

Server Inventory

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1. Overview

Service for getting server inventory data via wsman.

1.1. Version information

Version: 1.0 dev

1.2. License information

License: Apache 2.0

License URL: <https://github.com/RackHD/smi-service-dell-server-inventory/blob/master/LICENSE>

Terms of service: <http://rackhd.readthedocs.io>

1.3. URI scheme

Host: localhost

BasePath: /

1.4. Tags

- server-log-controller: Server Log Controller
- server-inventory-controller-2_0: Server Inventory Controller 2_0
- server-log-controller-2_0: Server Log Controller 2_0
- server-inventory-controller: Server Inventory Controller

2. Paths

2.1. /bios

```
POST /api/1.0/server/inventory/bios
```

2.1.1. Description

This operation allow user to collects the bios throu wsman.

2.1.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.1.3. Responses

HTTP Code	Description	Schema
200	Success	DCIMBIOSConfig
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.1.4. Consumes

- application/json

2.1.5. Produces

- application/json

2.1.6. Tags

- server-inventory-controller

2.2. /boot

```
POST /api/1.0/server/inventory/boot
```

2.2.1. Description

This operation allow user to collect boot order details throu wsman.

2.2.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.2.3. Responses

HTTP Code	Description	Schema
200	Success	BootOrderDetails
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.2.4. Consumes

- application/json

2.2.5. Produces

- application/json

2.2.6. Tags

- server-inventory-controller

2.3. /callback

```
POST /api/1.0/server/inventory/callback
```

2.3.1. Description

This operation allow user to collect all the server inventory throu wsman. It uses callback uri to respond once the inventory is done. Type could be : hardware | nics | software | boot | bios | summary | sellog | lclog

2.3.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	inventoryCallbackRequest	inventoryCallbackRequest	true	InventoryCallbackRequest	

2.3.3. Responses

HTTP Code	Description	Schema
200	Success	ResponseString
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.3.4. Consumes

- application/json

2.3.5. Produces

- application/json

2.3.6. Tags

- server-inventory-controller

2.4. dummyCallback

POST /api/1.0/server/inventory/dummyCallback

2.4.1. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	inventoryCallbackResponse	inventoryCallbackResponse	true	InventoryCallbackResponse	

2.4.2. Responses

HTTP Code	Description	Schema
200	OK	string
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

2.4.3. Consumes

- application/json

2.4.4. Produces

- application/json

2.4.5. Tags

- server-inventory-controller

2.5. /hardware

POST /api/1.0/server/inventory/hardware

2.5.1. Description

This operation allow user to get complete server hardware inventory throu wsman.

2.5.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.5.3. Responses

HTTP Code	Description	Schema
200	Success	ServerHardwareInventory

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.5.4. Consumes

- application/json

2.5.5. Produces

- application/json

2.5.6. Tags

- server-inventory-controller

2.6. /ips

POST /api/1.0/server/inventory/ips

2.6.1. Description

This operation allow user to collect server software identity throu wsman.

2.6.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	deviceIps	deviceIps	true	DevicesIpsRequest	

2.6.3. Responses

HTTP Code	Description	Schema
200	Success	InventoryInformation

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.6.4. Consumes

- application/json

2.6.5. Produces

- application/json

2.6.6. Tags

- server-inventory-controller

2.7. /get/{type}

```
POST /api/1.0/server/inventory/logs/get/{type}
```

2.7.1. Description

This operation allow user to collect sel logs throu wsman.

2.7.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	
PathParameter	type	type	true	string	

2.7.3. Responses

HTTP Code	Description	Schema
200	Success	object array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.7.4. Consumes

- application/json

2.7.5. Produces

- application/json

2.7.6. Tags

- server-log-controller

2.8. /manager

POST /api/1.0/server/inventory/manager

2.8.1. Description

This operation allow user to get complete server hardware inventory throu wsman.

2.8.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.8.3. Responses

HTTP Code	Description	Schema
200	Success	Manager

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.8.4. Consumes

- application/json

2.8.5. Produces

- application/json

2.8.6. Tags

- server-inventory-controller

2.9. /nics

POST /api/1.0/server/inventory/nics

2.9.1. Description

This operation allow user to get complete server nics information throu wsman.

2.9.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.9.3. Responses

HTTP Code	Description	Schema
200	Success	HwNic array

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.9.4. Consumes

- application/json

2.9.5. Produces

- application/json

2.9.6. Tags

- server-inventory-controller

2.10. /software

POST /api/1.0/server/inventory/software

2.10.1. Description

This operation allow user to get complete server software inventory throu wsman.

2.10.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.10.3. Responses

HTTP Code	Description	Schema
200	Success	DCIMSoftwareIdentityType array

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.10.4. Consumes

- application/json

2.10.5. Produces

- application/json

2.10.6. Tags

- server-inventory-controller

2.11. /summary

POST /api/1.0/server/inventory/summary

2.11.1. Description

This operation allow user to get partial server information throu wsman.

2.11.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.11.3. Responses

HTTP Code	Description	Schema
200	Success	HwSystem

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.11.4. Consumes

- application/json

2.11.5. Produces

- application/json

2.11.6. Tags

- server-inventory-controller

2.12. /bios

POST /api/2.0/server/inventory/bios

2.12.1. Description

This operation allow user to collects the bios throu wsman.

2.12.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.12.3. Responses

HTTP Code	Description	Schema
200	Success	object

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.12.4. Consumes

- application/json

2.12.5. Produces

- application/json

2.12.6. Tags

- server-inventory-controller-2_0

2.13. /boot

POST /api/2.0/server/inventory/boot

2.13.1. Description

This operation allow user to collect boot order details throu wsman.

2.13.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.13.3. Responses

HTTP Code	Description	Schema
200	Success	object

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.13.4. Consumes

- application/json

2.13.5. Produces

- application/json

2.13.6. Tags

- server-inventory-controller-2_0

2.14. /callback

POST /api/2.0/server/inventory/callback

2.14.1. Description

This operation allow user to collect all the server inventory throu wsman. It uses callback uri to respond once the inventory is done. Type could be : hardware | nics | software | boot | bios | summary | sellog | lclog

2.14.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	inventoryCallbackRequest	inventoryCallbackRequest	true	InventoryCallbackRequest	

2.14.3. Responses

HTTP Code	Description	Schema
200	Success	ResponseString
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.14.4. Consumes

- application/json

2.14.5. Produces

- application/json

2.14.6. Tags

- server-inventory-controller-2_0

2.15. /dcim/{type}

```
POST /api/2.0/server/inventory/dcim/{type}
```

2.15.1. Description

This operation allow user to collect sel logs throu wsman.

2.15.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	
PathParameter	type	type	true	string	

2.15.3. Responses

HTTP Code	Description	Schema
200	Success	object array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.15.4. Consumes

- application/json

2.15.5. Produces

- application/json

2.15.6. Tags

- server-inventory-controller-2_0

2.16. /hardware

POST /api/2.0/server/inventory/hardware

2.16.1. Description

This operation allow user to get complete server hardware inventory throu wsman.

2.16.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.16.3. Responses

HTTP Code	Description	Schema
200	Success	object

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.16.4. Consumes

- application/json

2.16.5. Produces

- application/json

2.16.6. Tags

- server-inventory-controller-2_0

2.17. /ips

POST /api/2.0/server/inventory/ips

2.17.1. Description

This operation allow user to collect server software identity throu wsman.

2.17.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	deviceIps	deviceIps	true	DevicesIpsRequest	

2.17.3. Responses

HTTP Code	Description	Schema
200	Success	InventoryInformation

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.17.4. Consumes

- application/json

2.17.5. Produces

- application/json

2.17.6. Tags

- server-inventory-controller-2_0

2.18. /get/{type}

```
POST /api/2.0/server/inventory/logs/get/{type}
```

2.18.1. Description

This operation allow user to collect sel logs throu wsman.

2.18.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	
PathParameter	type	type	true	string	

2.18.3. Responses

HTTP Code	Description	Schema
200	Success	object array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.18.4. Consumes

- application/json

2.18.5. Produces

- application/json

2.18.6. Tags

- server-log-controller-2_0

2.19. /manager

POST /api/2.0/server/inventory/manager

2.19.1. Description

This operation allow user to get complete server hardware inventory throu wsman.

2.19.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.19.3. Responses

HTTP Code	Description	Schema
200	Success	object

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.19.4. Consumes

- application/json

2.19.5. Produces

- application/json

2.19.6. Tags

- server-inventory-controller-2_0

2.20. /nics

POST /api/2.0/server/inventory/nics

2.20.1. Description

This operation allow user to get complete server nics information throu wsman.

2.20.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.20.3. Responses

HTTP Code	Description	Schema
200	Success	object array

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.20.4. Consumes

- application/json

2.20.5. Produces

- application/json

2.20.6. Tags

- server-inventory-controller-2_0

2.21. /software

POST /api/2.0/server/inventory/software

2.21.1. Description

This operation allow user to get complete server software inventory throu wsman.

2.21.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.21.3. Responses

HTTP Code	Description	Schema
200	Success	object array

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.21.4. Consumes

- application/json

2.21.5. Produces

- application/json

2.21.6. Tags

- server-inventory-controller-2_0

2.22. /summary

POST /api/2.0/server/inventory/summary

2.22.1. Description

This operation allow user to get partial server information throu wsman.

2.22.2. Parameters

Type	Name	Description	Required	Schema	Default
BodyParameter	credential	credential	true	Credential	

2.22.3. Responses

HTTP Code	Description	Schema
200	Success	object

HTTP Code	Description	Schema
201	Created	No Content
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

2.22.4. Consumes

- application/json

2.22.5. Produces

- application/json

2.22.6. Tags

- server-inventory-controller-2_0

3. Definitions

3.1. BootOrderDetails

Name	Description	Required	Schema	Default
bootSequenceRetry		false	BootSequenceRetry	
bootSourcesByBoot Modes		false	BootSourcesByBoot Modes	
currentBootMode		false	string	
hardDrives		false	HardDrives	
includeBootOrderI nProfile		false	boolean	

3.2. BootSequenceRetry

Name	Description	Required	Schema	Default
currentValue		false	string	
possibleValues		false	string array	

3.3. BootSources

Name	Description	Required	Schema	Default
bootSource		false	BootSourcesType array	

3.4. BootSourcesByBootMode

Name	Description	Required	Schema	Default
bootMode		false	string	
bootSources		false	BootSources	

3.5. BootSourcesByBootModes

Name	Description	Required	Schema	Default
bootSourcesByBoot Mode		false	BootSourcesByBoot Mode array	

3.6. BootSourcesType

Name	Description	Required	Schema	Default
currentSequence		false	string	
enabled		false	boolean	
instanceId		false	string	
name		false	string	
type		false	string	

3.7. Caption

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	string	

3.8. CimBoolean

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	boolean	

3.9. CimDateTime

Name	Description	Required	Schema	Default
cimdateTime		false	JAXBElement«string»	
date		false	XMLGregorianCalendar	
datetime		false	XMLGregorianCalendar	
interval		false	Duration	
otherAttributes		false	object	
time		false	XMLGregorianCalendar	

3.10. CimInt

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	integer (int32)	

3.11. CimString

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	string	

3.12. CimUnsignedInt

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	integer (int64)	

3.13. CimUnsignedLong

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	integer (int64)	

3.14. CimUnsignedShort

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	integer (int32)	

3.15. Classifications

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.16. CommunicationStatus

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.17. Credential

Device access credential.

Name	Description	Required	Schema	Default
address	IP Address	true	string	
identifier	Service identifier like service tag ... etc	false	string	
password	Password.	false	string	
userName	Username.	false	string	

3.18. DCIMBIOSConfig

Name	Description	Required	Schema	Default
dcimBIOSEnumerationTypeList		false	DCIMBIOSEnumerationType array	
dcimBIOSIntegerType		false	DCIMBIOSIntegerType array	
dcimbiosstringType		false	DCIMBIOSStringType array	

3.19. DCIMBIOSEnumerationType

Name	Description	Required	Schema	Default
any		false	object array	
attributeDisplayName		false	CimString	
attributeName		false	CimString	
caption		false	Caption	
currentValue		false	CimString array	
defaultValue		false	CimString array	
dependency		false	CimString	
description		false	CimString	
displayOrder		false	CimInt	
elementName		false	CimString	
fqdd		false	CimString	
generation		false	CimUnsignedLong	

Name	Description	Required	Schema	Default
groupDisplayName		false	CimString	
groupID		false	CimString	
instanceID		false	CimString	
isOrderedList		false	CimBoolean	
isReadOnly		false	CimString	
otherAttributes		false	object	
pendingValue		false	CimString array	
possibleValues		false	CimString array	
possibleValuesDescription		false	CimString array	

3.20. DCIMBIOSIntegerType

Name	Description	Required	Schema	Default
any		false	object array	
attributeDisplayName		false	CimString	
attributeName		false	CimString	
caption		false	Caption	
currentValue		false	CimString array	
defaultValue		false	CimString array	
dependency		false	CimString	
description		false	CimString	
displayOrder		false	CimInt	
elementName		false	CimString	
fqdd		false	CimString	
generation		false	CimUnsignedLong	
groupDisplayName		false	CimString	
groupID		false	CimString	
instanceID		false	CimString	

Name	Description	Required	Schema	Default
isOrderedList		false	CimBoolean	
isReadOnly		false	CimString	
lowerBound		false	CimUnsignedLong	
otherAttributes		false	object	
pendingValue		false	CimString array	
programmaticUnit		false	CimString	
scalarIncrement		false	CimUnsignedInt	
upperBound		false	CimUnsignedLong	

3.21. DCIMBIOSStringType

Name	Description	Required	Schema	Default
any		false	object array	
attributeDisplayName		false	CimString	
attributeName		false	CimString	
caption		false	Caption	
currentValue		false	CimString array	
defaultValue		false	CimString array	
dependency		false	CimString	
description		false	CimString	
displayOrder		false	CimInt	
elementName		false	CimString	
fqdd		false	CimString	
generation		false	CimUnsignedLong	
groupDisplayName		false	CimString	
groupID		false	CimString	
instanceID		false	CimString	
isOrderedList		false	CimBoolean	
isReadOnly		false	CimString	

Name	Description	Required	Schema	Default
maxLength		false	CimUnsignedLong	
minLength		false	CimUnsignedLong	
otherAttributes		false	object	
pendingValue		false	CimString array	
stringType		false	StringType	
valueExpression		false	CimString	

3.22. DCIMSoftwareIdentityType

Name	Description	Required	Schema	Default
any		false	object array	
buildNumber		false	CimUnsignedShort	
caption		false	Caption	
classificationDescriptions		false	CimString array	
classifications		false	Classifications array	
communicationStatus		false	CommunicationStatus	
componentID		false	CimString	
componentType		false	CimString	
description		false	CimString	
detailedStatus		false	DetailedStatus	
deviceID		false	CimString	
elementName		false	CimString	
extendedResourceType		false	ExtendedResourceType	
generation		false	CimUnsignedLong	
healthState		false	HealthState	
identityInfoType		false	IdentityInfoType array	

Name	Description	Required	Schema	Default
identityInfoValue		false	IdentityInfoValue array	
impactsTPMmeasurements		false	CimBoolean	
installDate		false	CimDateTime	
installationDate		false	CimString	
instanceID		false	CimString	
isEntity		false	CimBoolean	
isLargeBuildNumber		false	CimBoolean	
languages		false	CimString array	
largeBuildNumber		false	CimUnsignedLong	
majorVersion		false	CimUnsignedShort	
manufacturer		false	CimString	
minExtendedResourceTypeBuildNumber		false	CimUnsignedShort	
minExtendedResourceTypeMajorVersion		false	CimUnsignedShort	
minExtendedResourceTypeMinorVersion		false	CimUnsignedShort	
minExtendedResourceTypeRevisionNumber		false	CimUnsignedShort	
minorVersion		false	CimUnsignedShort	
name		false	Name	
operatingStatus		false	OperatingStatus	
operationalStatus		false	OperationalStatus array	
otherAttributes		false	object	

Name	Description	Required	Schema	Default
otherExtendedResourceTypeDescription		false	CimString	
primaryStatus		false	PrimaryStatus	
releaseDate		false	CimDateTime	
revisionNumber		false	CimUnsignedShort	
revisionString		false	CimString	
serialNumber		false	CimString	
status		false	CimString	
statusDescriptions		false	CimString array	
subDeviceID		false	CimString	
subVendorID		false	CimString	
targetOSTypes		false	TargetOSTypes array	
targetOperatingSystems		false	CimString array	
targetTypes		false	CimString array	
vendorID		false	CimString	
versionString		false	CimString	

3.23. Defaults

Inventory data object.

Name	Description	Required	Schema	Default
data	data	true	object	
type	type	true	string	

3.24. DetailedStatus

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.25. DevicesIpsRequest

Array of IP request for device discovery.

Name	Description	Required	Schema	Default
credential	Credential	false	Credential	
deviceType	Device type	false	string array	
ips	IP Array	true	string array	

3.26. Duration

Name	Description	Required	Schema	Default
days		false	integer (int32)	
hours		false	integer (int32)	
minutes		false	integer (int32)	
months		false	integer (int32)	
seconds		false	integer (int32)	
sign		false	integer (int32)	
xmlschemaType		false	QName	
years		false	integer (int32)	

3.27. ExtendedResourceType

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.28. HardDrives

Name	Description	Required	Schema	Default
hardDrive		false	BootSourcesType array	

3.29. HealthState

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.30. HwBattery

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
probeName		false	string	
state		false	string	
status		false	string	

3.31. HwController

Name	Description	Required	Schema	Default
batteryState		false	string	
batteryStatus		false	string	
bgiRate		false	string	
bus		false	string	
cacheCadeCapabilit y		false	string	
cacheSizeInMB		false	string	
ccMode		false	string	
ccRate		false	string	
controllerFirmwar eVersion		false	string	
copyBackMode		false	string	
device		false	string	
deviceCardDataBus Width		false	string	

Name	Description	Required	Schema	Default
deviceCardManufacturer		false	string	
deviceCardSlotLength		false	string	
deviceCardSlotType		false	string	
deviceDescription		false	string	
driverVersion		false	string	
encryptionCapability		false	string	
encryptionMode		false	string	
fQDD		false	string	
function		false	string	
id		false	integer (int64)	
instanceID		false	string	
keyID		false	string	
lastSystemInventoryTime		false	string	
lastUpdateTime		false	string	
maxAvailablePciLinkSpeed		false	string	
maxPossiblePciLinkSpeed		false	string	
patrolReadMode		false	string	
patrolReadState		false	string	
pcideviceID		false	string	
pcislot		false	string	
pcisubDeviceID		false	string	
pcisubVendorID		false	string	
pcivendorID		false	string	
possibleSpeed		false	string	
preservedCache		false	string	

Name	Description	Required	Schema	Default
primaryStatus		false	string	
productName		false	string	
realtimeCapability		false	string	
rebuildRate		false	string	
rollUpStatus		false	string	
sasaddress		false	string	
securityStatus		false	string	
slicedVDCapability		false	string	
supportControllerBootMode		false	string	
supportEnhancedAutoForeignImport		false	string	
supportRaid10UnevenSpans		false	string	
t10piCapability		false	string	

3.32. HwCpu

Name	Description	Required	Schema	Default
cache1Associativity		false	string	
cache1ErrorMethodology		false	string	
cache1Level		false	string	
cache1Location		false	string	
cache1PrimaryStatus		false	string	
cache1Size		false	string	
cache1SramType		false	string	
cache1Type		false	string	
cache1WritePolicy		false	string	
cache2Associativity		false	string	

Name	Description	Required	Schema	Default
cache2ErrorMethodology		false	string	
cache2Level		false	string	
cache2Location		false	string	
cache2PrimaryStatus		false	string	
cache2Size		false	string	
cache2SramType		false	string	
cache2Type		false	string	
cache2WritePolicy		false	string	
cache3Associativity		false	string	
cache3ErrorMethodology		false	string	
cache3Level		false	string	
cache3Location		false	string	
cache3PrimaryStatus		false	string	
cache3Size		false	string	
cache3SramType		false	string	
cache3Type		false	string	
cache3WritePolicy		false	string	
cpuFamily		false	string	
cpuStatus		false	string	
currentClockSpeed		false	string	
deviceDescription		false	string	
executeDisabledCapable		false	string	
executeDisabledEnabled		false	string	
externalBusClockSpeed		false	string	
fqdd		false	string	

Name	Description	Required	Schema	Default
hyperThreadingCapable		false	string	
hyperThreadingEnabled		false	string	
id		false	integer (int64)	
manufacturer		false	string	
maxClockSpeed		false	string	
model		false	string	
numberOfEnabledCores		false	string	
numberOfProcessorCores		false	string	
primaryStatus		false	string	
turboModeCapable		false	string	
turboModeEnabled		false	string	
virtualizationTechnologyCapable		false	string	
virtualizationTechnologyEnabled		false	string	
voltage		false	string	

3.33. HwEnclosure

Name	Description	Required	Schema	Default
assetTag		false	string	
connector		false	string	
deviceDescription		false	string	
emmCount		false	integer (int32)	
fanCount		false	integer (int32)	
fqdd		false	string	
id		false	integer (int64)	
instanceId		false	string	

Name	Description	Required	Schema	Default
lastSystemInventoryTime		false	string	
lastUpdateTime		false	string	
primaryStatus		false	string	
productName		false	string	
psuCount		false	integer (int32)	
rollupStatus		false	string	
serviceTag		false	string	
slotCount		false	integer (int32)	
state		false	string	
tempProbeCount		false	integer (int32)	
version		false	string	
wiredOrder		false	string	

3.34. HwFan

Name	Description	Required	Schema	Default
activeCooling		false	string	
currentReading		false	string	
deviceDescription		false	string	
fqdd		false	string	
id		false	integer (int64)	
maxCriticalThreshold		false	string	
maxWarningThreshold		false	string	
minCriticalThreshold		false	string	
minWarningThreshold		false	string	
primaryStatus		false	string	
pwm		false	string	

Name	Description	Required	Schema	Default
redundancyStatus		false	string	

3.35. HwIntrusion

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
state		false	string	
status		false	string	

3.36. HwLed

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
state		false	string	
status		false	string	

3.37. HwMemory

Name	Description	Required	Schema	Default
bankLabel		false	string	
currentOperatingSpeed		false	string	
deviceDescription		false	string	
fqdd		false	string	
id		false	integer (int64)	
manufactureDate		false	string	
manufacturer		false	string	
memoryType		false	string	
model		false	string	
partNumber		false	string	

Name	Description	Required	Schema	Default
primaryStatus		false	string	
rank		false	string	
serialNumber		false	string	
size		false	number (double)	
speed		false	number (double)	

3.38. HwNic

Name	Description	Required	Schema	Default
autoNegotiation		false	string	
busNumber		false	string	
controllerBiosVersion		false	string	
currentMACAddresses		false	string	
dataBusWidth		false	string	
deviceDescription		false	string	
deviceNumber		false	string	
familyDriverVersion		false	string	
familyVersion		false	string	
fcoEOffloadMode		false	string	
fcoEWwnn		false	string	
fqdd		false	string	
id		false	integer (int64)	
iscsiBootMode		false	string	
iscsiInitiatorGateway		false	string	
iscsiInitiatorIpAddress		false	string	
iscsiInitiatorName		false	string	

Name	Description	Required	Schema	Default
iscsiInitiatorPrimaryDns		false	string	
iscsiInitiatorSecondaryDns		false	string	
iscsiInitiatorSubnet		false	string	
iscsiMacAddress		false	string	
iscsiOffloadMode		false	string	
iscsiOffloadSupport		false	string	
legacyBootProtocol		false	string	
linkDuplex		false	string	
linkSpeed		false	string	
linkStatus		false	string	
macAddress		false	string	
maxBandwidth		false	string	
mediaType		false	string	
minBandwidth		false	string	
nicMode		false	string	
osDriverState		false	string	
pciDeviceID		false	string	
pciSubDeviceID		false	string	
permanentFcoMacAddress		false	string	
permanentMacAddress		false	string	
permanentiScsiMacAddress		false	string	
productName		false	string	
receiveFlowControl		false	string	
slotLength		false	string	
slotType		false	string	

Name	Description	Required	Schema	Default
teaming		false	string	
toeSupport		false	string	
transmitFlowControl		false	string	
vendorName		false	string	
virtWwn		false	string	
virtWwpn		false	string	
virtualIscsiMacAddress		false	string	
virtualMacAddress		false	string	
wwn		false	string	
wwpn		false	string	

3.39. HwNote

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
message		false	string	

3.40. HwPhysicalDisk

Name	Description	Required	Schema	Default
blockSizeInBytes		false	string	
busProtocol		false	string	
connector		false	string	
deviceDescription		false	string	
driveFormFactor		false	string	
fqdd		false	string	
freeSizeInBytes		false	string	
hotSpareStatus		false	string	

Name	Description	Required	Schema	Default
instanceID		false	string	
lastSystemInventoryTime		false	string	
lastUpdateTime		false	string	
manufacturer		false	string	
manufacturingDay		false	string	
manufacturingWeek		false	string	
manufacturingYear		false	string	
maxCapableSpeed		false	string	
mediaType		false	string	
model		false	string	
operationName		false	string	
operationPercentComplete		false	string	
ppid		false	string	
predictiveFailureState		false	string	
primaryStatus		false	string	
raidStatus		false	string	
remainingRatedWriteEndurance		false	string	
revision		false	string	
rollupStatus		false	string	
sasaddress		false	string	
securityState		false	string	
serialNumber		false	string	
sizeInBytes		false	string	
slot		false	string	
supportedEncryptionTypes		false	string	

Name	Description	Required	Schema	Default
t10PICapability		false	string	
usedSizeInBytes		false	string	

3.41. HwPowerMonitoring

Name	Description	Required	Schema	Default
currentReading		false	string	
energyConsumption		false	string	
energyConsumptionEndDateTime		false	string	
energyConsumptionStartDateTime		false	string	
failureThreshold		false	string	
fqdd		false	string	
id		false	integer (int64)	
lastDayPeakAverage		false	string	
lastDayPeakMax		false	string	
lastDayPeakMaxTime		false	string	
lastDayPeakMin		false	string	
lastDayPeakMinTime		false	string	
lastDayPeakTime		false	string	
lastHourPeakAverage		false	string	
lastHourPeakMax		false	string	
lastHourPeakMaxTime		false	string	
lastHourPeakMin		false	string	
lastHourPeakMinTime		false	string	

Name	Description	Required	Schema	Default
lastHourPeakTime		false	string	
lastWeekPeakAverage		false	string	
lastWeekPeakMax		false	string	
lastWeekPeakMaxTime		false	string	
lastWeekPeakMin		false	string	
lastWeekPeakMinTime		false	string	
lastWeekPeakTime		false	string	
peakAmpsEndDateTime		false	string	
peakAmpsStartDateTime		false	string	
powerCap		false	string	
probeName		false	string	
profile		false	string	
systemInstantaneousHeadroom		false	string	
systemPeakAmps		false	string	
systemPeakHeadroom		false	string	
systemPeakPower		false	string	
systemPeakPowerEndDateTime		false	string	
systemPeakPowerStartDateTime		false	string	
warningThreshold		false	string	

3.42. HwPsu

Name	Description	Required	Schema	Default
firmwareVersion		false	string	

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
inputAmps		false	string	
inputVoltage		false	string	
inputWattage		false	string	
manufacturer		false	string	
name		false	string	
outputWattage		false	string	
partNumber		false	string	
redundancyStatus		false	string	
serialNumber		false	string	
status		false	string	
type		false	string	

3.43. HwSDCard

Name	Description	Required	Schema	Default
componentName		false	string	
deviceDescription		false	string	
fqdd		false	string	
id		false	integer (int64)	
initializedState		false	string	
instanceID		false	string	
licensed		false	string	
location		false	string	
onlineStatus		false	string	
size		false	string	
space		false	string	
status		false	string	
vflashEnabled		false	string	

Name	Description	Required	Schema	Default
writeProtected		false	string	

3.44. HwStorage

Name	Description	Required	Schema	Default
controllers		false	HwController array	
enclosures		false	HwEnclosure array	
physicalDisks		false	HwPhysicalDisk array	
virtualDisks		false	HwVirtualDisk array	

3.45. HwSystem

Name	Description	Required	Schema	Default
activePowerPolicy		false	string	
assetTag		false	string	
baseBoardChassisSlot		false	string	
batteryRollupStatus		false	string	
biosReleaseDate		false	string	
biosVersionString		false	string	
bladeGeometry		false	string	
boardPartNumber		false	string	
boardSerialNumber		false	string	
caption		false	string	
chassisModel		false	string	
chassisName		false	string	
chassisServiceTag		false	string	

Name	Description	Required	Schema	Default
chassisSystemHeight		false	string	
cmcip		false	string	
cpldVersion		false	string	
cpuRollupStatus		false	string	
currentRollupStatus		false	string	
deviceDescription		false	string	
elementName		false	string	
estimatedExhaustTemperature		false	string	
estimatedSystemAirflow		false	string	
expressServiceCode		false	string	
fanRollupStatus		false	string	
fqdd		false	string	
generation		false	string	
hostName		false	string	
id		false	string	
idsdmRollupStatus		false	string	
instanceID		false	string	
intrusionRollupStatus		false	string	
lastSystemInventoryTime		false	string	
lastUpdateTime		false	string	
licensingRollupStatus		false	string	
lifecycleControllerVersion		false	string	
manufacturer		false	string	

Name	Description	Required	Schema	Default
maxCpuSockets		false	string	
maxDimmSlots		false	string	
maxPcieSlots		false	string	
memoryOperationMode		false	string	
memoryRollupStatus		false	string	
model		false	string	
nodeId		false	string	
platformGuid		false	string	
populatedCpuSockets		false	string	
populatedDimmSlots		false	string	
populatedPcieSlots		false	string	
powerCap		false	string	
powerCapEnabledState		false	string	
powerState		false	string	
primaryStatus		false	string	
psRollupStatus		false	string	
rollupStatus		false	string	
sdCardRollupStatus		false	string	
serverAllocation		false	string	
serviceTag		false	string	
smbiosGUID		false	string	
storageRollupStatus		false	string	
sysMemErrorInfo		false	string	
sysMemErrorMethodology		false	string	

Name	Description	Required	Schema	Default
sysMemFailOverState		false	string	
sysMemLocation		false	string	
sysMemMaxCapacitySize		false	string	
sysMemPrimaryStatus		false	string	
sysMemTotalSize		false	number (double)	
systemGeneration		false	string	
systemID		false	string	
systemRevision		false	string	
tempRollupStatus		false	string	
tempStatisticsRollupStatus		false	string	
uuid		false	string	
voltRollupStatus		false	string	

3.46. HwTemperature

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
max		false	string	
maxCriticalThreshold		false	string	
maxWarningThreshold		false	string	
min		false	string	
minCriticalThreshold		false	string	
minWarningThreshold		false	string	
peak		false	string	

Name	Description	Required	Schema	Default
probeName		false	string	
reading		false	string	
status		false	string	

3.47. HwVirtualDisk

Name	Description	Required	Schema	Default
blockSizeInBytes		false	string	
busProtocol		false	string	
cacheCade		false	string	
deviceDescription		false	string	
diskCachePolicy		false	string	
fqdd		false	string	
id		false	integer (int64)	
instanceId		false	string	
lastSystemInventoryTime		false	string	
lastUpdateTime		false	string	
lockStatus		false	string	
mediaType		false	string	
name		false	string	
objectStatus		false	string	
operationName		false	string	
operationPercentComplete		false	string	
pendingOperations		false	string	
physicalDiskIds		false	string array	
primaryStatus		false	string	
raidStatus		false	string	
raidTypes		false	string	

Name	Description	Required	Schema	Default
readCachePolicy		false	string	
remainingRedundancy		false	string	
rollupStatus		false	string	
sizeInBytes		false	string	
spanDepth		false	string	
spanLength		false	string	
startingLbaInBlocks		false	string	
stripeSize		false	string	
t10piStatus		false	string	
virtualDiskTargetId		false	string	
writeCachePolicy		false	string	

3.48. HwVoltage

Name	Description	Required	Schema	Default
fqdd		false	string	
id		false	integer (int64)	
max		false	string	
min		false	string	
peak		false	string	
probeName		false	string	
reading		false	string	
status		false	string	

3.49. IdentityInfoType

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	string	

3.50. IdentityInfoValue

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	string	

3.51. IdracCardString

Name	Description	Required	Schema	Default
attributeDisplayName		false	string	
attributeName		false	string	
currentValue		false	string	
defaultValue		false	string	
dependency		false	string	
displayOrder		false	string	
fqdd		false	string	
groupDisplayName		false	string	
groupId		false	string	
instanceId		false	string	
isReadOnly		false	string	
maxLength		false	string	
minLength		false	string	
pendingValue		false	string	

3.52. InventoryCallbackRequest

Inventory callback request for device inventory.

Name	Description	Required	Schema	Default
callbackGraph	CallbackGraph.	false	string	
callbackUri	CallbackUri.	true	string	
credential	Credential	true	Credential	

Name	Description	Required	Schema	Default
type	Type.	true	string	

3.53. InventoryCallbackResponse

Inventory callback response for device inventory.

Name	Description	Required	Schema	Default
name	name.	false	string	
options		false	Options	

3.54. InventoryInformation

Name	Description	Required	Schema	Default
inventory		false	object	
ipAddress		false	string	
status		false	string	

3.55. JAXBElement«string»

Name	Description	Required	Schema	Default
globalScope		false	boolean	
name		false	QName	
nil		false	boolean	
typeSubstituted		false	boolean	
value		false	string	

3.56. Manager

Name	Description	Required	Schema	Default
stringViewList		false	IdracCardString array	

3.57. Name

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	string	

3.58. OperatingStatus

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.59. OperationalStatus

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.60. Options

Option object for call back inventory.

Name	Description	Required	Schema	Default
defaults	Defaults	true	Defaults	

3.61. PrimaryStatus

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.62. QName

Name	Description	Required	Schema	Default
localPart		false	string	

Name	Description	Required	Schema	Default
namespaceURI		false	string	
prefix		false	string	

3.63. ResponseString

Name	Description	Required	Schema	Default
callbackUri		false	string	
response		false	string	

3.64. ServerHardwareInventory

Name	Description	Required	Schema	Default
batteries		false	HwBattery array	
cpus		false	HwCpu array	
fans		false	HwFan array	
id		false	string	
intrusions		false	HwIntrusion array	
leds		false	HwLed array	
memories		false	HwMemory array	
nics		false	HwNic array	
notes		false	HwNote array	
powerMonitoring		false	HwPowerMonitoring	
powerSupplyUnits		false	HwPsu array	
sdCards		false	HwSDCard array	
storage		false	HwStorage	
system		false	HwSystem	
temperatures		false	HwTemperature array	
voltages		false	HwVoltage array	

3.65. StringType

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	object	

3.66. TargetOSTypes

Name	Description	Required	Schema	Default
otherAttributes		false	object	
value		false	integer (int32)	

3.67. XMLGregorianCalendar

Name	Description	Required	Schema	Default
day		false	integer (int32)	
eon		false	integer (int64)	
eonAndYear		false	integer (int64)	
fractionalSecond		false	number (double)	
hour		false	integer (int32)	
millisecond		false	integer (int32)	
minute		false	integer (int32)	
month		false	integer (int32)	
second		false	integer (int32)	
timezone		false	integer (int32)	
valid		false	boolean	
xmlschemaType		false	QName	
year		false	integer (int32)	