ID
	Sub Device ID
SAS Adapter	ID
	Name
	Description
	Firmware Version
	Driver Version
	Model
	Location
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate
	Reconstruct Rate
	Check Consistency Rate
	Cache Memory Size (MB)
	Patrol Read Rate
	Patrol Read Iterations
	State
	Slot ID
	Abort Check Consistency On Error
	Allow Revertible Hot Spare And Replace Member
	Load Balance
	Auto Replace Member On Predictive Failure
	Persistent Hot Spare
	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
SATA/IDE Controller	Name
	Firmware Version
	Description
	Device Location
	Parent Location
	Manufacturer
	Serial Number
	Model Number
	Device Descriptor
	Asset Tag
	Health Status
	Status
SATA Disks	Name
	Device Location
	Parent Location
	Capacity
	Revision
	Class
	Description
	Status
	Resource Tag
	Health Status
	Failure Predicted
	State
SATA Settings	Description
	Value
SCSI Adapter	Controller Name
	Controller Type
	Controller Position
SCSI Channel	Name
	State
	Connector Type
	Status
	Health Status
SCSI Controller	ID

Category	Attribute Name
	Name
	State
	Number Of Connectors
	Slot ID
	Status
	Health Status
SCSI LUN	Device Name
	UUID
	Vendor
	Model
	Canonical Name
	Capacity (GB)
	Policy
	Path Count
	Path Runtime Name
	Path Target
Screen Attribute	Name
	Value
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Baud Rate
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing

Category	Attribute Name
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Model
	Service Tag
	Operating System
	OS Name
Host	Make
	Model
	Service Tag
	Operating System Version
	Host Name
	License
	Update Version
	License Expiration
	Maintenance Mode
	Power State
	Overall Status
	Datastores
	Processor Type
	CPU Sockets
	CPU Cores
	CPU Cores Speed
	CPU Capacity
	CPU Used
	CPU Free
	Memory Capacity
	Memory Used
	Memory Free
	Current EVC Mode Key
	Maximum EVC Mode Key
	Host Bus Adapters
	Network Adapters
	Reboot Required
	Software iSCSI Enabled
	Fibre Channel Present
	Dell MEM Installed

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

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

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

Category	Attribute Name
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
VAAI Configuration	Hardware Accelerated Move
	Hardware Accelerated Init
	Hardware Accelerated Locking
Validate Processor	External Name
	Is Occupied
	Occupied
Validate SMASH	Caption
	Current Speed
	Chassis Model
Virtual Disk	Name
	Encrypted
	Progress
	T10 Protection Information Capable
	Size
	Layout
	State
	Status
	Health Status
	Device Name

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

Category	Attribute Name
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State
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
	Vmknic
	Adapter Driver
	Link State
	Delayed Ack Status
	Adapter Unique Identifier
	Login Timeout
	Logout Timeout
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
iSCSI Path	Runtime Name
	Adapter
	Target
	Lun
	Status
	Preferred

Category	Attribute Name
vSwitch	Name
	Number of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
	Teaming Policy
	Standby Adapters
	Unused Adapters
	ISCSI

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

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

Table 9. Attributes for Server running ESXi

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

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

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

Category	Attributes
	Cache1 Location
	Cache1 Type
	Cache1 Level
	Cache1 Status
	Cache2 Installed Size
	Cache2 Write Policy
	Cache2 Associativity
	Cache2 Error Correction Type
	Cache2 Location
	Cache2 Type
	Cache2 Level
	Cache2 Status
	Cache3 Installed Size
	Cache3 Write Policy
	Cache3 Associativity
	Cache3 Error Correction Type
	Cache3 Location
	Cache3 Type
	Cache3 Level
	Cache3 Status
Check iDRAC Response	Model
Connector	Name
	State
	Connector Type
	Status
	Health Status
	ID
	Name
	Firmware Version
	Driver Version
	Storport Driver Version
	Number Of Connectors
	Rebuild Rate
	BGI Rate
	Reconstruct Rate
	Check Consistency Rate
	Cache Memory Size (MB)
	Patrol Read Rate

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

Category	Attributes
Custom Attributes	CPU Power And Performance Management
	Memory Power And Performance Management
	Fan Power And Performance Management
DRAC Information	Product
	Description
	Version
	IP Address
	IP Subnet
	IP Gateway
DVSwitch	Name
	No of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
DV Switch Ports	DV PortID
	In Use
	Client
Datastore	Name
	Type
	VMFS Version
	Capacity
	Provisioned
	Committed
	Free Space
	Remote Host
	Block Size
	Extent Count
	VM Count
Debug Menu	Description
	Value
Demand Based Switching (DBS)	Technology
	Capable
	Enabled
Disk	Name
	Display Name
	Size
	Multipath Plugin

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

Category	Attributes
	Health Status
	Part Number
	State
	Speed
Power Supplies	Name
	Status
	Health Status
	Part Number
	Firmware Version
	State
Temperatures	Status
	Health Status
	State
	Reading
	Minimum Warning Threshold
	Maximum Warning Threshold
	Minimum Failure Threshold
	Maximum Failure Threshold
	ID
	Name
Extent	Canonical Name
	Vendor
	Model
	UUID
	Multipath Policy
	Path Runtime Name
	Path Count
	Path Target
External Enclosure	Controller ID
	ID
FC Adapter	Adapter Name
	Driver Name
	Port ID
	Attached Device Node Name
	Attached Device Port Name
	Speed
	Port Type
	Port State

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

Category	Attributes
	Link Speed
	Link Down Timeout
	Port Down Retry
	Login Retry Count
	Execution Throttle
	SCSI Adapter Node
	SCSI Adapter Port
	Host Device Name
Hardware Log	Description
	Date And Time
	Severity
	Raw SEL Data
	Health Status
Hardware Performance	Probe Name
	Status
	Cause
Host Adapter	Adapter Name
	Driver
	Link State
	UID
	Description
	Rx Frames
	Tx Frames
Host Service	Name
	Startup Policy
	Status
Hyper Threading (HT)	Technology
	Capable
	Enabled
IPv4 Address	Description
	IPv4 Address
	Subnet Mask
IPv6 Address	Description
	Prefix Length
	IPv6 Address
	IPv6 Address Name
IPv6 Details	IP Address Source
	IPv6 Address 1

Category	Attributes
	Default Gateway
	IPv6 Address 2
	Link Local Address
	DNS Address Source
	Preferred DNS Server
	Alternate DNS Server
IRQ	IRQ Number
	Interrupts Per CPU
	Device
	Type
Installed Applications	Name
	Vendor
	Acceptance Level
	Version
	Install Date
	Summary
	Bulletin ID
Integrated Devices	Description
	Value
Intrusion	Probe Name
	State
	Status
	Health Status
Kernel Module Info	File Name
	Id
	Loaded
	Name
	Option String
	Use Count
	Version
Kernel NICs	VmkNIC
	Port Group
	vSwitch
	IP Family
	IP Address
	Netmask
	Broadcast
	MAC Address

Category	Attributes
	MTU
	TSO MSS
	Enabled
	Type
	TOE
	TSO
LCD Information	Front Panel LCD Security Access
	Enable Remote Indication
LCD Line Information	Name
	Value
Logical Network Portal	Adapter Name
	VmkNIC
	MAC Address
	MAC Address Valid
	Compliant
MEM Kit	Mem Kit Version
	Reconfig
	Table Update
	Total Sessions
	Volume Sessions
	Member Sessions
Main Chassis	System Revision Name
	Fault LED Flash On Severity Level
	Index
	Chassis Name
	Server Module Location
	Device System ID
	Flash Chassis Identify LED State
	Host Name
	System Location
	Express Service Code
	Flash Chassis Identify LED Timeout value
	Server Model
	Chassis Lock
	Server Service Tag
	Server Asset Tag
	System Revision
	Max CPU Sockets

Category	Attributes
	Populated CPU Sockets
Memory	Device Name
	Size
	Speed
	Rank
	Failures
	Status
	Health Status
	Type
	Type Detail
Memory Array	Location
	Use
	Installed Capacity (MB)
	Maximum Capacity (MB)
	Slots Available
	Slots Used
	ECC Type
	Total Installed Capacity
	Total Installed Capacity Available To The OS
	Total Maximum Capacity
	Total Installed Capacity Available To OS
	Failover State
	Redundancy Status
	Redundancy Configuration
Memory Operating Mode	Redundancy Status
	Failover State
	Memory Operating Mode Configuration
Memory Redundancy	Redundancy Status
	Failover State
	Redundancy Configuration
Memory Settings	Description
	Value
Miscellaneous Settings	Description
	Value
Modular Enclosure Information	Product
	Description
	Version
	IP Address

Category	Attributes
	Model
	IP Address Type
	IP Address Source
	Chassis Service Tag
	Express Service Code
NIC Configuration	Channel Number
	NIC Selection
	Primary Network
	Failover Network
Network	Link Status
	Duplex
	IRQ
	DMA List
	Base IO Address
	Base Memory Address
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path
	Current MAC Address
	Team Name
	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

Category	Attributes
	Received Discarded Packets
	Received Error Packets
	Transmitted Bytes
	Transmitted Total Packets
	Transmitted Unicast Packets
	Transmitted Multicast Packets
	Transmitted Broadcast Packets
	Transmitted Discarded Packets
	Transmitted Error Packets
	Transmitted Collisions
	Transmitted Single Collision Frames
	Transmitted Multiple Collision Frames
	Transmitted Deferred Transmits
	Transmitted Late Collisions
	Transmitted Excessive Collisions
	Transmitted Carrier Sense Errors
	Transmitted Internal MAC Transmission Errors
	Received Internal MAC Receiving Errors
	Administrative Status
	Operational Status
	Type
	Connection Status
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	TOE Enabled
	TOE Capable
	IP Address
	IPv6 Address
	Image Path
	Subnet Mask
	Prefix Length
	Name

Category	Attributes
	Npar EP Enabled
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
Network Interface Card	Name
	IP Address
	MAC Address
	Virtual Machine Network
Network List	Device NIC Id
Network Portal	Adapter Name
	VmkNIC
	MAC Address
	IPv4
	IPv4 Subnet Mask
	MTU
	VLAN ID
	TOE
	TSO
	Link Up
	NIC Driver
	NIC Driver Version
	Firmware Version
	Noncompliant Message
	Noncompliant Remedy
	Vswitch
Network Settings	Description
	Value
Network Team Interface	Link Status
	Interface Name
	Description
	Vendor
	Slot Name
	Driver Name
	Driver Version
	Driver Image Path
	Current MAC Address
	Team Name
	Maximum Transmission Unit
	Speed

Category	Attributes
	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
	Administrative Status
	Operational Status
	Type
	Connection Status

Category	Attributes
	Team Type
	DHCP Server
	Default IPv6 Gateway
	DHCPv6 Server
	Interface Description
	Transmitted Good Frames
	Transmitted Bad Frames
	Received Unknown Protocols
	Transmitted Queue Length
	Redundancy Status
Network Team List	Vir NIC Id
Execute Disable (XD)	Technology
	Capable
	Enabled
One-Time Boot	Description
	Value
Open Manage	Version
	Path
Operating System	OS Name
	Version
	Install Date
	System Name
PCIe SSD Extender	Name
	State
	Status
	Health Status
Partition	Name
	Capacity
	Free
	Used
Peak Statistics	Statistics
	Measurement Start Time
	Peak Time
	Reading
Physical Network Portal	Adapter Name
	VmNIC
	MAC Address
	MAC Address Valid

Category	Attributes
	Current Speed
	Max Speed
	Max Frame Size
Port	External Name
	Base IO Addr
	IRQ Level
	Maximum Speed
	Connector Type
	Port Type
Port Group	Name
	VLAN ID
	Used Ports
	Uplinks
	Teaming Policy
	Device Name
	DHCP
	IP Address
	Subnet Mask
	MAC Address
	MTU
	Assigned VMs
Power Budget	Enable Power Capping
	Power Capping
Power Headroom	System Instatenous Head Room
	System Peak Head Room
Power Inventory	System Idle Power
	System Maximum Potential Power
Power Management	Probe Name
	Reading
	Failure Threshold
	Warning Threshold
	Status
	Health Status
Power Profile	Active Power Controller
	Maximum Performance
	OS Control
	Custom
Power Supply	Location

Category	Attributes
	Power Monitoring Capable
	Rated Input Wattage
	Maximum Output Wattage
	Firmware Version
	Online Status
	Status
	Health Status
	Type
Power Supply Redundancy	Redundancy Status
Power Tracking Statistics	Statistics
	Measurement Start Time
	Measurement Finish Time
	Reading
Processes	Process Name
	WID
	CID
	PC ID
	State
	Wait
	CPU
	Time
	Command
	Connector Name
	Manufacturer
	Family
	Processor Brand
	Version
	Core Count
	Current Speed
	Maximum Speed
	External Clock Speed
	Voltage
	State
	Status
	Occupied
	Health Status
	Voltages
Processor Settings	Description

Category	Attributes	
	Value	
Raw Device Mapping	Compatibility Mode	
	Vendor	
	Model	
	Canonical Name	
	UUID	
	Multipath Policy	
	Path Count	
	Path Run Time Name	
	Path Target	
Remote Access	Device Type	
	IPMI Version	
	System GUID	
	Number Of Possible Active Sessions	
	Number Of Current Active Sessions	
	Enable IPMI Over LAN	
	SOL Enabled	
	IPv4 Address Source	
	IPv4 Address	
	IPv4 Subnet	
	IPv4 Gateway	
	MAC Address	
	Enable VLAN ID	
	VLAN ID	
	Priority	
	IP Address Source	
	IP Address	
	IP Subnet	
	IP Gateway	
Removable Flash Media	Status	
	Type	
	Connector Name	
	Available Size (MB)	
	State	
	Storage Size (MB)	
	Redundancy Status	
	Health Status	
SATA Settings	Description	

Category	Attributes
	Value
SCSI Adapter	Controller Name
	Controller Type
	Controller Position
SCSI LUN	Device Name
	UUID
	Vendor
	Model
	Canonical Name
	Capacity (GB)
	Policy
	Path Count
	Path Runtime Name
	Path Target
SAN Statistics	Adapter Name
	Total Sessions
	Total Connections
	Login Request PDUs
	Login Response PDUs
	Logout Request PDUs
	Logout Response PDUs
Serial Communication	Description
	Value
	Attribute
	Settings
Serial Over LAN Configuration	Channel Number
	Serial Over LAN Configuration
	Retry Count
	Retry Interval
	Character Accumulate Interval
	Character Send Threshold
	Minimum Privileges Required
	Baud Rate
Serial Port Configuration	Channel Number
	Connection Mode Settings
	Baud Rate
	Delete Control
	Flow Control

Category	Attributes
	Channel Privilege Level Limit
	Serial Port Configuration
	Line Editing
	Echo Control
	Handshaking Control
	New Line Sequence
	Input New Line Sequence
Server	Model
	Service Tag
	Operating System
	OS Name
Server Detail	Operating System Version
	status
Host	Make
	Model
	Service Tag
	Operating System Version
	Host Name
	License
	Update Version
	License Expiration
	Maintenance Mode
	Power State
	Overall Status
	Datastores
	Processor Type
	CPU Sockets
	CPU Cores
	CPU Cores Speed
	CPU Capacity
	CPU Used
	CPU Free
	Memory Capacity
	Memory Used
	Memory Free
	Current EVC Mode Key
	Maximum EVC Mode Key
	Host Bus Adapters

Category	Attributes
	Network Adapters
	Reboot Required
	Software iSCSI Enabled
	Fibre Channel Present
	Dell MEM Installed
	Dell MEM Version
Services	Services
	State
Slot	ID
	Slot ID
	Adapter
	Type
	Slot Length
	Speed
	Category
	Hot Plug Capable
	Voltage Supply
	Shared Slot
	Card Bus
	Modem Ring Resume
	Zoom Video
	PC Card-16
	Power Management Enable (PME) Signal
	Adapter Data Bus Width
	Slot ID
	Adapter Manufacturer
	Adapter Description
Slot Bifurcation	Description
	Value
Slot Disablement	Description
	Value
64-bit Support	Technology
	Capable
	Enabled
System Information	Description
	Value
System Profile Settings	Description
	Value

Category	Attributes
System Security	Description
	Value
Target Port	Target Port Name
	Port Type
	Port Value
Temperatures	Probe Name
	Reading
	Minimum Failure Threshold
	Minimum Warning Threshold
	Maximum Failure Threshold
	Maximum Warning Threshold
	Status
	Health Status
Turbo Mode	Technology
	Capable
	Enabled
UEFI Boot Settings	Description
	Value
Remote Access Users	User ID
	State
	User Name
	LAN User Privilege
	Serial Over LAN Payload
	Serial Port User Privilege
	DRAC/iDRAC User Privilege
VAAI Configuration	Hardware Accelerated Move
	Hardware Accelerated Init
	Hardware Accelerated Locking
VAAI Status	Description
	VAAI Plugin Name
	ATS Status
	Clone Status
	Zero Status
	Delete Status
Validate OMSA Installation	External Name
	Is Occupied
Validate SMASH	Caption
	Current Speed

Category	Attributes
	Chassis Model
Variables	Variables
	Variable Value
Virtual Disk	Name
	Encrypted
	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
	Hot Spare Policy violated
	Location
	Mode
	Type
	Format
	Provisioned
Virtual Disks	Controller ID
	Virtual Disk ID
Virtual Machine	Name
	Version
	Hostname
	Operating System
	Power State
	Committed
	Provisioned
	Snapshots Present
	CPU Used
	Host Memory Used

Category	Attributes
	Guest Memory Used
	RDMs Present
	Disk Count
	CPU Count
	NIC Count
	Memory
	Tools Status
Virtualization Technology(VT)	Technology
	Capable
	Enabled
Voltages	Probe Name
	Reading
	Minimum Failure Threshold
	Maximum Failure Threshold
	Minimum Warning Threshold
	Maximum Warning Threshold
	Status
	Health Status
iSCSI Adapter	Manufacturer
	Firmware Version
	Driver Version
	HBA Model
	Port ID
	Serial Number
	IP Address
	Default Gateway
	Subnet Mask
	iSCSI Name
	Adapter Name
	Driver Series
	State
	Description
	Is Software Based
	iSCSI Discovery Portal
	MAC Address
	NIC Binding
	iSCSI Offload Engine
	Arp Redirection

Category	Attributes
	Large Frame
	MTU
iSCSI Disk	Disk
	Path Selection Policy
	Storage Array Type
	Target
iSCSI Disk Detail	Runtime Name
	Adapter
	Lun
	Status
	Preferred
iSCSI File System	Partition Name
	File System Path
	VMFS UUID
	VMFS Extent
	VMFS Volume
iSCSI Initiator	Adapter Name
	VmkNIC
	Adapter Driver
	Link State
	Delayed Ack Status
	Adapter Unique Identifier
	Login Timeout
	Logout Timeout
	Vendor ID
	Device ID
	Sub Vendor ID
	Sub Device ID
	Description
	Type
	Vmknic
	Sub Vendor ID
	Sub Device ID
iSCSI Path	Runtime Name
	Adapter
	Target
	Lun
	Status

Category	Attributes
	Preferred
vSwitch	Name
	Number of Ports
	Used Ports
	Configured Ports
	MTU
	Uplinks
	Teaming Policy
	Active Adapters
	Standby Adapters
	Unused Adapters
	ISCSI
	ActiveNICs

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

Items reported from virtual machines running Windows

Table 10. Attributes for virtual machines running Windows

Category	Attribute Name
ASMME Components	Max Connections Per Member
	Max Devices Per MPIO Session
	Min Adapter Speed
	Use IPv4
	Use IPv6
Application Log	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
Applied KBs (Patches)	Hot Fix ID
	Service Pack
Boot-Page Information	Initial
	Maximum
	Current
Configured PS Groups	Group Name
	Group IP
Custom TCP Network Transport Filter	Setting Name
	Protocol
	Remote Port Start
	Remote Port End
	Destination Prefix
	Delayed Ack Frequency
	Delayed Ack Timeout
DMA List	Channel
	Status
	Device
Display	Program

Category	Attribute Name
	PNP Device ID
	Adapter Type
	Adapter Description
	Adapter RAM
	Driver Version
	Resolution
	Bits Pixel
	Color Table Entries
	Installed Drivers
	Color Planes
Driver	Name
	Description
	Internal Name
	File Name
	Start
	Type
	Status
	Version
	Company Name
Network Adapter	Number Of iSCSI Interfaces
	Number Of Non iSCSI Interfaces
IO Ranges	Address Range
	Device
	Status
IRQ	IRQ Number
	Caption
	Status
iSCSI NIC Connections	Intiator Port
Installed Applications	Name
	Version
	Install Location
	Install Source
	Install Date
	Publisher
	URL Information
Internet Explorer	Key
	Value
Kernel Dump	File Name

Category	Attribute Name
	Size (KB)
Logs Enumeration Dependency	Value
MPIO/HitKit Components	Load Balance Type
	Use MPIO For Snapshots
	EHCM Service Status
MPIO Settings	MPIO Disk
	LB Policy
	System Disk
Memory Ranges	Range
	Device
	Status
Mini Dump	File Name
	Size (KB)
Modules	Internal Name
	Version
	Size
	File Date Time
	Manufacturer
	Source Path
NIC Binding Order	Adapter Name
	Protocols
	Connection Type
NIC Registry	Name
	Value
Network Adapter	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

Category	Attribute Name
	IPv4 Address
	IPv6 Address
	IP Subnet
	IP Enabled
	Default IP Gateway
	MAC Address
	DHCP Lease Obtained
Network Protocol	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 Multicasting
	Status
Operating System	Total Physical Memory (GB)
	Total Virtual Memory (GB)
	Available Physical Memory (GB)
	Available Virtual Memory (GB)
	SMBIOS Version
	OS Name
	Other OS Description
	OS Manufacturer
	Windows Directory
	System Directory
	Boot Device
	Locale
	System Manufacturer

Category	Attribute Name
	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
Portal Data	IP Address
	Initiator Name
	Symbolic Name
	Port Number
Problem Devices	Device
	Error Code
	PNP Device ID
Processes	Name
	ID
	Memory Usage (KB)
	VM Size (KB)
	Paged Pool (KB)
	NP Pool(KB)
	Page Faults
	Priority
	Threads
	Handles
	Started
	Path
	IO Reads
	IO Writes
	GDI Objects
	User Objects
	IO Other
	Read Bytes
	Write Bytes

Category	Attribute Name
	Other Bytes
	CPU Time
Process Memory Details	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)
Registry	Key
	Attribute Name
	Attribute Type
	Attribute Value
Services	Display Name
	Service Name
	State
	Start Mode
	Service Type
	Service Path
	Error Control
	Start Name
Session Connection Data	Connection Id
	Initiator Portal
	Target Portal
	CID
Session Device Data	Device Type
	Device Number
	Storage Device Type
	Partition Number
	Friendly Name
	Device Description
	Reported Mappings
	Location
	Initiator Name
	Device Target Name
	Device Interface Name

Category	Attribute Name
	Legacy Device Name
	Device Instance
Startup	Command
	Location
	Program
	User Name
Storage Disk	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
Storage Drives	Name
	Description
	Compressed
	File System
	Size
	Free Space
	Volume Name
	Volume Serial Number
Storage Partition	Partition Disk Index
	Partition
	Partition Size (MB)
	Partition Start
	Bootable Partition
	Partition Type
Subnets Excluded	IP Subnet

Category	Attribute Name
Subnets Included	IP Subnet
System Log	Type
	Source
	Date And Time
	Event ID
	Message
	Status
	Health Status
System Uptime	Current System Uptime
	Total Availability Percentage
	Total Uptime
	Total DownTime
	Total Reboots
	Total Blue Screens
Uptime Log	Time
	Event
	Comment
USB	Name
	PNP Device ID
Host	Make
	Model
	Service Tag
	Host Name
	Operating System
	Operating System Version
	Architecture
	Physical Machine
	Service Pack
	Cluster Member
	Cluster Name
	iSCSI Initiator Version
	HyperV
	Dell HitKit ASM/ME Version
	Dell HitKit ASM/ME Installed
	Dell HitKit ASM/VE Version
	Dell HitKit ASM/VE Installed
	EqlDSM Version
	MSDSM Version

Category	Attribute Name
	EqlDSM Link Date
	MSDSM Link Date
Variables	Variable Value
	User Name
	Variables
	Full Name
	System Variable
Virtual Machine	Host Name
	OS Name
Volumes	Volume Label
	Path
	Format
	Disk Drive ID
	Capacity
	Used Space
	Free Space
Windows Registry	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

Category	Attribute Name
	Flush Health Interval
	Gather Health Status
	Retry Count
	Retry Interval
	IO Timeout Value
	PDO Remove Period
	Path Recovery Interval
	Path Verification Period
	Use Custom Path Recovery Interval
	Path Verify Enabled
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Node Name
	Target Name
	IS ID
	Number Of Connections
	TSID
iSCSI DATA	Initiator Version
	Total Portals

Items reported from virtual machines running Linux

Table 11. Attributes for virtual machines running Linux

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

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

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

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

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

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

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

Category	Attribute Name
	Interface Sub Class
	Interface Protocol
	Driver Name
	End Point Address
	Attributes
	End Point Maximum Packet Size
	Interval Between Transfers
USB Root Hub	Bus
	Device
	ID
	Device Class
	Device Sub Class
	Device Protocol
	Manufacturer
	Product
	Serial
	Version
USB Storage	Name
	Value
Host	Model
	Service Tag
	Make
	Hostname
	Operating System
	Release
	Architecture
	Kernel Release
	Kernel Date
	Kernel Data
	UUID
	System Date
	Dell HitKit Installed
	Dell HitKit Version
Virtual Machine	Hostname
	OS Name
iSCSI Session Data	Session ID
	Initiator Node Name
	Target Name

Category	Attribute Name
	Initiator IP Address
	Iface Name
	iSCSI Connection State
	iSCSI Session State
iSCSI Initiator	iSCSIadm Version
	iSCSI Initiator IQN
iSCSINode	Attached Device Node Name
	Iface Name
	Session Time Out
	Session Cmds Max
	Session Queue Depth

Items reported from storage devices

Storage PS Series or EqualLogic

Table 12. Attributes

Category	Attribute Name
Access Rule	Description
	Rule Type
	Rule Name
	Rule Type Description
	Volume Association
	Host Rule Association
Appliance	Admin Status
	Type
	Version
	State
	Management IP Address
	Number Of Nodes
	Name
Appliance Configuration	NFS Export Trusted Users
	File Security Style
	Configuration
	CIFS Shared Access
	Read Write Permission
Appliance Network	Status
	Admin State
	Type
	IP Address
	Block Netmask Address
	Bonding Mode
	VLAN Tag
	Id
	Block IP Address
	MTU Size
Appliance Node	Status
	Admin Status

Category	Attribute Name
	Peer Node Index
	Version
	Product Type
	Model
	Index
	Vendor
	Name
	Service Tag
Appliance Nodes Network	Type
	IP Address
	Id
Connections	Initiator Name Connected From
	IP Address Connected To
Deleted Volume	Multi Access
	Synchronization Replication Status
	Que Error Management
	Number Of Connections
	Volume Deleted Date
	IP Address
	Snapshot Space Borrow
	Is Volume Deleted
	Thin Minimum Reserve
	Thin Growth Warning
	Size (GB)
	Pool
	Number Of Snapshots
	Volume Synchronization Status
	Sector Size
	Snapshot Reserve
	ACL
	Volume Due To Be Purged
	Chap Users
	Initiator Names
	Volume Name
	Volume Status
	Number Of Replicas
	Is Volume Synchronization Replicated
	Thin Provisioning

Category	Attribute Name
	Volume Permission
	Thin Growth Maximum
	Raid Policy
Controllers	Controller Model
	Controller Role
	Controller Boot ROM
	Controller CM Revision
	Controller Up Time
	Controller Battery Status
	Controller Software Revision
	Member Name
	Physical RAM (GB)
	Controller Boot Time
	Type
	Controller Slot No
	Controller Serial Number
	NV RAM Battery
Disks	Self Encrypting
	Disk RPM
	Error
	Vendor
	Member Name
	Serial Number
	Firmware Revision
	Type
	Disk Number
	Size (GB)
	State
	Model
	Sector Size
Group	Time Zone
	Email Support Contact
	Reserved Space In Use (MB)
	Virtual Space Size
	CLI Telnet Access
	Volume Recovery Life Time
	Syslog Notify
	Snapshot Reserve Space Free (GB)

Category	Attribute Name
	Compression Scan Frequency
	Number Of Members
	Storage Container Space Reserved
	Web Access SSL Enabled
	Virtual Volume Use
	Default Thin Warning Level
	Secure CLI Access
	Source Email User Name
	Group FailBack Reserve
	Storage Container Count
	Alert Email List
	Replication Reserve Space (GB)
	Thin Provisioned Free Space (GB)
	Group Snapshots In Use
	Storage Container Snap Count
	VLAN ID
	Volume In Use
	NTP Server Address List
	Default Thin Maximum Growth
	Default Snapshot Delete Policy
	Maximum Concurrent Replicas
	Replication Reserve Free Space (GB)
	Performance Load Balancing
	Single Sign On Domain Name
	Number Of Volumes
	Number Of Pools
	Sys Log Address List
	Replication Reserve In Use (GB)
	Group Free Space (GB)
	Send Email Notifications
	Management Network Enabled
	Total Number Of Snapshots
	Default Snapshot Space Borrow
	Source Email Domain
	Group Delegated Space Used (GB)
	Run Compression Scan
	Number Of Connection
	Management Gateway

Category	Attribute Name
	SMTP Server Address List
	Default Snapshot Warning Level
	Default Snapshot Size
	Default Sector Size
	Storage Container Compressed Space Used
	Delegated Space (GB)
	Group IP Address
	Virtual Volume Online
	Group Name
	Replication Window Size
	Pool Space Reserved (GB)
	Management IP Address
	Unsecure Web Access
	Storage Container Volume Online
	Virtual Volumes Count
	Single Sign On Status
	Single Sign On Registered Group Name
	Storage Container Volume Count
	Capacity (GB)
Intra Array Connectivity Test	Source Group Lead Member Name
	Group Lead
	Destination Member Name
	Source Port Role
	Destination Port Role
	Source Interface Name
	Destination IP Address
	Destination Interface Name
	Ping Test Result
	Source IP Address
Member	Status
	Pool Name
	Health Warning Flags
	Cache Mode
	Number Of Disks
	Compress Stack Storage
	RAID Operation Percent Complete
	Virtual Storage
	Raid

Category	Attribute Name
	Lost RAID Blocks
	Member Name
	Member Version
	Serial Number
	Service Tag
	Gateway Address
	Chassis Disk Sector Size
	Family Type
	Free (GB)
	RAID Status
	Health Status
	Compression Capable
	Health Critical Flags
	Capacity (GB)
Network	In Errors
	Status
	LLDP Remote Chassis
	Port ID
	Lldp State
	Remote Mangement Address
	Net Mask
	Out Errors
	Remote MAC Address
	Default Gateway
	MAC Address
	Speed (Gb/s)
	MTU Size
	IP Address
	Port Role
	Retransmissions
	Lldp Remote System Name
	Lldp Remote Port Description
	Lldp Remote System Description
	Interface
Network DCB	FCoE TLV Received Value
	DCB iSCSI Priority
	Current DCB State
	Current ETS State

Category	Attribute Name
	ETS Local Traffic Bandwidth
	PFC Enabled On Priority4
	Local System PFC Willing
	ETS Remote Traffic Bandwidth
	Current PFC State
	Remote System ETS Willing
	Current Operating Mode CE
	Local System ETS Willing
	DCB VLAN ID
	Current CN State
	Priority4 Traffic Class Group
Network Dependency	Index
	IPAddress
	Member Index
Network SFP	SFP Interface Index
	SFP Length2 Meters
	SFP Firmware Version
	SFP Length1 Meters
	SFP Mode
	SFP Connector Type
	SFPStatus
	SFP Serial Number
	SFP Bit Rate (Gb/s)
	SFP Part Number
	SFP Identifier
	SFP Vendor Name
	SFP Date Code
Pool	Operation Status Compression
	Pool Name
	Number Of Volumes
	Virtual Space Size
	Storage Container Count
	Number Of Connections
	Pool Capacity (GB)
	Compressed Space Used
	Pool Free Space (GB)
	Default Compression Strategy
	Default Compression Minimum Snap Age

Category	Attribute Name
	Default Flag
	Storage Container Volume Online
	Snap Shot Space Borrow
	Storage Container Snap Count
	Number Of Members
	Storage Container Space Reserved
	Storage Container Volume Count
Replication Partner	Bound Member Volumes
	Outbound
	Delegated (MB)
	Received (MB)
	Delegated Used (MB)
	Name
	Received Used (MB)
Replication Schedules	Date Range
	Time Range
	Next Schedule
	Replication Partner Name
	Name
	Interval
SAN HQ	Status
	Server Name
	IP Address
	SupportAssist Last Accessed
	Last Accessed
	SupportAssist
	Domain Name
Storage Container	Physical Free
	Logical Limit
	Description
	Container Name
	Logical Free
	Lookup Name
	Logical Used
	Physical Used
Synchronization-Replicated Volume	Active Pool Name
	Alternate Pool Name
	Synchronization Replication Volumes

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

Category	Attribute Name
	Name
Member Management	Name

Storage SC Series or Compellent

Table 13. Attributes

Category	Attribute Name
Alert	Status
	Type
	Category
	Message
	Controller Index
	Create Time
	Root Cause Object
	Active Controller
	Modify Time
	Alert Object Name
	Name
	status
Cache Card	Firmware Version
	Model
	Write Cache Enabled
	Cache size
	Service date
Chassis	instanceId
	instanceName
	scSerialNumber
	scName
	objectType
Cluster	serverfolder
	Server Folder
	Index
	Name
Controller	Status
	Last Boot Time
	Leader
	Net Mask
	Memory
	Secondary DNS Server

Category	Attribute Name
	Serial Number
	Name
	Primary DNS Server
	Service Tag
	IP Address
	Version
	Controller ID
	Gateway
	Model
	Local Port Condition
	Domain Name
Controllers	instanceId
DCBx	DCB iSCSI Priority
DCBx	DCB Default Priority
	Current ETS State
	Current DCB State
	Port
	PFC Enabled On Priority4
	Transmission Selection Algorithm On ETS
	PFC Enabled On Priority3
	ETS Bandwidth Received
	Current PFC State
	DCB App ISCSI Vlan
	Slot
	Traffic Class Group
	LLDP Internal State
	DCB App Default Vlan
Disks	Status
	Speed
	ByPass A Side
	Position
	Product
	Vendor
	Fault Sensed
	Enclosure
	ByPass B Side
	Indicator
	Swap Detected

Category	Attribute Name
	Disks
	Hot Spare Location
Disks Folder	Name
Disk	Status
	Speed
	Health
	Position
	Actual Capacity
	Product
	Free Space
	Index
	Vendor
	Bad Block Count
	Enclosure
	Folder
	Serial Number
	Type
	Path Alert
	User Allocated Blocks
	Unallocated Block Count
	Revision
	Control Type
	System Allocated Blocks
	Classification
	Total Block Count
	Vendor Specification
Dummy Fault Domain	iscsiName
	instanceId
	instanceName
	name
	portNumber
	scName
	mtu
	objectType
Dummy Mapping Profile	instanceId
	instanceName
Dummy Replay Profiles	instanceId
	instanceName

Category	Attribute Name
Dummy Storage Profiles	instanceId
	instanceName
Dummy Storage Type Tier	availableDiskClasses
	diskTier
	instanceId
	instanceName
	tierNumber
	redundancy
	scSerialNumber
	priority
	needsRebalance
	scName
	objectType
Dummy Volumes	instanceId
	instanceName
Enclosure	A Side Firmware
	Critical Condition
	Shelf Id
	Enclosure Type
	Revision
	B Side Firmware
	Model
	Logical Id
	Name
	Unrecoverable Condition
	Non Critical Condition
	Service Tag
Enclosure Instance	instanceId
FC IO Card	Status
	Fault Domain
	Speed
	Description
	Slot Type
	Transport Type
	Device Type
	Slot
	World Wide Name
	Slot Port

Category	Attribute Name
	Name
FC Virtual Port	Status
	Fault Domain
	Preferred Physical Port
	Current Physical Port
	Transport Type
	Current Physicial Port
	Controller
	World Wide Name
	Name
Fan	Status
	Name
Fault Domain	iSCSI Name
	iSCSI Transport Mode
	Subnet Mask
	Transport Type
	Fault Domain Type
	Gateway IPv4 Address
	VLAN ID
	Index
	iSCSI FD Target IPv4 Address
	FC Transport Mode
	Name
	MTU
IO Module	Status
	Swap Detected
	Position
	Phy Lane Status
	Name
License	Enabled
	Feature
	Expire Date
Mapped Server	Name
Mapped Volume	Volume Name
Mapping Detail	Status
	Type
	Controller Port
	Server Port

Category	Attribute Name
	LUN
	Server Folder Path
	Slot
	Controller SSN
	Operational State
	Read Only
	Slot Port
NTP Server	Status
	Hour
	Zone
	Current Time
	Status Change Time
	Generate Zone Indication
	Month
	SDT Offset
	NTP Server Display
	Year
	Minute
	Second
	DST Offset
	Current Time Stamp
	NTP Server
	DST Offset Sign
	Day
	SDT Offset Sign
	Day Light
Physical Port	Status
	iSCSI Name
	Speed
	Description
	PHY Status
	Connected
	Purpose
	Controller
	Name
	IPv4 Address
	Fault Domain
	Subnet Mask

Category	Attribute Name
	Gateway IPv4 Address
	Slot
	Device Name
	World Wide Name
	Slot Port
Physical Server	Connectivity Alert Status
	HBA Present
	Path Count
	Server Folder Path
	Cluster
	Index
	Name
	Connected To All Controllers
	Type
	Total HBAs
	Connectivity
	Physical Or Virtual
	Connectivity Alert
	Active Controller
	Operating System
	Mapped Volume Count
	Active Path Count
	Partial Connectivity Alert
Port Iscsi Configuration	controllerPortIndex
	macAddress
	instanceId
	instanceName
	homeControllerIndex
	ipAddress
	description
	dcbInformationAvailable
	dcbSupported
	deviceName
	objectType
Power Supply	DC Over Voltage
	Status
	AC Failure
	Position

Category	Attribute Name
	DC Under Voltage
	DC Failure
	Name
	AC Lost
	Swap Detected
	High Temperature Warns
	Present
	High Temperature Fail
	Failure
Profile Volume	Volume Type
	Disk Folder
	Logical Size
	Disk Folders
	Storage Type
	Consumed Disk Space
	Name
QoS Definition	Global Maximum Number of Sectors
	Destination Maximum Number of IOs
	Destination Maximum Number of Sectors
	Global Maximum Number of IOs
	Maximum Sectors Per Queue
	Maximum IO Per Queue
	Minimum Percent Limit
	IOs Per Second
	Global Maximum Sectors Per IO
	Link Speed
	KBs Per Second
	Name
RAID	Disk Allocated
	Redundant Type
	Volume Used
	Index
	Volume Allocated
	Disk Track
	Extent Disk Class Percent
	NAME
	Class Disk Count
	Name

Category	Attribute Name
	RAID Extent Count
	Raid Rebuild Status
	Raid Device Degraded
	Disk Used
	RAID Status
Remote Volume	Status
	Type
	Remote Volume Index
	Size
	Disk Index
	Name
	Serial Number
SAS IO Card	Status
	Fault Domain
	Description
	Slot Type
	Transport Type
	Slot
	Purpose
	World Wide Name
	Slot Port
	Name
Sc Disk Folder Instance	instanceId
Sc Disk Instance	instanceId
Schedule	Schedule
	Expiration
Server Folder	Name
Server HBA	Status
	Type
	Server Port
	iSCSI IPv4 Address
	PortInformation
	Connectivity
	Connected Controller Ports
Snapshot Profile	Index
	Name
Storage Center	Allow Asynchronous Replication
	Connection Status

Category	Attribute Name
	Type
	Access Level
	Operation Status
	Name
	Serial Number
Storage Profile	Index
	Name
System	Management IP
	Write Cache Status
	Gateway
	Read Cache Setting
	Write Cache Setting
	Storage Center Id
	Read Cache Status
	Name
Temperature Sensor	Upper Warning
	Upper Normal
	Current Value
	Lower Normal
	name
	Normal Min
	Normal Max
	Lower Warning
	Name
Tier	Free Disk Space
	Allocated Disk Space
	Used Disk Space
	Available Disk Space
Virtual Server	Connectivity Alert Status
	HBA Present
	Path Count
	Server Folder Path
	Cluster
	Index
	Name
	Connected To All Controllers
	Type
	Total HBAs

Category	Attribute Name
	Connectivity
	Physical Or Virtual
	Connectivity Alert
	Active Controller
	Operating System
	Mapped Volume Count
	Active Path Count
	Partial Connectivity Alert
Voltage Sensor	Status
	Name
Volumes	Status
	Volume Type
	Free Size
	Host Cache Enabled
	Mapped
	Size
	Index
	Active Space
	Storage Profile
	In Recycle Bin
	Name
	Serial Number
	Disk Folder
	Live Volume Configured
	Device ID
	Destination Controller SSN
	Replay Profile
	Volume Folder Path
	Storage Type
Volume Folder	name
	Name
iDRAC Setting	BIOS Major Version
	iDRAC Firmware Major
	BIOS Minor Version
	Current iDRAC Firmware Version Number
	iDRAC Firmware Minor
	iDRAC Netmask
	iDRAC IP Address

Category	Attribute Name
	iDRAC Gateway
	Previous iDRAC Firmware Version Number
	BIOS Vendor
iSCSI IO Card	Status
	iSCSI Name
	iSCSI Target Alias
	Speed
	Description
	Slot Type
	DCB Supported
	Purpose
	MAC Address
	Name
	Fault Domain
	IP Address
	Total Data Errors
	Subnet Mask
	Transport Type
	VLAN ID
	Slot
	iSCSI FD Control Group IP
	Received Paused Frames
	Total Received Frames
	World Wide Name
	Jumbo Frame
	Slot Port
	Port Number
iSCSI Virtual Port	Status
	Fault Domain
	iSCSI Name
	Preferred Physical Port
	Slot Type
	Current Physical Port
	Controller
	World Wide Name
	Name

Storage MD Series or PowerVault

Category	Attribute Name
Accessible Host	Host Name
	LUN
Associated Disk	Mirrored Disk Slot
	Enclosure
	Drawer
	Mirrored Disk Enclosure
	Slot
Associated Virtual Disk	Name
	Capacity
Battery	Date Of Manufacture
	Part Number
	Vendor
	Location
	Serial Number
	Days Until Replacement
	Age
	Status
Cache Backup Device	Part Number
	Revision Level
	Date Of Manufacture
	Capacity
	Product ID
	Status
	Type
	Location
	Manufacturer
	Serial Number
Compact Flash	Health Reason
	Health
	Health Recommendation
	Status
	Name
	Cache Flush
Controller	CPLD Version
	Redundancy Status

Category	Attribute Name
	Firmware Version
	Position
	Description
	Enclosure
	Hardware Version
	System Cache Memory
	Write Policy
	NVSRAM Version
	Product ID
	Status
	Manufacturing Date
	Slot
	Jumbo Frames
	Redundancy Mode
	Storage Controller CPU Type
	Auto ID
	Part Number
	Revision
	Serial Number
Cumulative Error Detail	Timeout Errors
	Controller Module DetectedErrors
	Total IO Count
	Drive Channel Number
	Baseline TimeSet
	Physical Disk DetectedErrors
	Sample Period
Data Cache	Total Present
	Total Used
Default Host Group	Host Group Name
Default Group Virtual Disk	Current Owner
	Flush Write Cache After (Seconds)
	Modification Priority
	Segment Size
	Physical Disk Type
	RAID Level
	Write Cache Without Batteries
	Dynamic Cache Read Prefetch
	Media Scan With Consistency Check

Category	Attribute Name
	Enclosure Loss Protection
	LUN
	SSID
	Virtual Disk World Wide Identifier
	Associated Disk Group
	Enable Background Media Scan
	Preferred Owner
	Virtual Disk Status
	Write Cache With Mirroring
	Capacity
	Read Cache
	Name
	Write Cache
Disk Group	Capacity
	Disk Group Name
	Disk Group Spares
	Available Pages
	Created Date
	Preferred Owner
	Active Drive Spin Down
	Read Ahead Enabled
	Serial Number
	Additional Physical Disk Support
	Current Owner
	Allocated Pages
	Associated Disks
	Disk Quantity
	Status
	Class
	Current Job
	Health Status
	Enclosure Loss Protection
	Physical Disk Type
	Storage Tier
	RAID Level
	Associated Pool
	Free Space
	Pool Percentage

Category	Attribute Name
	Write Back Enabled
Disk Pool	Overcommit
	Size
	Owner
	Rebalance
	Volumes
	Status
	Associated Disk Groups
	Class
	Health
	High Threshold
	Migration
	Snapshot Size
	Available Size
	Block Size
	Low Threshold
	Name
	Zero Scan
	Allocated Pages
	Mid Threshold
	Serial Number
	Available Pages
	Sector Format
	Preferred Owner
Enclosure Management Module	Status
	Card Communication
	Firmware Version
	Location
	Current Data Rate (GB/S)
Environment	Email Domain
	Email Notification
	Email Notify Address 1
	Email SMTP Port
	Email Notify Address 4
	Email Notify Address 3
	Persistent Alerts
	Email Sender
	Email Server

Category	Attribute Name
	Email Include Logs
	Email Security Protocol
	Email Notification Filter
	Email Notify Address 2
Error Detail	Severity
	Code
	Id
	TimeStamp
	Message
	Recommendation
Ethernet Information	Port Number
	Gateway
	Status
	Ping Broadcast
	Speed
	IP Address
	Duplex Mode
	Name
	Subnet Mask
	Network Configuration
	DHCP Status
	MAC Address
Expander	DOM ID
	Location
	Drawer ID
	Name
	Status
	Firmware Version
	Expanded Status
	Path ID
	Health
Expander Port	Status
	Controller
	Enclosure ID
	Health
	SAS Port Index
	SAS Port Type
	Name

Category	Attribute Name
Expansion Port	Maximum Data Rate
	Current Data Rate
	Channel ID
	Port ID
	Status
Fan	Speed
	Name
	Location
	Status
FC-Small Form Factor Pluggable	Part Number
	Status
	Vendor
	Supported Speed
	Revision
Fiber Channel Host Port	Current ID
	Configured Speed
	Link Status
	NL Port ID
	Configured Topology
	Current Port Speed
	Channel
	Preferred ID
	World Wide Port Identifier
	Status
	Health
	Read Response Time
	World Wide Node Identifier
	Write Response Time
	Current Data Rate
	Topology
	ID
	IOPS
	Queue Depth
	Type
	Part Type
	I/O Response Time
	Data Rate Control
	Maximum Data Rate

Category	Attribute Name
	Name
General Section	Current Physical Disk Type
	Firmware Version
	Number Of Copies Allowed
	Number Of Virtual Disks Allowed
	Storage Capacity
	Number Of Peers Allowed
	Number Of Snapshots
	Free Space
	Number Of Physical Disks
	Number Of Replication Allowed
	Number Of SFPs Detected
	Number Of Snapshots Allowed Per Source Virtual Disk
	Number Of Standard Virtual Disks
	LAN Heartbeat
	Linear Replication Configured
	Maximum Storage Pool Size
	Number Of Components Allowed Per Storage Pool
	Number Of Host Groups Allowed
	Number Of Peers In Use
	Model
	Number Of Expansion Enclosures
	Number Of Partitions Allowed
	Number Of Replicated Pairs Used
	Number Of Ports Allowed
	Number Of Volume Groups Allowed Per Controller
	Number Of Disk Pools
	Snapshot Virtual Disks Enabled
	Number Of RAID Controller Modules
	Number Of Replicated Pairs Allowed
	Number Of Replication Used
	Number Of SnapShots Allowed
	Number Of Virtual Disk Groups
	Number Of Access Virtual Disks
	Remote Replication Enabled
	Total HotSpare Physical Disks
	Total In Use Hot Spare Physical Disks
	Total Standby Hot Spare Physical Disks

Category	Attribute Name
	Number Of LUNs Allowed
	Number Of Volumes Allowed
	Cache Block Size (KB)
	Number Of Snap Shots Used
	Security Key Identifier
	Virtual Disk Copy Enabled
	Number Of Volumes
	Number Of Volumes Allowed Per Volume Group
	Name
	Number Of Copies Used
	Number Of Partitions Used
	Number Of Replication Group Allowed
	Percentage Start Cache Flushing
	Number Of Hosts Allowed Per Host Group
	Percentage Stop Cache Flushing
	Safe Store Physical Disk Security
	Solid State Disk Support
	NVSRAM Version
	Number Of Expansion Enclosures Allowed
	Number Of Physical Disks Allowed
	Number Of Physical Disks Used
	Number Of Replication Group Used
	Number Of Thin Virtual Disks Allowed
	Number Of Thin Virtual Disks Used
	Remote Replication Group Enabled
	Total Virtual Disks Used
	World Wide Identifier
	Number Of Storage Pools Allowed Per Controller
	Virtual Replication Configured
Host Group	Host Group Name
Host Group Thin Virtual Disk	Capacity
	LUN
	Media Scan With Consistency Check
	Read Cache
	SSID
	Dynamic Cache Read Prefetch
	Associated Disk Group
	Enclosure Loss Protection

Category	Attribute Name
	Preferred Owner
	RAID Level
	Current Owner
	Segment Size
	Write Cache
	Write Cache With Mirroring
	Flush Write Cache After (Seconds)
	Modification Priority
	Name
	Virtual Disk Status
	Virtual Disk World Wide Identifier
	Enable Background Media Scan
	Write Cache Without Batteries
Host Interface Board	Date Of Manufacture
	Part Number
	Replacement Part Number
	Board ID
	Location
	Serial Number
	Vendor
	Number of Ports
	Status
	Type
Host On Default Host Group	Initiator
	Host Name
	Host Type
	Interface Type
	Alias
	CHAP Secret
	Label
Host Port	Port ID
	Port Type
	Channel ID
	Current Data Rate
	World Wide Port Identifier
	Status
	Maximum Data Rate
Host Summary	Host Type

Category	Attribute Name
	Label
	Initiator
	Initiator ID
	Host Name
	CHAP Secret
	Mapped
	Alias
	Profile
	Interface Type
	Discovered
	Host Group Name
	Nick Name
Host Thin Virtual Disk	Associated Disk Group
	Capacity
	Dynamic Cache Read Prefetch
	Name
	Modification Priority
	Write Cache Without Batteries
	Current Owner
	Enclosure Loss Protection
	RAID Level
	SSID
	Write Cache
	Enable Background Media Scan
	Flush Write Cache After (Seconds)
	Media Scan With Consistency Check
	Segment Size
	Virtual Disk Status
	Virtual Disk World Wide Identifier
	LUN
	Read Cache
	Write Cache With Mirroring
	Preferred Owner
Host Virtual Disk	SSID
	Write Cache With Mirroring
	LUN
	Modification Priority
	Physical Disk Type

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

Category	Attribute Name
	Virtual Disk World Wide Identifier
Host Mapping	LUN
	Ports
	Volume Name
	Volume Serial
	Access
ISCSI Host Port	Duplicate Address Detection Transmit Count
	Hop Limit
	IPv6 Auto Configuration
	I/O Response Time
	Status
	IPv4 Priority
	Link Status
	Maximum Transmission Unit
	Port
	Name
	IPv4 IP Address
	Local IP Address
	ID
	IOPS
	IPv4 Network Configurations
	Reachable Time
	Stale Timeout
	Write Response Time
	DHCP Status
	Duplex Mode
	IPv4
	IPv6 Configuration Status
	IPv6 Priority
	Maximum Port Speed
	VLAN ID
	Local Address
	Queue Depth
	ICMP Ping Responses
	IPv4 Gateway
	IPv4 VLAN ID
	IPv6
	IPv6 Router IP Address

Category	Attribute Name
	Jumbo Frames
	Configured Speed
	Read Response Time
	Current Port Speed
	IPv4 Subnet Mask
	MAC Address
	Retransmit Time
	TCP Listening Port
	VLAN
	Type
	Current Data Rate
ISCSI Small Form Factor Pluggable	Part Number
	10G Compliance
	Cable Technology
	Revision
	Status
	Ethernet Compliance
	Vendor
	Cable Length
Local Virtual Disk Information	Role
	Virtual Disk World Wide Identifier
	Name
	Capacity
Physical Disks	Speed
	Vendor
	Media Type
	Revision
	SMART
	Slot
	Status
	World Wide Identifier
	Health
	Product ID
	Sector Format
	Usable Capacity
	Associated Disk Group
	Drive Spin Down Count
	Enclosure

Category	Attribute Name
	Power On Hours
	SSD Life Left
	Transfer Rate
	Current Data Rate
	Date Of Manufacture
	Firmware Version
	Interface Type
	Physical Disk Path Redundancy
	Owner
	Serial Number
	Temperature
	Description
	FDE State
	Mode
	Raw Capacity
	Usage
Port Channel Connections	Port ID
	Channel ID
Power Supply	Date Of Manufacture
	Part Number
	Vendor
	Status
	Location
	Serial Number
Processor Cache	Total Present
Remote Virtual Disk Information	Capacity
	Name
	Virtual Disk World Wide Identifier
	Role
	Remote Storage Array
Replicated Pair	Write Mode
	Synchronization Priority
	Resynchronization
	Name
	State
Small Form Factor Pluggable	Manufactured Date
	Revision
	Vendor

Category	Attribute Name
	Connector
	Part Number
	IEEE ID
	Data Rate
	Serial Number
	Link Length
	Transmission
	Location
	Attached To
	Status
	Transmitter
Temperature Sensor	Status
	Location
	Temperature
V2 Enclosure	Enclosure WWN
	Chassis Name
	ID
	Model
	Status
	Name
	Part Number
	Revision
	Manufacturing Date
	Midplane Serial Number
	Current Physical Disk Type
	Enclosure Power
	Service Tag
	EMP A Revision
	EMP B BUS ID
	EMP B Revision
	EMP B Target ID
	Midplane Type
	EMP A BUS ID
	Vendor
	EMP A Target ID
V2 Hot Spare General Information	List Virtual Disk Groups Not Protected
	Total In Use Hot Spare Disks
	Total Standby Hot Spare Disks

Category	Attribute Name
	Total HotSpare Physical Disks
V2ISCSI VirtualDisk	Target Alias
	DisAllow UN Named Discovery Sessions
	IPV4 Configuration
	Chap Secret Defined
	ISNS Server Registration
	Target Authentication
	IPv4 Address
	TCP Listening Port
	Target Name
	IPv6 Address
	Dynamic Cache Read Prefetch
	SSID
	Write Cache Without Batteries
	Enclosure Loss Protection
	LUN
	Media Scan With Consistency Check
	Write Cache
	Modification Priority
	Name
	Preferred Owner
	Enable Background Media Scan
	Physical Disk Type
	RAID Level
	Write Cache With Mirroring
	Capacity
	Flush Write Cache After (Seconds)
	Current Owner
	Read Cache
	Associated Disk Group
	Segment Size
	Virtual Disk Status
	Virtual Disk World Wide Identifier
Volumes	Allocated Size
	Raid Type
	Storage Pool Name
	Storage Type
	Type

Category	Attribute Name
	Preferred Owner
	Volume Group
	World Wide Identifier
	Serial Number
	Large Virtual Extents
	Capacity
	Name
	Owner
	Health

Items reported from networking devices

ⓘ **NOTE:** The IP address of the networking device is available in collections only if the out-of-band IP address is set on the networking device.

Topics:

Networking or Force10

Table 15. Attributes

Category	Attribute Name
Alarm Threshold Information	Particulars
	Minor
	Minor Off
	Major
	Major Off
	Shutdown
Boot Var Loop Variable	ImageFileName
CPLD	FPGA Name
	Version
CSP Info	PE ID
	Tx PDU Sem Status
	Rx PDU Sem Status
	Local Req Sem Status
	Remote Req Sem Status
Configuration Management Information	IP Address
	Default Gateway
Configured Protocols	Protocol
Debug Information	Protocol
	Status
ETS Summary	Interface Name
	ETS DCBx Operation Status
	Configuration TLV Tx Status
	Reco TLV Tx Status
Fan	Bay

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

Category	Attribute Name
	Fan9 Status
Fans	Bay
	Fan0 Status
	Fan0 Speed
	Fan1 Status
	Fan1 Speed
	Fan2 Status
	Fan2 Speed
	Fan3 Status
	Fan3 Speed
Interface	Interface Name
	Description
	Interface Status
	Unit Number
	Line Protocol
	MTU
	IP MTU
	Line Speed
	Flowcontrol Rx
	Flowcontrol Tx
	SFP Receive Power
	Status
	Duplex
	VLAN
	Wave Length
	Media Type
	STP Edge Port
	Type
	Port Channel
	MAC Address
	Port Mode
	IP Address
	NetMask
	DCBx Port Role
	LLDP
	VLAN Mode
	Switch Port
	Unicast Packets Received

Category	Attribute Name
	Tagged VLANs
	Untagged VLANs
	Edge Port
	BPDU Filter
	BPDU Guard
	LLDP Advertisements Enabled
	Flow Control TX
	Flow Control RX
	Subnet Mask
Inventory Information	Unit
	Type
	Part Number
Inventory Media Information Non Qualified	Slot Number
	Port Number
	Media Type
	Media
	Serial Number
	Force10 Qualified
LACP Information	Port Channel Number
	Admin State
	Operational State
	Mode
	Actor System Priority
	Actor System Address
	Partner System Priority
	Partner System Address
	Actor Admin Key
	Operational Key
	Partner Operational Key
	Port Channel Number
LACP Port Channel	LACP Indicator
	LAG
Port Counters Information	Port Number
	Port State
	LACP State
	Port Mode
	Actor Admin State
	Actor System Administrator Key

Category	Attribute Name
	Actor System Priority
	Port Operational State
	Port Opertional Key
	Port Opertional Priority
	LACP PDU Tx
	LACP PDU Rx
	Marker PDU Tx
	Marker PDU Rx
	Unknown Packets Rx
	Illegal Packets Rx
LACP Port Counters Information	Port Number
	Port State
	LACP State
	Port Mode
	Actor Admin State
	Actor System Admin Key
	Actor System Priority
	Port Operational State
	Port Opertional Key
	Port Opertional Priority
	LACP PDU Tx
	LACP PDU Rx
	Marker PDU Tx
	Marker PDU Rx
	Unknown Packets Rx
	Illegal Packets Rx
LLDP Neighbor Information	Local Port ID
	Remote Host Name
	Remote Port ID
	Remote Chassis-ID
	Vendor
Line	Type
	Execution Timeout
Line Card Information	Card Number
	Status
	Next Boot
	Required Type
	Current Type

Category	Attribute Name
	Hardware Revision
	Number of Ports
	Up Time
	OS Version
	Jumbo Capable
	Burned In MAC
	Number Of MACs
	Line Number
Line Card Temperature	Card Number
	Voltage Status
	Temperature
	Card Number
Major Alarm	Alarm Type
	Duration
Manufacturer Information	Chassis Type
	Chassis Mode
	Chassis Epoch
	Chassis MAC Address
	Serial Number
	Part Number
	Vendor ID
	Date Code
	Country Code
	Product Revision
	Piece Part ID
	PPID Revision
	Service Tag
	Express Service Code
	Express Service Code
Management Loop Variable	Interface Name
Minor Alarm	Alarm Type
	Duration
Model	Switch Type Chassis
	Switch Model Type
NTP Association	Remote IP Address
	Reference Clock
	Stratum
	When

Category	Attribute Name
	Polling Interval
	Reachability
	Delay
	Offset
	Dispersion
NTP Status	Time
	Clock Synchronization
Networking	IP Address
	Virtual IP Address
	Spanning Tree Status
	Make
	Update Switch Version
	Switch Name
	Host Name
	DCBStatus
	FIPS Mode Status
	Stack Status
	LLDP Status
	ISCSI Status
	Hardware Revision
	Members
Out Of Band Management Information	Port
	IP Address
	MTU
	Line Speed
	Duplex
	Admin Status
	Link Status
	Gateway
	NetMask
	Subnet Mask
Port Extender Error Information	Port Extender ID
	Port Extender MAC Address
	Port Extender Errors
PFC Summary	Name
	PFC Admin
	PFC Remote Mode
	PFC DCBx Operational Status

Category	Attribute Name
	TLV Tx Status
	iSCSI TLV Tx Status
	Local iSCSI Priority Map
	Remote iSCSI Priority Map
	DCBx Operation Status
	Remote MAC Address
Physical Address	VLAN ID
	MAC Address
	Interface
	Vendor
	Interface Name
Port Channel	Channel Group
	Description
	Ports
	MAC Address
	Mode
	MTU
	Admin Status
	Link Status
	VLAN Mode
	Switch Port
	STP Port Type
	Port Mode
	Tagged VLANs
	Untagged VLANs
	Edge Port
	BPDU Filter
	BPDU Guard
Port Extender	Maximum Number Of Port Extender Units Allowed
	Current Number Of Port Extender Units In The System
	Boot Flash
Port Extender ID Assigned	Port Extender ID
	Status
	System MAC
	Up Time
	Discovery Status
	User Configured Cascade Ports
	Cascade LAG

Category	Attribute Name
	Cascade Local Status
	Cascade Remote Status
	Port Extender Configuration Local Status
	Port Extender Configuration Remote Status
Power Supply	Bay
	Status
Power Supply Port Extender	Unit
	Bay
	Status
	Type
	Fan Status
	Fan Speed
Protocol Information	SSH
	Telnet
	RIP Status
	RIP Version
RPM Card Information	Slot
	Status
	NxtBoot
	Version
RPM Card Information	Card Number
	Status
	Next Boot
	Card Type
	Hardware Revision
	Number of Ports
	Up Time
	Last Restart
	OS Version
	Jumbo Capable
RPM Card Temperature	Card Number
	Temperature
	Voltage Status
	Card Number
Redundancy Information	Management ID
	Port Extender ID
	Port Extender Redundancy Role
	Port Extender State

Category	Attribute Name
	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
SFM Card Information	SFM Number
	Status
	Type
	Up Time
SFM Card Temperature	Slot Number
	Voltage Status
	Temperature
Security Information	SNMP Notification
	Logging FTP Server
	Enable Secret
Spanning Trees	Mode
	Root ID Priority
	Root ID Address
	Bridge ID Priority
	Bridge ID Address
	MST ID
	Spanning Tree VLANs
	VLAN ID
Spanning Tree Interface	Name
	User Role
	Port ID
	Priority
	Cost
	Status
	Link Type
	Edge Port

Category	Attribute Name
Stack Information	Stack ID
	Status
	Reason
	Type
	Unit MAC
	Number of Ports
Stack Port	Topology
Stack Port Interface	Interface
	Connections
	Link Speed(Gbps)
	Admin Status
	Link Status
	Trunk Group
Stack Ports Info	Interface
	Connections
	Link Speed(in Gbps)
	Admin Status
	Link Status
Stack Unit Details	Stack ID
	Port Extender ID
Stack Info	Unit Type
	Up Time
	Hardware Revision
	OS Version
	Jumbo Capable
	Temperature
	Voltage Status
	Serial Number
	Part Number
	Piece Part ID
	Service Tag
	Express Service Code
	Burned In MAC
	Number Of MACs
	Chassis ID
Statistics Information	Port Extender ID
	Port Extender CSP Tx Message
	Port Extender CSP Rx Message

Category	Attribute Name
	ECP Tx
	ECP Rx Acknowledgement
	ECP Dropped
	ECP Rx
	ECP Tx Acknowledgement
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
Temperature Sensors	Temperature
	Voltage Status
Thermal Sensor	Module
	S0
	S1
	S2
	S3
	S4
	S5
	S6
	S7
	S8
	S9
	S10
	S11
	S12
	Unit
	Bcm_Int
	CpuOnBoard
	Bcm56960
	SysInt0

Category	Attribute Name
	SysInt1
	Cpu_Int
	Bcm56960_F
	SysInt
	Bcm56960_R
	SwitchOn
	FP-GE
	FP-SFP+
Unit	Model
	Serial Number
	Management Status
	Switch Status
	Detected Code Version
	Up Time
	Boot Flash
	Unit Number
	Service Tag
	Reload Type
	Burned In MAC
	Chassis ID
	Boot Mode
	Next Boot
	Up Time
Unit Number Loop Variable	Unit Number
VLAN	VLAN ID
	Name
	Subnet Mask
	Status
	Ports
	Untagged Ports
	Tagged Ports
	VLT Tagged Ports
	VLT Untagged Ports
	IP Address
	Port
VLT	Domain ID
	Port Channel Name
	Primary Priority

Category	Attribute Name
	Backup Destination
	MAC Address
	Unit Id
Version Dependency	FW Version

Networking with OS10

Table 16. Attributes

Category	Attribute Name
CPLD	FPGA Name
	Version
Configuration Management Information	IP Address
	Default Gateway
ETS Summary	Interface Name
	ETS DCBx Operation Status
	Configuration TLV Tx Status
	Reco TLV Tx Status
Fan	Bay
	Fan ID
	Fan Status
	Fan Speed
Interface	Interface Name
	Unit Number
	Interface Status
	Link Status
	MTU
	IP MTU
	Line Speed
	Flow Control RX
	Description
	Flow Control TX
	Duplex
	VLAN
	Media Type
	Wave Length
	SFP Receive Power
	Unicast Packets Received
	STP Edge Port
	Port Mode

Category	Attribute Name
	IP Address
	Net Mask
	DCBx Port Role
	LLDP
	VLAN Mode
	Tagged VLANs
	BPDU Filter
	BPDU Guard
	MAC Address
	Untagged VLANs
	Port Channel
	Type
Inventory Information	Unit
	Type
	Part Number
Inventory Media Information Non Qualified	Slot Number
	Port Number
	Media Type
	Media
	Serial Number
	Dell EMC Qualified
LACP Information	Port Channel Number
	Admin State
	Operational State
	Mode
	Actor System Priority
	Actor System Address
	Partner System Priority
	Partner System Address
	Actor Admin Key
	Operational Key
	Partner Operational Key
LACP Port Channel	LACP Indicator
	LAG
LACP Port Counters Information	Port Number
	Port State
	LACP State
	Port Mode

Category	Attribute Name
	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
LLDP Neighbor Information	Local Port ID
	Remote Host Name
	Remote Port ID
	Remote Chassis-ID
	Vendor
Line	Type
	Execution Timeout
Major Alarm	Name
	Duration
Minor Alarm	Name
	Duration
NTP Association	Remote IP Address
	Reference Clock
	Stratum
	Polling Interval
	Reachability
	Delay
	Offset
	Dispersion
NTP Status	Time
	Clock Synchronization
Networking	IP Address
	Make
	Update Switch Version
	Switch Name
	Host Name

Category	Attribute Name
	Hardware Revision
	Members
	Spanning Tree Status
	Stack Status
	DCBStatus
	FIPS Mode
	LLDP Status
	iSCSI Status
Out Of Band Management Information	Port
	IP Address
	Admin Status
	Link Status
	Gateway
	Net Mask
PFC Summary	Name
	PFC Admin
	PFC Remote Mode
	PFC DCBx Operational Status
	TLV Tx Status
	iSCSI TLV Tx Status
	Local iSCSI Priority Map
	Remote iSCSI Priority Map
	DCBx Operation Status
	Remote MAC Address
Physical Address	VLAN ID
	MAC Address
	Interface
	Vendor
Port Channel	Description
	Ports
	MAC Address
	Mode
	MTU
	Admin Status
	Link Status
	VLAN Mode
	Tagged VLANs
	Untagged VLANs

Category	Attribute Name
	Edge Port
	BPDU Filter
	BPDU Guard
Power Supply	Bay
	Status
Protocol Information	SSH
Security Information	SNMP Notification
	Logging FTP Server
	Enable Secret
Spanning Trees	Mode
	VLAN ID
	Root ID Priority
	Root ID Address
	Bridge ID Priority
	Bridge ID Address
	MST ID
	Spanning Tree VLANs
Spanning Tree Interface	Name
	Port ID
	Status
	Cost
	User Role
	Priority
	Edge Port
Storm Control Configuration	Interface
	Packets Per Second
	Percentage
	Wred Profile
	Type
TC Group Local	TC Group
	Priority
	Bandwidth (%)
	TSA
Temperature Sensor	Temperature
	Voltage Status
Thermal Sensor	Sensor
	Temperature
Unit	Unit Number

Category	Attribute Name
	Model
	Management Status
	Switch Status
	Detected Code Version
	Service Tag
	Reload Type
	Burned In MAC
	Up Time
	Serial Number
	Boot Mode
	Next Boot
	Chassis ID
	Boot Flash
VLAN	VLAN ID
	Status
	IP Address
	Subnet Mask
	Ports
	Untagged Ports
	Tagged Ports
VLT	Backup Destination
	Domain ID
	Unit Id
	Primary Priority
	Port Channel Name
	MAC Address
VLT Dependency	Domain ID

PowerConnect or Networking

Table 17. Attributes

Category	Attribute Name
Channel Name	Channel
Description Loop Variable	Port
Designated Root	Status
	Type
	Priority Number
	Restricted Ports
	State

Category	Attribute Name
	Restricted Port
	Port Fast
	User Role
	Cost
	Name
Fan	Status
	Fan4
	Fan3
	Fan5
	Fan2
	Name
	Fan1
Global Settings	Status
	Spanning Mode
	BPDU Flooding
	Mode
	Port Fast
	Spanning Tree Mode
Interface	DCBx Port Role
	Default VLAN
	Description
	Port Mode
	LLDP Advertisements Enabled
	Duplex
	MAC Addresses
	MTU
	Admin State
	IP Address
	Link State
	Unicast Packets Received
	Subnet Mask
	Flow Control Status
	Untagged VLANs
	Tagged VLANs
	Port Number
	Auto Port Fast
	Speed
	Negotiation

Category	Attribute Name
	MDIX
	Port Fast State
	Tagged Vlans
	MAC Address
	VLAN Mode
	Untagged Vlans
	LLDP
	Port Channel Name
	Type
	Unit Number
	Port Fast
	Port Configuration
	Ucast Mode
Interface Name	Port
LLDP Remote	Peer DCBX Version
	Port ID
	Capabilities
	Port
	Chassis ID
	Vendor
	System Name
	TTL
	Local Interface
LLDP TLV Interfaces	Priority Flow Control
	ETS Recommend
	App Priority
	Interface
	ETS Configuration
LLDP TLV Port	Port
Line	Type
	Execution Timeout
MLAG	Opertaional VPC MAC
	VPC State
	Priority
	Peer IP Address
	Opertaional Priority
	VPC Domain ID
	Configured VPC MAC

Category	Attribute Name
	Peer Detected
	VPC Role
	Peer Admin Status
	Configured Priority
Networking	Flow Control
	Chassis Tag
	Description
	ISCSI Status
	Mode
	Spanning Tree Status
	Make
	Host Name
	LLDP
	IP Address
	Asset Tag
	Stack Status
	CPU Version
	Switch Name
	DHCP L2 Relay Status
	Members
	LLDP Status
	Hardware Version
	DCBStatus
Out Of Band Management Information	IP Address
	Link State
	Subnet Mask
	Gateway
Physical Address	VLAN ID
	VLAN
	Interface Name
	Vendor
	MAC Address
Port Aggregator	Default VLAN
	Group VLAN
	Ports
	Group Id
Port Channel	Admin Status
	Description

Category	Attribute Name
	Channel Group
	Channel
	Mode
	Ports
	Tagged Vlans
	VLAN Mode
	MAC Address
	Untagged Vlans
	MTU
	Name
	Admin State
	Link State
	Hash Algorithm Type
	Unicast Packets Received
	Untagged VLANs
	Port Fast
	Tagged VLANs
	STP Port Type
	Link Status
Port Dependency	Channel
	Ports
Port Fast Interface	Speed
	Negotiation
	MDIX
	Description
	Port
	Admin
	Duplex
	MTU
	Admin State
	Type
	Link State
	Flow Control Status
	Port Number
	Ucast Mode
Port Fast Interface Port Channel	Port Number
Power Supply	Status
	Power Status

Category	Attribute Name
	Name
Priority Flow Control	No Drop Priorities
	Port
	Operational Status
	Drop Priorities
Slot	Slot Number
	Status
	Admin State
	Configured Card Model ID
	Slot Name
	Pluggable
	Power State
	Unit
Spanning Trees	MST ID
	Spanning Tree VLANs
	Root ID Address
	RPVSTID
	Root ID Path Cost
	Root Port
	Bridge ID Priority
	PVSTID
	Root ID Priority
	ID
	Bridge ID Address
Spanning Tree Active Name	Name
Spanning Tree Interface	Status
	Priority Number
	State
	Restricted Port
	Port Fast
	User Role
	Cost
	Name
Stacking Front Port	Admin Status
	Link Speed(Gbps)
	Configured Stack Mode
	Port Mode
	Link Status

Category	Attribute Name
	Running Stack Mode
	Interface
Temperature Sensor	Status
	Description
	Temperature (Celsius)
	Celsius
Thermal Condition	Status
	Celsius
Traffic Class Group	Data Rate
	Minimum Bandwidth
	Scheduler Type
	Traffic Class Group
	Weight
Traffic Class Group - Traffic Class Mapping	Traffic Class Group
	Traffic Class
Traffic Class - User Priority Mapping	User Priority
	Traffic Class
Unit	Standby Status
	Description
	Detected Code Version
	Up Time
	PreConfigured Model ID
	Chassis ID
	MAC Address
	Serial Number
	Service Tag
	Management Status
	Switch Status
	Unit Number
	Model
	CPLD
	Boot Flash
Unit Properties	Unit
Unit Property	Unit
VLAN	IP Address
	Type
	Net Mask
	Subnet Mask

Category	Attribute Name
	VLAN ID
	Ports
	Tagged Ports
	Untagged Ports
	Name
Validation3X	Unit
Validation3XLoopVariable	Unit
Validation 5X	Unit
Validation Actual	Switch Version
iSCSI Option	COS
	Enabled
	VPT
	DSCP

Other supported networking devices

Brocade Fibre Channel switches

The following are the attributes collected in the **Brocade Fibre Channel switches** category.

Table 18. Brocade Fibre Channel switch attributes

Category	Attribute Name
Connected Member	WWPN
	Alias
	Vendor
Fan	Speed
	Status
	Fan ID
ISL	Domain ID
	Local Port Number
	Speed
	Remote Switch Host Name
	Remote Port Number
	Bandwidth
	Flags
	Remote WWN
Networking	Fabric
	Port Count
	User Role
	Serial Number

Category	Attribute Name
	Switch Mode
	IP Address
	Gateway
	Switch Name
	Brocade Type
	Switch WWN
	Switch State
	Fabric OS Version
	Domain ID
	Date Time
	Subnet Mask
	Switch Id
	Service Tag
	Type
	Kernel
Port	Speed
	Negotiation
	Attached Device Port WWN
	State
	Media
	Licensed
	ID
	Name
Port Connection	World Wide Port Identifier
	Port Type
	Address
	Attached Device
	Attached Node
Power Supply	Name
	Status
Switch Connections	Port
Temperature	Fahrenheit
	Centigrade
	State
	Sensor ID
Voltage	Name
	Voltage Value
Zone	Zone Name

Category	Attribute Name
Zone Configuration	Active
	Name
Zone Port	World Wide Port Identifier
	Port ID
	Attached Device
	Alias
	Port Index

Brocade Fibre Channel over Ethernet switches

The following are the attributes collected in the **Brocade Fibre Channel over Ethernet switches** category.

Table 19. Brocade Fibre Channel over Ethernet switch attributes

Category	Attribute Name
Cee Map	PGID
	Weight
	PFC Status
	Traffic Class
	Bandwidth In Percentage
FC Information	Fabric
	Domain ID
	Switch Role
FC Port Information	Port
	State
Fan	Name
	Status
Global LLDP Property	State
	Mode
	Advertise Transmitted Time
	Advertise Hold Time
	Re Init Delay Timer
	Tx Delay Timer
	Dcbx FCoE Priority Bits By Value
	Dcbx iSCSI Priority Bits By Value
Interface	Port Number
	Unit Number
	MTU
	Link State
	Duplex
	Speed

Category	Attribute Name
	Flowcontrol Rx
	Flowcontrol Tx
	Admin State
	Queue Strategy
	Hardware
	MAC Address
Interface Media Property	Name
	Identifier
	Connector
	Transceiver
	Baud Rate In Units 100 megabaud
	Vendor Name
	Vendor PN
	WaveLength In Units nm
	Serial Number
	Tx Power In uWatts
	Rx Power In uWatts
Interface QoS Property	Name
	Provisioning Mode
	Cee Map
	Flow Control Mode
Networking	IP Address
	Switch Name
	Description
	Vendor Name
	Spanning Tree Status
	Make
Port Channel	Channel Group
	Hash Algorithm Type
	Ports
Power Supply	Name
	Status
Temperature Sensor	Sensor ID
	State
	Centigrade
	Fahrenheit
Unit	Unit Number
	Number Of FC Ports

Category	Attribute Name
	Number Of 10 Gb Ports
	Switch Status
	Model
	Firmware Version
	Up Time
	Factory Serial Number
	Supplier Serial Number
VLAN	VLAN ID
	Name
	State
	Ports
Zone Information	Name
	Port ID
	World Wide Port Identifier

Cisco Fibre Channel switches

The following are the attributes collected in the **Cisco Fibre Channel swicthes** category.

Table 20. Cisco Fibre Channel switch attributes

Category	Attribute Name
Device Alias	Alias Name
	VSAN ID
	WWPN
Features And Services	SSH-Server
	QoS
	SNMP
Fibre Channel Domain	VSAN
	World Wide Port Identifier
	FCID
	Assignment
	Alias
IP Routes	Serial Number
	IP Route
Networking	Broadcast Mask
	Management Interface
	Boot Kickstart Boot Flash
	User Role
	Default Network
	Model

Category	Attribute Name
	Serial Number
	CDP
	IP Address
	Management Interface Speed (Mb/s)
	Switch Name
	Firmware Version
	HOP Number
	Subnet Mask
	Default Gateway
Port	Port ID
	World Wide Port Identifier
	Attached Node Name
	Attached Port Name
	Vendor
	VSAN ID
	Status
	Speed (bps)
Port License	Interface
	Cookie
	Port Activation License
User Role	User Role
	Description
	VSAN-Policy
Rules	Rule
	Type
	Command-type
	Feature
SNMP Hosts	Host Name
	Port
	Version
	Level
	Type
	Community String
SNMP Settings	Community
	Group Name
SNMP Traps	Trap Type
	Enabled
Name Server Database	Permanent Port WWN

Category	Attribute Name
	Fabric Port WWN
	Symbolic Port Name
	FCID
	Vendor
	FC4 Types
	Node WWN
	Port WWN
	Symbolic Node Name
	Class
	IPA
	Node IP
	Hardware Address
	Port IP
	Port Type
	VSAN ID
Switch Ports	Interface
	Description
	Trunk Mode
	Beacon
	Encapsulation
	Ignore
	fcrxbbcredit
	Speed (Mbps)
	Mode
	Trunk Allowed
	fcrxbufsize
VSAN	VSAN ID
	Interop Mode
	State
Zone	Zone Name
Zone Member	Alias
	Port WWN
ZoneSet	Active

Cisco Fibre Channel over Ethernet switches

The following are the attributes collected in the **Cisco Fibre Channel over Ethernet switches** category.

Table 21. Cisco Fibre Channel over Ethernet switch attributes

Category	Attribute Name
Bridge	Priority
	Address
	Hello Time
	Max Age
	Delay Time
CDP Neighbors	Chassis ID
	Local Port ID
	Hold Time
	Capabilities
	Platform
	Port ID
Cee Map	PGID
	Weight
	PFC Status
	Traffic Class
	Bandwidth In Percentage
Enabled Features	Feature Name
	Instance ID
FC Information	Fabric
	Domain ID
	Switch Role
FC Port Information	Port
	State
Fabric Extenders	FEX Number
	FEX Description
	State
	Model
	FEX Serial Number
	Chassis Serial Number
	Fabric Port
	Fabric Port State
	Fex Uplink
Fan	Name
	Status
Global LLDP Property	State
	Mode
	Advertise Transmitted Time

Category	Attribute Name
	Advertise Hold Time
	Re Init Delay Timer
	Tx Delay Timer
	Dcbx FCoE Priority Bits By Value
	Dcbx iSCSI Priority Bits By Value
Interface	Port
	Name
	Status
	Speed
	Duplex
	VLAN
	Type
	Mode
	CoS
	Reason
	Switch Port
	Voice VLAN
	Port Status
	Extended Trust State
	Unknown Unicast Blocked
	Unknown Multicast Blocked
	Rx Pause
	Tx 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
	RxPPP
	TxPPP
	MAC Address
	Port Number
	Unit Number
	MTU
	Link State
	Flowcontrol Rx
	Flowcontrol Tx

Category	Attribute Name
	Admin State
	Queue Strategy
	Hardware
Interface Media Property	Name
	Identifier
	Connector
	Transceiver
	Baud Rate In Units 100 megabaud
	Vendor Name
	Vendor PN
	WaveLength In Units nm
	Serial Number
	Tx Power In uWatts
	Rx Power In uWatts
Interface QoS Property	Name
	Provisioning Mode
	Cee Map
	Flow Control Mode
LACP Neighbor	Port
	Partner System ID
	Partner Port Number
	Age
	Partner Flag
	LACP Partner Port Priority
	Partner Operator Key
	Port State
LACP Port Channel	Local System ID
	Partner System ID
	Member Port List
LLDP	LLDP TLV
LLDP Neighbor	Chassis ID
	Port ID
	Local Port ID
	Port Description
	System Name
	System Capabilities
	System Description
	Enabled Capabilities

Category	Attribute Name
	Management Address
	VLAN ID
Module	Module Number
	Number of Ports
	Module Type
	Model
	Status
Network Policy Maps	Type
	Class Type Network-QoS
	MTU
Networking	IP Address
	Host Name
	BIOS Version
	System Version
	Device Name
	Up Time
	Policy Map Used
	Switch Name
	Description
	Vendor Name
	Spanning Tree Status
	Make
Port Channel	Group
	Port Channel Name
	Protocol
	Port Type
	Status
	MTU
	Port Mode
	Duplex
	Speed
	Input Flow Control
	Output Flow Control
	Ports
	MAC Address
	COS
	Channel Group
	Hash Algorithm Type

Category	Attribute Name
Power Supply	Name
	Status
QoS Policy Maps	Type
	Class Type QoS
	Set QoS Group
Queuing Policy Maps	Type
	Class Type Queuing
	Bandwidth (%)
Root	Priority
	Address
	Hello Time
	Max Age
	Delay Time
Session	Session ID
	VLANs Included
	Protocol
Spanning Tree Interface	Interface
	User Role
	Status
	Cost
	Priority Number
	Type
Temperature Sensor	Sensor ID
	State
	Centigrade
	Fahrenheit
Transceiver	Port
	Present
	Type
	Name
	Part Number
	Nominal Bit Rate
	Extended ID
Unit	Unit Number
	Number Of FC Ports
	Number Of 10 Gb Ports
	Switch Status
	Model

Category	Attribute Name
	Firmware Version
	Up Time
	Factory Serial Number
	Supplier Serial Number
VLAN	VLAN ID
	Name
	Status
	Ports
	State
VPC	Peer Status
	Keep-Alive Status
	ID
	Port
	Status
	Active VLANs
Zone Information	Name
	Port ID
	World Wide Port Identifier

Cisco Catalyst switches

The following are the attributes collected in the **Cisco Catalyst switches** category.

Table 22. Cisco Catalyst switch attributes

Category	Attribute Name
CDP Neighbors	Remote Device Name
	Local Interface
	Hold Time
	Capabilities
	Platform
	Remote Interface
Fan	Name
	Status
Interface	Port
	Status
	Duplex
	Speed
	Link State
	Send Flow Control Admin
	Send Flow Control Current

Category	Attribute Name
	Receive Flow Control Admin
	Receive Flow Control Current
	MTU
	Tx Pause
	Rx Pause
	MAC Address
	Admin Status
LLDP Remote	Remote Device Name
	Local Interface
	Remote Interface
Physical Address	VLAN ID
	MAC Address
	Vendor
	Port ID
Port Channel	Channel Group
	Port Channel
	Protocol
	Ports
	MAC Address
Spanning Tree Interface	Name
	User Role
	Status
	Cost
	Priority Number
	Type
Switch Temperature	Temperature
	Temperature Value
	Temperature State
Temperature Sensor	Celsius
	Status
Trunk Port	Port
	Mode
	Encapsulation
	Status
	Native VLAN
	Allowed VLAN
Unit	Make
	IP Address

Category	Attribute Name
	Model
	Unit Number
	Detected Code Version
	Serial Number
	Management Status
	Switch Name
	Spanning Tree Enabled
	Up Time
	Chassis ID
VLAN	VLAN ID
	Name
	IP Address
	Subnet Mask
	Ports

Items reported from chassis

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

Table 23. PowerEdge FX2/FX2s, M1000e, and VRTX attributes

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

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

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

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

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

Category	Attribute Name
	Firmware Version
	Power State
	DriveSlotCount
	Name
Switch Slots	Display Name
	Firmware Version
	Model
	Service Tag
	Switch Model
	Slot Name
	Type
	Health
	Presence
	Role
	Hardware Version
	Power State
Temperature Sensor	Lower Critical
	Status
	Upper Critical
	Reading
	Units
	Upper Warning
	Lower Warning
	Sensor Name
Virtual Adapter Assignment To Blade Slot	Server Slot Name
	Storage Adapter Slots
	Virtual Adapter
	Server Slot
	Server Presence
Virtual Adapter Assignment To Virtual Disk	Failover Controller
	Current Active Controller
	Virtual Adapter1 Access Policy
	Virtual Adapter4 Access Policy
	FQDD
	Virtual Adapter3 Access Policy
	Virtual Adapter2 Access Policy
Virtual Disk	Media Type
	Current Active Controller

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

Items reported from PowerEdge MX7000

Table 24. PowerEdge MX7000 attributes

Category	Attribute Name
MAC WWN Address assignment by Chassis Slot and Mezz Card	Name
	Type
	Presence
	BMC MAC Address
	NIC1 MAC Address
	NIC2 MAC Address
Chassis Information	Chassis Name
	System Model
	Primary Management Module Firmware Version
	Primary Management Module Location
	Standby Management Module Firmware Version
	Last Firmware Update
	MAC Address
	Register Management Module on DNS
	IP Address
	Service Tag
	Health
	Midplane Version

Category	Attribute Name
	DNS Management Module Name
	DNS Domain Name
	Gateway
	Netmask
	DNS Server 1
	DNS Server 2
	Chassis Power Status
	Chassis Group Name
Chassis Slot	Slot Name
	Host Name
	Presence
	Mezzanine B Type
	Mezzanine B Model
	Mezzanine C Type
	Mezzanine C Model
	Servicetag
	BIOS Version
	Blade Type
Event Filter	Name
	Category
	Sub Category Description
	Severity
	Notifications
Fan	Slot
	Reading
	Power State
	Health
	Presence
Hard Drive	Bus Protocol
	Capacity
	Media Type
	Slot
	Slot Assignment
	State
	Health
	Name
Power Summary	Health
	Idle Power

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

Category	Attribute Name
	Presence
	Role
	Power State
	Hardware Version
	Firmware Version
	Type
	Display Name
Temperature Sensor	Sensor Name
	Status
	Reading
	Lower Warning
	Lower Critical
	Upper Warning
	Upper Critical
	Units
VLAN	Description
	Type
	VLAN ID
	VLAN Name

Items reported from software

Microsoft System Center Virtual Machine Manager (SCVMM)

Table 25. SCVMM attributes

Category	Attribute Name
Cluster	Name
	Cluster Name
	Domain Name
	Host Group
	Cluster Reserve State
	Available Storage Node
	Nodes
Host	State
	Name
	Number Of Processors
	Cores Per CPU
	Processor Manufacturer
	Processor Model
	Processor Speed
	Available Memory
	Total Memory
	Computer Name
	Operating System
	Operating System Build
	Virtual Machines
	Physical Disks
	Disk Count
	Volume(s)
	Number Of Virtual Machines
	CPU Utilization
	Overall Status
	Platform
	IP Address
	Fibre Channel Present

Category	Attribute Name
	Software iSCSI Status
	Volume Count
Network Adapter	Name
	IP Address
	MAC Address
	Connection State
	Connection Name
	Data Rate
	Virtual Network
	Host
Operating System	Name
	Description
	Version
	Architecture
Physical Disks	Host
	Cluster Disk Name
	SAN Attached
	Clustered
	Name
	Disk Status
	Capacity
	SM LUN Id
	Volumes Associated
	Description
	Partition Count
	Serial Number
	Vendor
	Model
Software	Server Interface Version
	Physical Address Range Start
	Physical Address Range End
	Database Server Name
	Database Instance Name
	Database Name
	Company Name
	Version
	Product Alias
	Product ID

Category	Attribute Name
	Host
	Evaluation Days Left
	Evaluation Version
	License Type
	IP Address
VMM Group	Name
	All Child Hosts
	All Child Groups
	Is Root
Validate SCVMM	InstallPath
	Software Version
	Value
Virtual Hard Disks	Virtual Machine Name
	Name
	Format
	Type
	Provisioned
	Committed
	Location
	Description
	Vendor
	Model
	Serial Number
	SAN Attached
	Clustered
	Cluster Disk Name
Virtual Machine	VMC Path
	Virtual Machine Id
	Total Used Space
	Memory Assigned
	Operating System
	Power Status
	Start Action
	Stop Action
	CPU Type
	CPU Utilization
	Virtual Hard Disks
	Virtual Disk Drives

Category	Attribute Name
	Host Type
	Location
	SAN Status
	Virtual Machine Name
	Passthrough Present
	Passthrough Disks
	Host
	Highly Available
	CPU Count
	Template
	Virtual Machine Checkpoints
	Virtual Machine Additions
	Disk Count
	Nic Count
	Virtual Network Name
	MAC Address
	Name
	VLAN Status
	Type
	VLAN ID
	Compliance Status
Virtual Network Adapter	Name
	VM Host Network Adapters
	VM Host ID
	Starting IP Address
	Ending IP Address
	Guest MAC Addresses
	Guest VMs
	Host
Virtual Switch	Switch Name
	Network Adapter
	Connection Type
	Allow Management OS to Share
	VLAN ID
Volumes	Name
	Volume Label
	Capacity
	Free Space

Category	Attribute Name
	Used Space
	Physical Disks
	Partition Number
	Description
	Vendor
	Model
	Clustered
	Cluster Shared Volume

VMware vCenter

Table 26. VMware vCenter attributes

Category	Attribute Name
Alarm	Alarm Name
	Entity
	Entity Type
	Datacenter
	Acknowledged
	Acknowledged By User
	Acknowledged Time
	Overall Status
	Time
Assigned Host	Host
	Assigned CPUs
	Expires
Cluster	Cluster Name
	Number of Hosts
	Total CPU Resources
	Total Memory
	Status
	DRS Enabled
	HA Enabled
	EVC Mode
	Datacenter
Cluster Host	IP Address
	OS Type
Datastore	Host Address
	Volume Name
	Type

Category	Attribute Name
	VMFS Version
	URL
	Capacity
	Provisioned
	Committed
	Free Space
	Remote Host
	Remote Path
	Block Size
	Extents
	Number of Virtual Machines
	Virtual Machine
Disks	Name
	Location
	Mode
	Type
	Format
	Provisioned
Distributed Virtual Switch	Switch Name
	Max Ports
	Total Ports
Extent	Canonical Name
	Vendor
	Model
	UUID
	Multipath Policy
	Path Runtime Name
	Path Count
	Path Target
	VAAI Status
FC HBA	Adapter Name
	Vendor Name
	Model
	Driver
	Driver Version
	World Wide Node Name
	World Wide Port Name
	Status

Category	Attribute Name
Host	IP Address
	Overall Status
	Datacenter
	Cluster Name
	Make
	Model
	OS Type
	Processor Type
	CPU Sockets
	CPU Cores Per Socket
	CPU Cores Speed
	CPU Capacity
	CPU Used
	CPU Free
	Memory Capacity
	Memory Used
	Memory Free
	Host Bus Adapters
	Network Adapters
	Datastore
	Power State
	Maintenance Mode
	Reboot Required
	Maximum EVC Mode Key
	Current EVC Mode Key
	Software iSCSI Enabled
	Fibre Channel Present
	Dell MEM Installed
	Dell MEM Version
	LRO Status
	Service Tag
Host Service	Name
	Startup Policy
	Status
License	License Name
	Capacity
	Assigned CPUs
Network Adapter	Name

Category	Attribute Name
	Driver Name
	Make
	Vendor
	Model
	MAC Address
	Duplex
	Speed
	vSwitch
	Driver Version
	Firmware Version
Network Interface Card	Name
	IP Address
	Network Name
	MAC Address
	Address Type
Partition	Name
	Capacity
	Free
	Used
Port Group	vSwitch
	Port Group
	VLAN ID
	Device Name
	DHCP
	IP Address
	Subnet Mask
	MAC Address
	MTU
	Assigned VM
	Active Adapter
	Standby Adapter
	Unused Adapter
Raw Device Mapping	Compatibility Mode
	Vendor
	Model
	Canonical Name
	UUID
	Multipath Policy

Category	Attribute Name
	Path Count
	Path Run Time Name
	Path Target
SCSI Adapter	Controller Name
	Controller Type
	Controller Position
SCSI HBA	Adapter Name
	Model
	Driver
	Status
SCSI LUN	Device Name
	UUID
	Vendor
	Model
	Canonical Name
	Capacity
	Multipath Policy
	Path Count
	Path Runtime Name
	Path Target
	VAAI Status
Software	Host
	Architecture
	Version
	Datacenter
VM Tools Information	Tools Version Present
	Tools Upgrade Policy
	Tools Auto-Update Supported
	Tools Status
	Tools Version Status
Validate VCenter	value
Virtual Machine	Name
	UUID
	Version
	OS Type
	State
	IP Address
	CPU Count

Category	Attribute Name
	Memory
	Committed
	Provisioned
	Snapshots Present
	CPU Used
	Host Memory Used
	Guest Memory Used
	Datastore
	RDMs Present
	Disk Count
	NIC Count
	Dell VSM Version
iSCSI HBA	Adapter Name
	Model
	Driver
	Driver Version
	iSCSI Name
	Is Software Based
	IP Address
	Subnet Mask
	Default Gateway
	MAC Address
	MTU
	Status
	Delayed Ack
	iSCSI Static Discovery Portal
	iSCSI Dynamic Discovery Portal
	NIC Binding
	ISCSI Offload Engine
	managedObjectValue
	device
vSwitch	Name
	Teaming Policy
	MTU
	Active Adapter
	Standby Adapter
	Unused Adapter

Host Integration Toolkit for VMware

Table 27. HitKit for VMware attributes

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

Virtual Storage Manager (VSM)

Table 28. VSM attributes

Category	Attribute Name
Network	Host
	IP Address
	Netmask
	Gateway
	DNS Server1
	DNS Server2
Software	Version

Category	Attribute Name
	Studio Version
	Time Zone
	Studio Build Number
Storage Network	IP Address
	Netmask
	Static Route
VASA	User Name
Validate Version	Version

Items reported from Web-scale hyperconverged appliances

Web-scale hyperconverged appliances

The following are the attributes collected in the **Web-scale hyperconverged appliances** category.

Table 29. Web-scale hyperconverged appliance attributes

Category	Attribute Name
Alert	Issue
	Severity
	Timestamp
	Entities
Container	Container Name
	Container Used Capacity
	Container Total Capacity
	Container Free Capacity
Event	Message
	Timestamp
	Entities
IPMI	IP Address
	Default Gateway
	Netmask
NCC Health Check	NCC Version
	Checks Passed Count
	Checks Info Count
	Checks Warning Count
	Checks Failed Count
	NCC Result
Network	VLAN Name
	Subnet Mask
	VLAN ID
	Default Gateway
Solution	Cluster ID
	Cluster Name
	Cluster IP Address
	Management Console Version

Category	Attribute Name
	Current Redundancy Factor
	Desired Redundancy Factor
	SMTP Server
	Proxy IP Address
	DNS Servers
	NTP Servers
	External Subnet Mask
	Internal Subnet Mask
	Active Directory Domain
Storage Pool	Name
Virtual Machine	Virtual Machine Name
	Average IO Latency
	Cores
	CPU Usage
	IO Bandwidth
	IPv4 Addresses
	IPv6 Addresses
	Memory Capacity
	Memory Usage
	Physical Host
	Provisioned Capacity
	Read IOPS
	Used Capacity
	Write IOPS
Affected Entity Type	Affected Entity Type
	Check
	Description
	Cause
	Resolutions
	Status

Items reported in analytics collections

The following table lists the attributes that are collected from an iDRAC during analytics collections:

Table 30. Attributes collected from iDRAC as part of analytics collections

Category	Attribute Name
Smart Data Metrics	FQDD
	Metric ID
	Metric Value
	Timestamp
Smart Data Metrics Report	ID
	Name
	Report Sequence
	Timestamp