

SMI Micro-service

Server Inventory v2.0

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1. Overview

1.1. Version information

Version : API Version :2.0

Release Version :1.0.114

Release Tag :devel

Release Date :10-09-2017_01-15

1.2. URI scheme

Host : 10.62.59.155:46011

BasePath : /

1.3. Tags

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

2. Resources

2.1. Server-inventory-controller-2_0

Server Inventory Controller 2_0

2.1.1. /bios

```
POST /api/2.0/server/inventory/bios
```

Description

This operation allows a user to retrieve the bios details from server via the iDRAC using the WSMAN protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	BiosResponse
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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/bios
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
{
  "dcim_BIOSEnumeration" : [ {
    "attributeDisplayName" : "string",
    "attributeName" : "string",
    "currentValue" : "string",
    "dependency" : "string",
    "displayOrder" : "string",
    "fqdd" : "string",
    "groupDisplayName" : "string",
    "groupID" : "string",
    "instanceID" : "string",
    "isReadOnly" : "string",
    "pendingValue" : "string",
    "possibleValues" : [ "string" ],
    "possibleValuesDescription" : [ "string" ]
  } ],
  "dcim_BIOSString" : [ {
    "attributeDisplayName" : "string",
    "attributeName" : "string",
    "currentValue" : "string",
    "dependency" : "string",
    "displayOrder" : "string",
    "fqdd" : "string",
    "groupDisplayName" : "string",
    "groupID" : "string",
    "instanceID" : "string",
    "isReadOnly" : "string",
    "maxLength" : "string",
    "minLength" : "string",
    "pendingValue" : "string",
    "valueExpression" : "string"
  } ]
}
```

2.1.2. /boot

```
POST /api/2.0/server/inventory/boot
```

Description

This operation allows a user to retrieve the boot order details from the server via the iDRAC using the WSMAN protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	BootResponse
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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/boot
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```

{
  "dcim_BIOSEnumeration" : [ {
    "attributeDisplayName" : "string",
    "attributeName" : "string",
    "currentValue" : "string",
    "dependency" : "string",
    "displayOrder" : "string",
    "fqdd" : "string",
    "groupDisplayName" : "string",
    "groupID" : "string",
    "instanceID" : "string",
    "isReadOnly" : "string",
    "pendingValue" : "string",
    "possibleValues" : [ "string" ],
    "possibleValuesDescription" : [ "string" ]
  } ],
  "dcim_BootConfigSetting" : [ {
    "elementName" : "string",
    "instanceID" : "string",
    "isCurrent" : "string",
    "isDefault" : "string",
    "isNext" : "string"
  } ],
  "dcim_BootSourceSetting" : [ {
    "biosbootString" : "string",
    "bootSourceType" : "string",
    "bootString" : "string",
    "currentAssignedSequence" : "string",
    "currentEnabledStatus" : "string",
    "elementName" : "string",
    "failThroughSupported" : "string",
    "instanceID" : "string",
    "pendingAssignedSequence" : "string",
    "pendingEnabledStatus" : "string"
  } ]
}

```

2.1.3. /callback

POST /api/2.0/server/inventory/callback

Description

This operation allows a user to retrieve all the server inventory via the iDRAC using the WSMAN protocol. It uses callback uri to respond once the inventory is collected. Type could be : hardware : nics : software : manager:boot : bios: summary: sellog: lcllog

Parameters

Type	Name	Description	Schema
Body	inventoryCallbackRequest <i>required</i>	inventoryCallbackRequest	InventoryCallbackRequest

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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/callback
```

Request body

```
{
  "callbackGraph" : "string",
  "callbackUri" : "string",
  "credential" : {
    "address" : "string",
    "identifier" : "string",
    "password" : "string",
    "userName" : "string"
  },
  "type" : "string"
}
```

Example HTTP response

Response 200

```
{
  "callbackUri" : "string",
  "response" : "string"
}
```

2.1.4. /dcim/{type}

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

Description

This operation allows a user to retrieve any dcim data based on the passed type via the iDRAC using the WSMAN protocol. Type value - DCIM_SystemView:DCIM_ControllerView:DCIM_VirtualDiskView:DCIM_PhysicalDiskView ..etc

Parameters

Type	Name	Description	Schema
Path	type <i>required</i>	type	string
Body	payload <i>required</i>	payload	Credential

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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/dcim/string
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
[ "object" ]
```

2.1.5. /hardware

```
POST /api/2.0/server/inventory/hardware
```

Description

This operation allows a user to retrieve the complete server hardware inventory via the iDRAC using the WSMAN protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	HardwareResponse
201	Created	No Content
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content
500	Failure	No Content

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/hardware
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
{
  "DCIM_CPUView" : [ {
    "CPUFamily" : "string",
    "CPUStatus" : "string",
    "Cache1Associativity" : "string",
    "Cache1ErrorMethodology" : "string",
    "Cache1Level" : "string",
    "Cache1Location" : "string",
    "Cache1PrimaryStatus" : "string",
    "Cache1SRAMType" : "string",
    "Cache1Size" : "string",
    "Cache1Type" : "string",
    "Cache1WritePolicy" : "string",
  }
]
```

```

"Cache2Associativity" : "string",
"Cache2ErrorMethodology" : "string",
"Cache2Level" : "string",
"Cache2Location" : "string",
"Cache2PrimaryStatus" : "string",
"Cache2SRAMType" : "string",
"Cache2Size" : "string",
"Cache2Type" : "string",
"Cache2WritePolicy" : "string",
"Cache3Associativity" : "string",
"Cache3ErrorMethodology" : "string",
"Cache3Level" : "string",
"Cache3Location" : "string",
"Cache3PrimaryStatus" : "string",
"Cache3SRAMType" : "string",
"Cache3Size" : "string",
"Cache3Type" : "string",
"Cache3WritePolicy" : "string",
"Characteristics" : "string",
"CurrentClockSpeed" : "string",
"DeviceDescription" : "string",
"ExecuteDisabledCapable" : "string",
"ExecuteDisabledEnabled" : "string",
"ExternalBusClockSpeed" : "string",
"FQDD" : "string",
"HyperThreadingCapable" : "string",
"HyperThreadingEnabled" : "string",
"InstanceID" : "string",
"LastSystemInventoryTime" : "string",
"LastUpdateTime" : "string",
"Manufacturer" : "string",
"MaxClockSpeed" : "string",
"Model" : "string",
"NumberOfEnabledCores" : "string",
"NumberOfEnabledThreads" : "string",
"NumberOfProcessorCores" : "string",
"PrimaryStatus" : "string",
"TurboModeCapable" : "string",
"TurboModeEnabled" : "string",
"VirtualizationTechnologyCapable" : "string",
"VirtualizationTechnologyEnabled" : "string",
"Voltage" : "string"
} ],
"DCIM_ControllerBatteryView" : "string",
"DCIM_ControllerView" : [ {
  "Bus" : "string",
  "CacheSizeInMB" : "string",
  "CachecadeCapability" : "string",
  "ControllerFirmwareVersion" : "string",
  "Device" : "string",
  "DeviceCardDataBusWidth" : "string",

```

```

"DeviceCardManufacturer" : "string",
"DeviceCardSlotLength" : "string",
"DeviceCardSlotType" : "string",
"DeviceDescription" : "string",
"DriverVersion" : "string",
"EncryptionCapability" : "string",
"EncryptionMode" : "string",
"FQDD" : "string",
"Function" : "string",
"InstanceID" : "string",
"KeyID" : "string",
"LastSystemInventoryTime" : "string",
"LastUpdateTime" : "string",
"MaxAvailablePCILinkSpeed" : "string",
"MaxPossiblePCILinkSpeed" : "string",
"PCIDeviceID" : "string",
"PCISlot" : "string",
"PCISubDeviceID" : "string",
"PCISubVendorID" : "string",
"PCIVendorID" : "string",
"PatrolReadState" : "string",
"PrimaryStatus" : "string",
"ProductName" : "string",
"RealtimeCapability" : "string",
"RollupStatus" : "string",
"SASAddress" : "string",
"SecurityStatus" : "string",
"SlicedVDCapability" : "string",
"SupportControllerBootMode" : "string",
"SupportEnhancedAutoForeignImport" : "string",
"SupportRAID10UnevenSpans" : "string",
"T10PICapability" : "string"
} ],
"DCIM_EnclosureView" : {
  "AssetTag" : "string",
  "Connector" : "string",
  "DeviceDescription" : "string",
  "EMMCount" : "string",
  "FQDD" : "string",
  "FanCount" : "string",
  "InstanceID" : "string",
  "LastSystemInventoryTime" : "string",
  "LastUpdateTime" : "string",
  "PSUCount" : "string",
  "PrimaryStatus" : "string",
  "ProductName" : "string",
  "RollupStatus" : "string",
  "ServiceTag" : "string",
  "SlotCount" : "string",
  "State" : "string",
  "TempProbeCount" : "string",

```

```

    "Version" : "string",
    "WiredOrder" : "string"
  },
  "DCIM_FanView" : [ {
    "ActiveCooling" : "string",
    "BaseUnits" : "string",
    "CurrentReading" : "string",
    "DeviceDescription" : "string",
    "FQDD" : "string",
    "InstanceID" : "string",
    "LastSystemInventoryTime" : "string",
    "LastUpdateTime" : "string",
    "PWM" : "string",
    "PrimaryStatus" : "string",
    "RateUnits" : "string",
    "RedundancyStatus" : "string",
    "UnitModifier" : "string",
    "VariableSpeed" : "string"
  } ],
  "DCIM_Memoryview" : [ {
    "BankLabel" : "string",
    "CurrentOperatingSpeed" : "string",
    "DeviceDescription" : "string",
    "FQDD" : "string",
    "InstanceID" : "string",
    "LastSystemInventoryTime" : "string",
    "LastUpdateTime" : "string",
    "ManufactureDate" : "string",
    "Manufacturer" : "string",
    "MemoryType" : "string",
    "Model" : "string",
    "PartNumber" : "string",
    "PrimaryStatus" : "string",
    "Rank" : "string",
    "SerialNumber" : "string",
    "Size" : "string",
    "Speed" : "string"
  } ],
  "DCIM_NumericSensor" : [ {
    "BaseUnits" : "string",
    "CreationClassName" : "string",
    "CurrentReading" : "string",
    "CurrentState" : "string",
    "DeviceID" : "string",
    "ElementName" : "string",
    "EnabledDefault" : "string",
    "EnabledState" : "string",
    "HealthState" : "string",
    "LowerThresholdCritical" : "string",
    "LowerThresholdNonCritical" : "string",
    "OperationalStatus" : "string",

```

```

    "OtherSensorTypeDescription" : "string",
    "PossibleStates" : [ "string" ],
    "PrimaryStatus" : "string",
    "RateUnits" : "string",
    "RequestedState" : "string",
    "SensorType" : "string",
    "SettableThresholds" : [ "string" ],
    "SupportedThresholds" : [ "string" ],
    "SystemCreationClassName" : "string",
    "SystemName" : "string",
    "TransitioningToState" : "string",
    "UnitModifier" : "string",
    "UpperThresholdCritical" : "string",
    "UpperThresholdNonCritical" : "string",
    "ValueFormulation" : "string"
} ],
"DCIM_Powersupplyview" : [ {
    "DetailedState" : "string",
    "DeviceDescription" : "string",
    "FQDD" : "string",
    "FirmwareVersion" : "string",
    "InputVoltage" : "string",
    "InstanceID" : "string",
    "LastSystemInventoryTime" : "string",
    "LastUpdateTime" : "string",
    "Manufacturer" : "string",
    "Model" : "string",
    "PMBusMonitoring" : "string",
    "PartNumber" : "string",
    "PrimaryStatus" : "string",
    "Range1MaxInputPower" : "string",
    "RedMinNumberNeeded" : "string",
    "RedTypeOfSet" : "string",
    "RedundancyStatus" : "string",
    "SerialNumber" : "string",
    "TotalOutputPower" : "string",
    "Type" : "string"
} ],
"DCIM_RAIDEnumeration" : [ {
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "FQDD" : "string",
    "InstanceID" : "string",
    "IsReadOnly" : "string",
    "PendingValue" : "string",
    "PossibleValues" : [ "string" ]
} ],
"DCIM_RAIDInteger" : [ {
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "FQDD" : "string",

```



```

    "InstanceID" : "string",
    "IsReadOnly" : "string",
    "LowerBound" : "string",
    "PendingValue" : "string",
    "UpperBound" : "string"
  } ],
  "DCIM_Sensor" : [ {
    "CreationClassName" : "string",
    "CurrentState" : "string",
    "DeviceID" : "string",
    "ElementName" : "string",
    "EnabledState" : "string",
    "HealthState" : "string",
    "OperationalStatus" : "string",
    "OtherSensorTypeDescription" : "string",
    "PossibleStates" : [ "string" ],
    "PrimaryStatus" : "string",
    "RequestedState" : "string",
    "SensorType" : "string",
    "SystemCreationClassName" : "string",
    "SystemName" : "string"
  } ],
  "DCIM_SystemString" : [ {
    "AttributeDisplayName" : "string",
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "DefaultValue" : "string",
    "Dependency" : "string",
    "DisplayOrder" : "string",
    "FQDD" : "string",
    "GroupDisplayName" : "string",
    "GroupID" : "string",
    "InstanceID" : "string",
    "IsReadOnly" : "string",
    "MaxLength" : "string",
    "MinLength" : "string",
    "PendingValue" : "string"
  } ],
  "DCIM_SystemView" : {
    "AssetTag" : "string",
    "BIOSReleaseDate" : "string",
    "BIOSVersionString" : "string",
    "BaseBoardChassisSlot" : "string",
    "BatteryRollupStatus" : "string",
    "BladeGeometry" : "string",
    "BoardPartNumber" : "string",
    "BoardSerialNumber" : "string",
    "CMCIP" : "string",
    "CPLDVersion" : "string",
    "CPURollupStatus" : "string",
    "ChassisModel" : "string",

```

```
"ChassisName" : "string",
"ChassisServiceTag" : "string",
"ChassisSystemHeight" : "string",
"CurrentRollupStatus" : "string",
"DeviceDescription" : "string",
"EstimatedExhaustTemperature" : "string",
"EstimatedSystemAirflow" : "string",
"ExpressServiceCode" : "string",
"FQDD" : "string",
"FanRollupStatus" : "string",
"HostName" : "string",
"IDSDMRollupStatus" : "string",
"InstanceID" : "string",
"IntrusionRollupStatus" : "string",
"LastSystemInventoryTime" : "string",
"LastUpdateTime" : "string",
"LicensingRollupStatus" : "string",
"LifecycleControllerVersion" : "string",
"Manufacturer" : "string",
"MaxCPUSockets" : "string",
"MaxDIMMSlots" : "string",
"MaxPCIESlots" : "string",
"MemoryOperationMode" : "string",
"MemoryRollupStatus" : "string",
"Model" : "string",
"NodeID" : "string",
"PSRollupStatus" : "string",
"PlatformGUID" : "string",
"PopulatedCPUSockets" : "string",
"PopulatedDIMMSlots" : "string",
"PopulatedPCIESlots" : "string",
"PowerCap" : "string",
"PowerCapEnabledState" : "string",
"PowerState" : "string",
"PrimaryStatus" : "string",
"RollupStatus" : "string",
"SDCardRollupStatus" : "string",
"ServerAllocation" : "string",
"ServiceTag" : "string",
"StorageRollupStatus" : "string",
"SysMemErrorMethodology" : "string",
"SysMemFailOverState" : "string",
"SysMemLocation" : "string",
"SysMemMaxCapacitySize" : "string",
"SysMemPrimaryStatus" : "string",
"SysMemTotalSize" : "string",
"SystemGeneration" : "string",
"SystemID" : "string",
"SystemRevision" : "string",
"TempRollupStatus" : "string",
"TempStatisticsRollupStatus" : "string",
```

```

    "UUID" : "string",
    "VoltRollupStatus" : "string",
    "smbiosGUID" : "string"
  },
  "DCIM_VFlashView" : {
    "ComponentName" : "string",
    "DeviceDescription" : "string",
    "FQDD" : "string",
    "InstanceID" : "string"
  },
  "DCIM_VirtualDiskView" : "string"
}

```

2.1.6. /manager

POST /api/2.0/server/inventory/manager

Description

This operation allows a user to retrieve the complete iDRAC information like DCIM_IDRACCardView, DCIM_iDRACCardString and DCIM_iDRACCardEnumeration via the iDRAC using the WSMan protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	ManagerResponse
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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/manager
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
{
  "DCIM_IDRACCardView" : {
    "DNSDomainName" : "string",
    "DNSRacName" : "string",
    "DeviceDescription" : "string",
    "FQDD" : "string",
    "FirmwareVersion" : "string",
    "GUID" : "string",
    "IPMIVersion" : "string",
    "InstanceID" : "string",
    "LANEnabledState" : "string",
    "LastSystemInventoryTime" : "string",
    "LastUpdateTime" : "string",
    "Model" : "string",
    "PermanentMACAddress" : "string",
    "ProductDescription" : "string",
    "SOLEnabledState" : "string",
    "URLString" : "string"
  },
  "DCIM_iDRACCardEnumeration" : [ {
    "AttributeDisplayName" : "string",
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "DefaultValue" : "string",
    "Dependency" : "string",
    "DisplayOrder" : "string",
  }
]
```

```

    "FQDD" : "string",
    "GroupDisplayName" : "string",
    "GroupID" : "string",
    "InstanceID" : "string",
    "IsReadOnly" : "string",
    "PendingValue" : "string",
    "PossibleValues" : [ "string" ]
  } ],
  "DCIM_iDRACCardString" : [ {
    "AttributeDisplayName" : "string",
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "DefaultValue" : "string",
    "Dependency" : "string",
    "DisplayOrder" : "string",
    "FQDD" : "string",
    "GroupDisplayName" : "string",
    "GroupID" : "string",
    "InstanceID" : "string",
    "IsReadOnly" : "string",
    "MaxLength" : "string",
    "MinLength" : "string",
    "PendingValue" : "string"
  } ]
}

```

2.1.7. /nics

POST /api/2.0/server/inventory/nics

Description

This operation allows a user to retrieve the complete server NIC information via the iDRAC using the WSMAN protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	< NicsResponse > 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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/nics
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
[ {
  "DCIM_NICEnumeration" : [ {
    "AttributeDisplayName" : "string",
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "Dependency" : "string",
    "FQDD" : "string",
    "GroupDisplayName" : "string",
    "GroupID" : "string",
    "InstanceID" : "string",
```

```

    "IsReadOnly" : "string",
    "PendingValue" : "string",
    "PossibleValues" : [ "string" ],
    "PossibleValuesDescription" : [ "string" ]
} ],
"DCIM_NICString" : [ {
    "AttributeDisplayName" : "string",
    "AttributeName" : "string",
    "CurrentValue" : "string",
    "Dependency" : "string",
    "FQDD" : "string",
    "GroupDisplayName" : "string",
    "GroupID" : "string",
    "InstanceID" : "string",
    "IsReadOnly" : "string",
    "MaxLength" : "string",
    "MinLength" : "string",
    "PendingValue" : "string",
    "ValueExpression" : "string"
} ],
"DCIM_NICView" : [ {
    "AutoNegotiation" : "string",
    "BusNumber" : "string",
    "ControllerBIOSVersion" : "string",
    "CurrentMACAddress" : "string",
    "DataBusWidth" : "string",
    "DeviceDescription" : "string",
    "DeviceNumber" : "string",
    "EFIVersion" : "string",
    "FCoEOffloadMode" : "string",
    "FCoEWNN" : "string",
    "FQDD" : "string",
    "FamilyVersion" : "string",
    "FunctionNumber" : "string",
    "InstanceID" : "string",
    "LastSystemInventoryTime" : "string",
    "LastUpdateTime" : "string",
    "LinkDuplex" : "string",
    "LinkSpeed" : "string",
    "MaxBandwidth" : "string",
    "MediaType" : "string",
    "MinBandwidth" : "string",
    "NicMode" : "string",
    "PCIDeviceID" : "string",
    "PCISubDeviceID" : "string",
    "PCISubVendorID" : "string",
    "PCIVendorID" : "string",
    "PermanentFCOEMACAddress" : "string",
    "PermanentMACAddress" : "string",
    "PermanentiSCSIMACAddress" : "string",
    "ProductName" : "string",

```

```

    "Protocol" : "string",
    "ReceiveFlowControl" : "string",
    "SlotLength" : "string",
    "SlotType" : "string",
    "TransmitFlowControl" : "string",
    "VendorName" : "string",
    "VirtWWN" : "string",
    "VirtWWPN" : "string",
    "WWN" : "string",
    "WWPN" : "string",
    "iScsiOffloadMode" : "string"
  } ]
} ]

```

2.1.8. /software

POST /api/2.0/server/inventory/software

Description

This operation allows a user to retrieve the complete server software inventory via the iDRAC using the WSMAN protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	< SoftwareResponse > array
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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/software
```

Request body

```
{  
  "address" : "string",  
  "identifier" : "string",  
  "password" : "string",  
  "userName" : "string"  
}
```

Example HTTP response

Response 200

```
[ {
  "CIM_InstalledSoftwareIdentity" : { },
  "DCIM_SoftwareIdentity" : [ {
    "BuildNumber" : "string",
    "Classifications" : "string",
    "ComponentID" : "string",
    "ComponentType" : "string",
    "DeviceID" : "string",
    "ElementName" : "string",
    "FQDD" : "string",
    "IdentityInfoType" : "string",
    "IdentityInfoValue" : "string",
    "InstallationDate" : "string",
    "InstanceID" : "string",
    "IsEntity" : "string",
    "MajorVersion" : "string",
    "MinorVersion" : "string",
    "RevisionNumber" : "string",
    "RevisionString" : "string",
    "Status" : "string",
    "SubDeviceID" : "string",
    "SubVendorID" : "string",
    "Updateable" : "string",
    "VendorID" : "string",
    "VersionString" : "string",
    "impactsTPMmeasurements" : "string"
  } ]
} ]
```

2.1.9. /summary

POST /api/2.0/server/inventory/summary

Description

This operation allows a user to retrieve the server system information (System View) via the iDRAC using the WSMAN protocol.

Parameters

Type	Name	Description	Schema
Body	payload <i>required</i>	payload	Credential

Responses

HTTP Code	Description	Schema
200	Success	SummaryResponse
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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/summary
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
{
  "AssetTag" : "string",
  "BIOSReleaseDate" : "string",
  "BIOSVersionString" : "string",
  "BaseBoardChassisSlot" : "string",
  "BatteryRollupStatus" : "string",
  "BladeGeometry" : "string",
  "BoardPartNumber" : "string",

```

```
"BoardSerialNumber" : "string",
"CMCIP" : "string",
"CPLDVersion" : "string",
"CPURollupStatus" : "string",
"ChassisModel" : "string",
"ChassisName" : "string",
"ChassisServiceTag" : "string",
"ChassisSystemHeight" : "string",
"CurrentRollupStatus" : "string",
"DeviceDescription" : "string",
"EstimatedExhaustTemperature" : "string",
"EstimatedSystemAirflow" : "string",
"ExpressServiceCode" : "string",
"FQDD" : "string",
"FanRollupStatus" : "string",
"HostName" : "string",
"IDSMDRollupStatus" : "string",
"InstanceID" : "string",
"IntrusionRollupStatus" : "string",
"LastSystemInventoryTime" : "string",
"LastUpdateTime" : "string",
"LicensingRollupStatus" : "string",
"LifecycleControllerVersion" : "string",
"Manufacturer" : "string",
"MaxCPUSockets" : "string",
"MaxDIMMSlots" : "string",
"MaxPCIESlots" : "string",
"MemoryOperationMode" : "string",
"MemoryRollupStatus" : "string",
"Model" : "string",
"NodeID" : "string",
"PSRollupStatus" : "string",
"PlatformGUID" : "string",
"PopulatedCPUSockets" : "string",
"PopulatedDIMMSlots" : "string",
"PopulatedPCIESlots" : "string",
"PowerCap" : "string",
"PowerCapEnabledState" : "string",
"PowerState" : "string",
"PrimaryStatus" : "string",
"RollupStatus" : "string",
"SDCardRollupStatus" : "string",
"ServerAllocation" : "string",
"ServiceTag" : "string",
"StorageRollupStatus" : "string",
"SysMemErrorMethodology" : "string",
"SysMemFailOverState" : "string",
"SysMemLocation" : "string",
"SysMemMaxCapacitySize" : "string",
"SysMemPrimaryStatus" : "string",
"SysMemTotalSize" : "string",
```

```
"SystemGeneration" : "string",
"SystemID" : "string",
"SystemRevision" : "string",
"TempRollupStatus" : "string",
"TempStatisticsRollupStatus" : "string",
"UUID" : "string",
"VoltRollupStatus" : "string",
"smbiosGUID" : "string"
}
```

2.2. Server-log-controller-2_0

Server Log Controller 2_0

2.2.1. /get/{type}

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

Description

This operation allow a user to retrieve the SEL or LC logs from the server via the iDRAC using the WSMAN protocol. Type - LC or SEL.

Parameters

Type	Name	Description	Schema
Path	type <i>required</i>	type	string
Body	payload <i>required</i>	payload	Credential

Responses

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

Consumes

- `application/json`

Produces

- `application/json`

Example HTTP request

Request path

```
/api/2.0/server/inventory/logs/get/string
```

Request body

```
{
  "address" : "string",
  "identifier" : "string",
  "password" : "string",
  "userName" : "string"
}
```

Example HTTP response

Response 200

```
[ {
  "creationTimeStamp" : "string",
  "elementName" : "string",
  "instanceID" : "string",
  "logInstanceID" : "string",
  "logName" : "string",
  "perceivedSeverity" : "string",
  "recordData" : "string",
  "recordFormat" : "string",
  "recordID" : "string"
} ]
```

3. Definitions

3.1. BiosResponse

Name	Description	Schema
dcim_BIOSEnumeration <i>optional</i>	Example : ["DCIM_BIOSEnumeration"]	< DCIM_BIOSEnumeration > array
dcim_BIOSString <i>optional</i>	Example : ["DCIM_BIOSString"]	< DCIM_BIOSString > array

3.2. BootResponse

Name	Description	Schema
dcim_BIOSEnumeration <i>optional</i>	Example : ["DCIM_BIOSEnumeration"]	< DCIM_BIOSEnumeration > array
dcim_BootConfigSetting <i>optional</i>	Example : ["DCIM_BootConfigSetting"]	< DCIM_BootConfigSetting > array
dcim_BootSourceSetting <i>optional</i>	Example : ["DCIM_BootSourceSetting"]	< DCIM_BootSourceSetting > array

3.3. CIMInstalledSoftwareIdentity

Type : object

3.4. Credential

Device access credential.

Name	Description	Schema
address <i>required</i>	IP Address Example : "string"	string
identifier <i>optional</i>	Service identifier like service tag ... etc Example : "string"	string
password <i>required</i>	Password. Example : "string"	string
userName <i>required</i>	Username. Example : "string"	string

3.5. DCIMCPUView

Name	Description	Schema
CPUFamily <i>optional</i>	Example : "string"	string

Name	Description	Schema
CPUStatus <i>optional</i>	Example : "string"	string
Cache1Associativity <i>optional</i>	Example : "string"	string
Cache1ErrorMethodology <i>optional</i>	Example : "string"	string
Cache1Level <i>optional</i>	Example : "string"	string
Cache1Location <i>optional</i>	Example : "string"	string
Cache1PrimaryStatus <i>optional</i>	Example : "string"	string
Cache1SRAMType <i>optional</i>	Example : "string"	string
Cache1Size <i>optional</i>	Example : "string"	string
Cache1Type <i>optional</i>	Example : "string"	string
Cache1WritePolicy <i>optional</i>	Example : "string"	string
Cache2Associativity <i>optional</i>	Example : "string"	string
Cache2ErrorMethodology <i>optional</i>	Example : "string"	string
Cache2Level <i>optional</i>	Example : "string"	string
Cache2Location <i>optional</i>	Example : "string"	string
Cache2PrimaryStatus <i>optional</i>	Example : "string"	string
Cache2SRAMType <i>optional</i>	Example : "string"	string

Name	Description	Schema
Cache2Size <i>optional</i>	Example : "string"	string
Cache2Type <i>optional</i>	Example : "string"	string
Cache2WritePolicy <i>optional</i>	Example : "string"	string
Cache3Associativity <i>optional</i>	Example : "string"	string
Cache3ErrorMethodology <i>optional</i>	Example : "string"	string
Cache3Level <i>optional</i>	Example : "string"	string
Cache3Location <i>optional</i>	Example : "string"	string
Cache3PrimaryStatus <i>optional</i>	Example : "string"	string
Cache3SRAMType <i>optional</i>	Example : "string"	string
Cache3Size <i>optional</i>	Example : "string"	string
Cache3Type <i>optional</i>	Example : "string"	string
Cache3WritePolicy <i>optional</i>	Example : "string"	string
Characteristics <i>optional</i>	Example : "string"	string
CurrentClockSpeed <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
ExecuteDisabledCapable <i>optional</i>	Example : "string"	string

Name	Description	Schema
ExecuteDisabledEnabled <i>optional</i>	Example : "string"	string
ExternalBusClockSpeed <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
HyperThreadingCapable <i>optional</i>	Example : "string"	string
HyperThreadingEnabled <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
Manufacturer <i>optional</i>	Example : "string"	string
MaxClockSpeed <i>optional</i>	Example : "string"	string
Model <i>optional</i>	Example : "string"	string
NumberOfEnabledCores <i>optional</i>	Example : "string"	string
NumberOfEnabledThreads <i>optional</i>	Example : "string"	string
NumberOfProcessorCores <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
TurboModeCapable <i>optional</i>	Example : "string"	string

Name	Description	Schema
TurboModeEnabled <i>optional</i>	Example : "string"	string
VirtualizationTechnologyCapable <i>optional</i>	Example : "string"	string
VirtualizationTechnologyEnabled <i>optional</i>	Example : "string"	string
Voltage <i>optional</i>	Example : "string"	string

3.6. DCIMControllerView

Name	Description	Schema
Bus <i>optional</i>	Example : "string"	string
CacheSizeInMB <i>optional</i>	Example : "string"	string
CachecadeCapability <i>optional</i>	Example : "string"	string
ControllerFirmwareVersion <i>optional</i>	Example : "string"	string
Device <i>optional</i>	Example : "string"	string
DeviceCardDataBusWidth <i>optional</i>	Example : "string"	string
DeviceCardManufacturer <i>optional</i>	Example : "string"	string
DeviceCardSlotLength <i>optional</i>	Example : "string"	string
DeviceCardSlotType <i>optional</i>	Example : "string"	string

Name	Description	Schema
DeviceDescription <i>optional</i>	Example : "string"	string
DriverVersion <i>optional</i>	Example : "string"	string
EncryptionCapability <i>optional</i>	Example : "string"	string
EncryptionMode <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
Function <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
KeyID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
MaxAvailablePCILinkSpeed <i>optional</i>	Example : "string"	string
MaxPossiblePCILinkSpeed <i>optional</i>	Example : "string"	string
PCIDeviceID <i>optional</i>	Example : "string"	string
PCISlot <i>optional</i>	Example : "string"	string
PCISubDeviceID <i>optional</i>	Example : "string"	string
PCISubVendorID <i>optional</i>	Example : "string"	string
PCIVendorID <i>optional</i>	Example : "string"	string

Name	Description	Schema
PatrolReadState <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
ProductName <i>optional</i>	Example : "string"	string
RealtimeCapability <i>optional</i>	Example : "string"	string
RollupStatus <i>optional</i>	Example : "string"	string
SASAddress <i>optional</i>	Example : "string"	string
SecurityStatus <i>optional</i>	Example : "string"	string
SlicedVDCapability <i>optional</i>	Example : "string"	string
SupportControllerBootMode <i>optional</i>	Example : "string"	string
SupportEnhancedAutoForeignImport <i>optional</i>	Example : "string"	string
SupportRAID10UnevenSpans <i>optional</i>	Example : "string"	string
T10PICapability <i>optional</i>	Example : "string"	string

3.7. DCIMEnclosureView

Name	Description	Schema
AssetTag <i>optional</i>	Example : "string"	string
Connector <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string

Name	Description	Schema
EMMCount <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
FanCount <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
PSUCount <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
ProductName <i>optional</i>	Example : "string"	string
RollupStatus <i>optional</i>	Example : "string"	string
ServiceTag <i>optional</i>	Example : "string"	string
SlotCount <i>optional</i>	Example : "string"	string
State <i>optional</i>	Example : "string"	string
TempProbeCount <i>optional</i>	Example : "string"	string
Version <i>optional</i>	Example : "string"	string
WiredOrder <i>optional</i>	Example : "string"	string

3.8. DCIMFanView

Name	Description	Schema
ActiveCooling <i>optional</i>	Example : "string"	string
BaseUnits <i>optional</i>	Example : "string"	string

Name	Description	Schema
CurrentReading <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
PWM <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
RateUnits <i>optional</i>	Example : "string"	string
RedundancyStatus <i>optional</i>	Example : "string"	string
UnitModifier <i>optional</i>	Example : "string"	string
VariableSpeed <i>optional</i>	Example : "string"	string

3.9. DCIMIDRACCardEnumeration

Name	Description	Schema
AttributeDisplayName <i>optional</i>	Example : "string"	string
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
DefaultValue <i>optional</i>	Example : "string"	string

Name	Description	Schema
Dependency <i>optional</i>	Example : "string"	string
DisplayOrder <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
GroupDisplay Name <i>optional</i>	Example : "string"	string
GroupID <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string
PossibleValues <i>optional</i>	Example : ["string"]	< string > array

3.10. DCIMIDRACCardString

Name	Description	Schema
AttributeDisplay Name <i>optional</i>	Example : "string"	string
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
DefaultValue <i>optional</i>	Example : "string"	string
Dependency <i>optional</i>	Example : "string"	string
DisplayOrder <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
GroupDisplay Name <i>optional</i>	Example : "string"	string

Name	Description	Schema
GroupID <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
MaxLength <i>optional</i>	Example : "string"	string
MinLength <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string

3.11. DCIMIDRACCardView

Name	Description	Schema
DNSDomainName <i>optional</i>	Example : "string"	string
DNSRacName <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
FirmwareVersion <i>optional</i>	Example : "string"	string
GUID <i>optional</i>	Example : "string"	string
IPMIVersion <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LANEnabledState <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string

Name	Description	Schema
LastUpdateTime <i>optional</i>	Example : "string"	string
Model <i>optional</i>	Example : "string"	string
PermanentMACAddress <i>optional</i>	Example : "string"	string
ProductDescription <i>optional</i>	Example : "string"	string
SOLEnabledState <i>optional</i>	Example : "string"	string
URLString <i>optional</i>	Example : "string"	string

3.12. DCIMMemoryview

Name	Description	Schema
BankLabel <i>optional</i>	Example : "string"	string
CurrentOperatingSpeed <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
ManufactureDate <i>optional</i>	Example : "string"	string
Manufacturer <i>optional</i>	Example : "string"	string

Name	Description	Schema
MemoryType <i>optional</i>	Example : "string"	string
Model <i>optional</i>	Example : "string"	string
PartNumber <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
Rank <i>optional</i>	Example : "string"	string
SerialNumber <i>optional</i>	Example : "string"	string
Size <i>optional</i>	Example : "string"	string
Speed <i>optional</i>	Example : "string"	string

3.13. DCIMNICEenumeration

Name	Description	Schema
AttributeDisplay <i>optional</i>	Example : "string"	string
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
Dependency <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
GroupDisplay <i>optional</i>	Example : "string"	string
GroupID <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string

Name	Description	Schema
PossibleValues <i>optional</i>	Example : ["string"]	< string > array
PossibleValuesDescription <i>optional</i>	Example : ["string"]	< string > array

3.14. DCIMNICString

Name	Description	Schema
AttributeDisplayName <i>optional</i>	Example : "string"	string
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
Dependency <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
GroupDisplayName <i>optional</i>	Example : "string"	string
GroupID <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
MaxLength <i>optional</i>	Example : "string"	string
MinLength <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string
ValueExpression <i>optional</i>	Example : "string"	string

3.15. DCIMNICView

Name	Description	Schema
AutoNegotiation <i>optional</i>	Example : "string"	string
BusNumber <i>optional</i>	Example : "string"	string
ControllerBIOSVersion <i>optional</i>	Example : "string"	string
CurrentMACAddress <i>optional</i>	Example : "string"	string
DataBusWidth <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
DeviceNumber <i>optional</i>	Example : "string"	string
EFIVersion <i>optional</i>	Example : "string"	string
FCoEOffloadMode <i>optional</i>	Example : "string"	string
FCoEWWNN <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
FamilyVersion <i>optional</i>	Example : "string"	string
FunctionNumber <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string

Name	Description	Schema
LinkDuplex <i>optional</i>	Example : "string"	string
LinkSpeed <i>optional</i>	Example : "string"	string
MaxBandwidth <i>optional</i>	Example : "string"	string
MediaType <i>optional</i>	Example : "string"	string
MinBandwidth <i>optional</i>	Example : "string"	string
NicMode <i>optional</i>	Example : "string"	string
PCIDeviceID <i>optional</i>	Example : "string"	string
PCISubDeviceID <i>optional</i>	Example : "string"	string
PCISubVendorID <i>optional</i>	Example : "string"	string
PCIVendorID <i>optional</i>	Example : "string"	string
PermanentFCOEMACAddresses <i>optional</i>	Example : "string"	string
PermanentMACAddress <i>optional</i>	Example : "string"	string
PermanentiSCSISIMACAddress <i>optional</i>	Example : "string"	string
ProductName <i>optional</i>	Example : "string"	string
Protocol <i>optional</i>	Example : "string"	string
ReceiveFlowControl <i>optional</i>	Example : "string"	string
SlotLength <i>optional</i>	Example : "string"	string

Name	Description	Schema
SlotType <i>optional</i>	Example : "string"	string
TransmitFlowControl <i>optional</i>	Example : "string"	string
VendorName <i>optional</i>	Example : "string"	string
VirtWWN <i>optional</i>	Example : "string"	string
VirtWWPN <i>optional</i>	Example : "string"	string
WWN <i>optional</i>	Example : "string"	string
WWPN <i>optional</i>	Example : "string"	string
iScsiOffloadMode <i>optional</i>	Example : "string"	string

3.16. DCIMNumericSensor

Name	Description	Schema
BaseUnits <i>optional</i>	Example : "string"	string
CreationClassName <i>optional</i>	Example : "string"	string
CurrentReading <i>optional</i>	Example : "string"	string
CurrentState <i>optional</i>	Example : "string"	string
DeviceID <i>optional</i>	Example : "string"	string
ElementName <i>optional</i>	Example : "string"	string
EnabledDefault <i>optional</i>	Example : "string"	string
EnabledState <i>optional</i>	Example : "string"	string
HealthState <i>optional</i>	Example : "string"	string

Name	Description	Schema
LowerThresholdCritical <i>optional</i>	Example : "string"	string
LowerThresholdNonCritical <i>optional</i>	Example : "string"	string
OperationalStatus <i>optional</i>	Example : "string"	string
OtherSensorTypeDescription <i>optional</i>	Example : "string"	string
PossibleStates <i>optional</i>	Example : ["string"]	< string > array
PrimaryStatus <i>optional</i>	Example : "string"	string
RateUnits <i>optional</i>	Example : "string"	string
RequestedState <i>optional</i>	Example : "string"	string
SensorType <i>optional</i>	Example : "string"	string
SettableThresholds <i>optional</i>	Example : ["string"]	< string > array
SupportedThresholds <i>optional</i>	Example : ["string"]	< string > array
SystemCreationClassName <i>optional</i>	Example : "string"	string
SystemName <i>optional</i>	Example : "string"	string
TransitioningToState <i>optional</i>	Example : "string"	string
UnitModifier <i>optional</i>	Example : "string"	string
UpperThresholdCritical <i>optional</i>	Example : "string"	string

Name	Description	Schema
UpperThresholdNonCritical <i>optional</i>	Example : "string"	string
ValueFormula <i>optional</i>	Example : "string"	string

3.17. DCIMPowerSupplyview

Name	Description	Schema
DetailedState <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
FirmwareVersion <i>optional</i>	Example : "string"	string
InputVoltage <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
Manufacturer <i>optional</i>	Example : "string"	string
Model <i>optional</i>	Example : "string"	string
PMBusMonitoring <i>optional</i>	Example : "string"	string
PartNumber <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string

Name	Description	Schema
Range1MaxInputPower <i>optional</i>	Example : "string"	string
RedMinNumberNeeded <i>optional</i>	Example : "string"	string
RedTypeOfSet <i>optional</i>	Example : "string"	string
RedundancyStatus <i>optional</i>	Example : "string"	string
SerialNumber <i>optional</i>	Example : "string"	string
TotalOutputPower <i>optional</i>	Example : "string"	string
Type <i>optional</i>	Example : "string"	string

3.18. DCIMRAIDEnumeration

Name	Description	Schema
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string
PossibleValues <i>optional</i>	Example : ["string"]	< string > array

3.19. DCIMRAIDInteger

Name	Description	Schema
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
LowerBound <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string
UpperBound <i>optional</i>	Example : "string"	string

3.20. DCIMSensor

Name	Description	Schema
CreationClassName <i>optional</i>	Example : "string"	string
CurrentState <i>optional</i>	Example : "string"	string
DeviceID <i>optional</i>	Example : "string"	string
ElementName <i>optional</i>	Example : "string"	string
EnabledState <i>optional</i>	Example : "string"	string
HealthState <i>optional</i>	Example : "string"	string
OperationalStatus <i>optional</i>	Example : "string"	string
OtherSensorTypeDescription <i>optional</i>	Example : "string"	string
PossibleStates <i>optional</i>	Example : ["string"]	< string > array

Name	Description	Schema
PrimaryStatus <i>optional</i>	Example : "string"	string
RequestedState <i>optional</i>	Example : "string"	string
SensorType <i>optional</i>	Example : "string"	string
SystemCreationClassName <i>optional</i>	Example : "string"	string
SystemName <i>optional</i>	Example : "string"	string

3.21. DCIMSoftwareIdentity

Name	Description	Schema
BuildNumber <i>optional</i>	Example : "string"	string
Classifications <i>optional</i>	Example : "string"	string
ComponentID <i>optional</i>	Example : "string"	string
ComponentType <i>optional</i>	Example : "string"	string
DeviceID <i>optional</i>	Example : "string"	string
ElementName <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
IdentityInfoType <i>optional</i>	Example : "string"	string
IdentityInfoValue <i>optional</i>	Example : "string"	string
InstallationDate <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string

Name	Description	Schema
IsEntity <i>optional</i>	Example : "string"	string
MajorVersion <i>optional</i>	Example : "string"	string
MinorVersion <i>optional</i>	Example : "string"	string
RevisionNumber <i>optional</i>	Example : "string"	string
RevisionString <i>optional</i>	Example : "string"	string
Status <i>optional</i>	Example : "string"	string
SubDeviceID <i>optional</i>	Example : "string"	string
SubVendorID <i>optional</i>	Example : "string"	string
Updateable <i>optional</i>	Example : "string"	string
VendorID <i>optional</i>	Example : "string"	string
VersionString <i>optional</i>	Example : "string"	string
impactsTPMMeasurements <i>optional</i>	Example : "string"	string

3.22. DCIMSystemString

Name	Description	Schema
AttributeDisplay Name <i>optional</i>	Example : "string"	string
AttributeName <i>optional</i>	Example : "string"	string
CurrentValue <i>optional</i>	Example : "string"	string
DefaultValue <i>optional</i>	Example : "string"	string
Dependency <i>optional</i>	Example : "string"	string

Name	Description	Schema
DisplayOrder <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
GroupDisplay Name <i>optional</i>	Example : "string"	string
GroupID <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IsReadOnly <i>optional</i>	Example : "string"	string
MaxLength <i>optional</i>	Example : "string"	string
MinLength <i>optional</i>	Example : "string"	string
PendingValue <i>optional</i>	Example : "string"	string

3.23. DCIMSystemView

Name	Description	Schema
AssetTag <i>optional</i>	Example : "string"	string
BIOSReleased ate <i>optional</i>	Example : "string"	string
BIOSVersionSt ring <i>optional</i>	Example : "string"	string
BaseBoardCha ssisSlot <i>optional</i>	Example : "string"	string
BatteryRollup Status <i>optional</i>	Example : "string"	string
BladeGeometr y <i>optional</i>	Example : "string"	string
BoardPartNu mber <i>optional</i>	Example : "string"	string

Name	Description	Schema
BoardSerialNumber <i>optional</i>	Example : "string"	string
CMCIP <i>optional</i>	Example : "string"	string
CPLDVersion <i>optional</i>	Example : "string"	string
CPURollupStatus <i>optional</i>	Example : "string"	string
ChassisModel <i>optional</i>	Example : "string"	string
ChassisName <i>optional</i>	Example : "string"	string
ChassisServiceTag <i>optional</i>	Example : "string"	string
ChassisSystemHeight <i>optional</i>	Example : "string"	string
CurrentRollupStatus <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
EstimatedExhaustTemperature <i>optional</i>	Example : "string"	string
EstimatedSystemAirflow <i>optional</i>	Example : "string"	string
ExpressServiceCode <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
FanRollupStatus <i>optional</i>	Example : "string"	string
HostName <i>optional</i>	Example : "string"	string

Name	Description	Schema
IDSDMRollupStatus <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IntrusionRollupStatus <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
LicensingRollupStatus <i>optional</i>	Example : "string"	string
LifecycleControllerVersion <i>optional</i>	Example : "string"	string
Manufacturer <i>optional</i>	Example : "string"	string
MaxCPUSockets <i>optional</i>	Example : "string"	string
MaxDIMMSlots <i>optional</i>	Example : "string"	string
MaxPCIESlots <i>optional</i>	Example : "string"	string
MemoryOperationMode <i>optional</i>	Example : "string"	string
MemoryRollupStatus <i>optional</i>	Example : "string"	string
Model <i>optional</i>	Example : "string"	string
NodeID <i>optional</i>	Example : "string"	string
PSRollupStatus <i>optional</i>	Example : "string"	string

Name	Description	Schema
PlatformGUID <i>optional</i>	Example : "string"	string
PopulatedCPU Sockets <i>optional</i>	Example : "string"	string
PopulatedDIM MSlots <i>optional</i>	Example : "string"	string
PopulatedPCIe Slots <i>optional</i>	Example : "string"	string
PowerCap <i>optional</i>	Example : "string"	string
PowerCapEnabledState <i>optional</i>	Example : "string"	string
PowerState <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
RollupStatus <i>optional</i>	Example : "string"	string
SDCardRollup Status <i>optional</i>	Example : "string"	string
ServerAllocation <i>optional</i>	Example : "string"	string
ServiceTag <i>optional</i>	Example : "string"	string
StorageRollup Status <i>optional</i>	Example : "string"	string
SysMemError Methodology <i>optional</i>	Example : "string"	string
SysMemFailOverState <i>optional</i>	Example : "string"	string
SysMemLocation <i>optional</i>	Example : "string"	string

Name	Description	Schema
SysMemMaxCapacitySize <i>optional</i>	Example : "string"	string
SysMemPrimaryStatus <i>optional</i>	Example : "string"	string
SysMemTotalSize <i>optional</i>	Example : "string"	string
SystemGeneration <i>optional</i>	Example : "string"	string
SystemID <i>optional</i>	Example : "string"	string
SystemRevision <i>optional</i>	Example : "string"	string
TempRollupStatus <i>optional</i>	Example : "string"	string
TempStatisticsRollupStatus <i>optional</i>	Example : "string"	string
UUID <i>optional</i>	Example : "string"	string
VoltRollupStatus <i>optional</i>	Example : "string"	string
smbiosGUID <i>optional</i>	Example : "string"	string

3.24. DCIMVFlashView

Name	Description	Schema
ComponentName <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string

3.25. DCIM_BIOSEnumeration

Name	Description	Schema
attributeDisplayName <i>optional</i>	Example : "string"	string
attributeName <i>optional</i>	Example : "string"	string
currentValue <i>optional</i>	Example : "string"	string
dependency <i>optional</i>	Example : "string"	string
displayOrder <i>optional</i>	Example : "string"	string
fqdd <i>optional</i>	Example : "string"	string
groupDisplayName <i>optional</i>	Example : "string"	string
groupID <i>optional</i>	Example : "string"	string
instanceID <i>optional</i>	Example : "string"	string
isReadOnly <i>optional</i>	Example : "string"	string
pendingValue <i>optional</i>	Example : "string"	string
possibleValues <i>optional</i>	Example : ["string"]	< string > array
possibleValueDescription <i>optional</i>	Example : ["string"]	< string > array

3.26. DCIM_BIOSString

Name	Description	Schema
attributeDisplayName <i>optional</i>	Example : "string"	string
attributeName <i>optional</i>	Example : "string"	string

Name	Description	Schema
currentValue <i>optional</i>	Example : "string"	string
dependency <i>optional</i>	Example : "string"	string
displayOrder <i>optional</i>	Example : "string"	string
fqdd <i>optional</i>	Example : "string"	string
groupDisplay Name <i>optional</i>	Example : "string"	string
groupID <i>optional</i>	Example : "string"	string
instanceID <i>optional</i>	Example : "string"	string
isReadOnly <i>optional</i>	Example : "string"	string
maxLength <i>optional</i>	Example : "string"	string
minLength <i>optional</i>	Example : "string"	string
pendingValue <i>optional</i>	Example : "string"	string
valueExpressi on <i>optional</i>	Example : "string"	string

3.27. DCIM_BootConfigSetting

Name	Description	Schema
elementName <i>optional</i>	Example : "string"	string
instanceID <i>optional</i>	Example : "string"	string
isCurrent <i>optional</i>	Example : "string"	string
isDefault <i>optional</i>	Example : "string"	string
isNext <i>optional</i>	Example : "string"	string

3.28. DCIM_BootSourceSetting

Name	Description	Schema
biosbootString <i>optional</i>	Example : "string"	string
bootSourceType <i>optional</i>	Example : "string"	string
bootString <i>optional</i>	Example : "string"	string
currentAssignedSequence <i>optional</i>	Example : "string"	string
currentEnabledStatus <i>optional</i>	Example : "string"	string
elementName <i>optional</i>	Example : "string"	string
failThroughSupported <i>optional</i>	Example : "string"	string
instanceID <i>optional</i>	Example : "string"	string
pendingAssignedSequence <i>optional</i>	Example : "string"	string
pendingEnabledStatus <i>optional</i>	Example : "string"	string

3.29. HardwareResponse

Name	Description	Schema
DCIM_CPUView <i>optional</i>	Example : ["DCIMCPUView"]	< DCIMCPUView > array
DCIM_ControllerBatteryView <i>optional</i>	Example : "string"	string
DCIM_ControllerView <i>optional</i>	Example : ["DCIMControllerView"]	< DCIMControllerView > array

Name	Description	Schema
DCIM_EnclosureView <i>optional</i>	Example : "DCIMEnclosureView"	DCIMEnclosureView
DCIM_FanView <i>optional</i>	Example : ["DCIMFanView"]	< DCIMFanView > array
DCIM_Memoryview <i>optional</i>	Example : ["DCIMMemoryview"]	< DCIMMemoryview > array
DCIM_NumericSensor <i>optional</i>	Example : ["DCIMNumericSensor"]	< DCIMNumericSensor > array
DCIM_Powersupplyview <i>optional</i>	Example : ["DCIMPowersupplyview"]	< DCIMPowersupplyvi ew > array
DCIM_RAIDEnumeration <i>optional</i>	Example : ["DCIMRAIDEnumeration"]	< DCIMRAIDEnumerat ion > array
DCIM_RAIDInteger <i>optional</i>	Example : ["DCIMRAIDInteger"]	< DCIMRAIDInteger > array
DCIM_Sensor <i>optional</i>	Example : ["DCIMSensor"]	< DCIMSensor > array
DCIM_SystemString <i>optional</i>	Example : ["DCIMSystemString"]	< DCIMSystemString > array
DCIM_SystemView <i>optional</i>	Example : "DCIMSystemView"	DCIMSystemView
DCIM_VFlashView <i>optional</i>	Example : "DCIMVFlashView"	DCIMVFlashView
DCIM_VirtualDiskView <i>optional</i>	Example : "string"	string

3.30. InventoryCallbackRequest

Inventory callback request for device inventory.

Name	Description	Schema
callbackGraph <i>optional</i>	CallbackGraph. Example : "string"	string

Name	Description	Schema
callbackUri <i>required</i>	CallbackUri. Example : "string"	string
credential <i>required</i>	Credential Example : "Credential"	Credential
type <i>required</i>	Type. Example : "string"	string

3.31. ManagerResponse

Name	Description	Schema
DCIM_IDRACC ardView <i>optional</i>	Example : "DCIMIDRACCardView"	DCIMIDRACCardView
DCIM_iDRACC ardEnumeration <i>optional</i>	Example : ["DCIMIDRACCardEnumeration"]	< DCIMIDRACCardEnumeration > array
DCIM_iDRACC ardString <i>optional</i>	Example : ["DCIMIDRACCardString"]	< DCIMIDRACCardString > array

3.32. NicsResponse

Name	Description	Schema
DCIM_NICEnu meration <i>optional</i>	Example : ["DCIMNICEnumeration"]	< DCIMNICEnumeration > array
DCIM_NICStri ng <i>optional</i>	Example : ["DCIMNICString"]	< DCIMNICString > array
DCIM_NICVie w <i>optional</i>	Example : ["DCIMNICView"]	< DCIMNICView > array

3.33. ResponseString

Name	Description	Schema
callbackUri <i>optional</i>	Example : "string"	string
response <i>optional</i>	Example : "string"	string

3.34. SelLogResponse

Name	Description	Schema
creationTimestamp <i>optional</i>	Example : "string"	string
elementName <i>optional</i>	Example : "string"	string
instanceID <i>optional</i>	Example : "string"	string
logInstanceID <i>optional</i>	Example : "string"	string
logName <i>optional</i>	Example : "string"	string
perceivedSeverity <i>optional</i>	Example : "string"	string
recordData <i>optional</i>	Example : "string"	string
recordFormat <i>optional</i>	Example : "string"	string
recordID <i>optional</i>	Example : "string"	string

3.35. SoftwareResponse

Name	Description	Schema
CIM_InstalledSoftwareIdentity <i>optional</i>	Example : "CIMInstalledSoftwareIdentity"	CIMInstalledSoftwareIdentity
DCIM_SoftwareIdentity <i>optional</i>	Example : ["DCIMSoftwareIdentity"]	< DCIMSoftwareIdentity > array

3.36. SummaryResponse

Name	Description	Schema
AssetTag <i>optional</i>	Example : "string"	string
BIOSReleaseDate <i>optional</i>	Example : "string"	string

Name	Description	Schema
BIOSVersionString <i>optional</i>	Example : "string"	string
BaseBoardChassisSlot <i>optional</i>	Example : "string"	string
BatteryRollupStatus <i>optional</i>	Example : "string"	string
BladeGeometry <i>optional</i>	Example : "string"	string
BoardPartNumber <i>optional</i>	Example : "string"	string
BoardSerialNumber <i>optional</i>	Example : "string"	string
CMCIP <i>optional</i>	Example : "string"	string
CPLDVersion <i>optional</i>	Example : "string"	string
CPURollupStatus <i>optional</i>	Example : "string"	string
ChassisModel <i>optional</i>	Example : "string"	string
ChassisName <i>optional</i>	Example : "string"	string
ChassisServiceTag <i>optional</i>	Example : "string"	string
ChassisSystemHeight <i>optional</i>	Example : "string"	string
CurrentRollupStatus <i>optional</i>	Example : "string"	string
DeviceDescription <i>optional</i>	Example : "string"	string

Name	Description	Schema
EstimatedExhaustTemperature <i>optional</i>	Example : "string"	string
EstimatedSystemAirflow <i>optional</i>	Example : "string"	string
ExpressServiceCode <i>optional</i>	Example : "string"	string
FQDD <i>optional</i>	Example : "string"	string
FanRollupStatus <i>optional</i>	Example : "string"	string
HostName <i>optional</i>	Example : "string"	string
IDSDMRollupStatus <i>optional</i>	Example : "string"	string
InstanceID <i>optional</i>	Example : "string"	string
IntrusionRollupStatus <i>optional</i>	Example : "string"	string
LastSystemInventoryTime <i>optional</i>	Example : "string"	string
LastUpdateTime <i>optional</i>	Example : "string"	string
LicensingRollupStatus <i>optional</i>	Example : "string"	string
LifecycleControllerVersion <i>optional</i>	Example : "string"	string
Manufacturer <i>optional</i>	Example : "string"	string
MaxCPUSockets <i>optional</i>	Example : "string"	string

Name	Description	Schema
MaxDIMMSlots <i>optional</i>	Example : "string"	string
MaxPCIESlots <i>optional</i>	Example : "string"	string
MemoryOperationMode <i>optional</i>	Example : "string"	string
MemoryRollupStatus <i>optional</i>	Example : "string"	string
Model <i>optional</i>	Example : "string"	string
NodeID <i>optional</i>	Example : "string"	string
PSRollupStatus <i>optional</i>	Example : "string"	string
PlatformGUID <i>optional</i>	Example : "string"	string
PopulatedCPUSockets <i>optional</i>	Example : "string"	string
PopulatedDIMMSlots <i>optional</i>	Example : "string"	string
PopulatedPCIESlots <i>optional</i>	Example : "string"	string
PowerCap <i>optional</i>	Example : "string"	string
PowerCapEnabledState <i>optional</i>	Example : "string"	string
PowerState <i>optional</i>	Example : "string"	string
PrimaryStatus <i>optional</i>	Example : "string"	string
RollupStatus <i>optional</i>	Example : "string"	string
SDCardRollupStatus <i>optional</i>	Example : "string"	string

Name	Description	Schema
ServerAllocation <i>optional</i>	Example : "string"	string
ServiceTag <i>optional</i>	Example : "string"	string
StorageRollupStatus <i>optional</i>	Example : "string"	string
SysMemErrorMethodology <i>optional</i>	Example : "string"	string
SysMemFailOverState <i>optional</i>	Example : "string"	string
SysMemLocation <i>optional</i>	Example : "string"	string
SysMemMaxCapacitySize <i>optional</i>	Example : "string"	string
SysMemPrimaryStatus <i>optional</i>	Example : "string"	string
SysMemTotalSize <i>optional</i>	Example : "string"	string
SystemGeneration <i>optional</i>	Example : "string"	string
SystemID <i>optional</i>	Example : "string"	string
SystemRevision <i>optional</i>	Example : "string"	string
TempRollupStatus <i>optional</i>	Example : "string"	string
TempStatisticsRollupStatus <i>optional</i>	Example : "string"	string
UUID <i>optional</i>	Example : "string"	string

Name	Description	Schema
VoltRollupStatus <i>optional</i>	Example : "string"	string
smbiosGUID <i>optional</i>	Example : "string"	string