



# Viewing Server Properties

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## Viewing Server Properties

### Procedure

- Step 1**

In the **Navigation** pane, click the **Server** tab.
- Step 2**

On the **Server** tab, click **Summary**.
- Step 3**

In the **Server Properties** area of the **Server Summary** pane, review the following information:

Name	Description
<b>Product Name</b> field	The model name of the server.
<b>Serial Number</b> field	The serial number for the server.
<b>PID</b> field	The product ID.
<b>UUID</b> field	The UUID assigned to the server.
<b>BIOS Version</b> field	The version of the BIOS running on the server.
<b>Description</b> field	A user-defined description for the server.

Name	Description
Asset Tag field	A user-defined tag for the server. By default, the asset tag for a new server displays <b>Unknown</b> .

## Viewing Cisco IMC Information

### Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Summary**.
- Step 3** In the **Cisco Integrated Management Controller (Cisco IMC) Information** area of the **Server Summary** pane, review the following information:

Name	Description
Hostname field	A user-defined hostname for the Cisco IMC. By default, the hostname appears in CXXX-YYYYYY format, where XXX is the model number and YYYYYY is the serial number of the server.
IP Address field	The IP address for the Cisco IMC.
MAC Address field	The MAC address assigned to the active network interface to the Cisco IMC.
Firmware Version field	The current Cisco IMC firmware version.
Current Time field	<p>The current date and time according to the Cisco IMC clock.</p> <p><b>Note</b> Cisco IMC gets the current date and time from the server BIOS when the NTP is disabled. When NTP is enabled, BIOS and Cisco IMC gets the current time and date from the NTP server. To change this information, reboot the server and press <b>F2</b> when prompted to access the BIOS configuration menu. Then change the date or time using the options on the main BIOS configuration tab.</p>
Local Time field	The local time of the region according to the chosen time zone.
Timezone field	Allows you to select a time zone by clicking on the <b>Select Timezone</b> option. In the <b>Select Timezone</b> pop-up screen, mouse over the map and click on the location to select your time zone or choose your time zone from the <b>Timezone</b> drop-down menu.

# Viewing CPU Properties

## Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Inventory**.
- Step 3** In the **Inventory** pane, click the **CPUs** tab.
- Step 4** Review the following information for each CPU:

Name	Description
<b>Socket Name</b> field	The socket in which the CPU is installed.
<b>Vendor</b> field	The vendor for the CPU.
<b>Status</b> field	The status of the CPU.
<b>Family</b> field	The family to which this CPU belongs.
<b>Version</b> field	The version information of the CPU.
<b>Speed</b> field	The CPU speed, in megahertz.
<b>Number of Cores</b> field	The number of cores in the CPU.
<b>Signature</b> field	The signature information for the CPU.
<b>Number of Threads</b> field	The maximum number of threads that the CPU can process concurrently.

# Viewing Memory Properties

## Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Inventory**.
- Step 3** In the **Inventory** pane, click the **Memory** tab.
- Step 4** In the **Memory Summary** area, review the following summary information about memory:

Name	Description
<b>Memory Speed</b> field	The memory speed, in megahertz.
<b>Failed Memory</b> field	The amount of memory that is currently failing, in megabytes.

Name	Description
<b>Total Memory</b> field	The total amount of memory available on the server if all DIMMs are fully functional.
<b>Ignored Memory</b> field	The amount of memory currently not available for use, in megabytes.
<b>Effective Memory</b> field	The actual amount of memory currently available to the server.
<b>Number of Ignored DIMMs</b> field	The number of DIMMs that the server cannot access.
<b>Redundant Memory</b> field	The amount of memory used for redundant storage.
<b>Number of Failed DIMMs</b> field	The number of DIMMs that have failed and cannot be used.
<b>Memory RAS Possible</b> field	Details about the RAS memory configuration that the server supports.
<b>Memory Configuration</b> field	The current memory configuration. This can be one of the following: <ul style="list-style-type: none"> <li>• <b>Maximum Performance</b>—The system automatically optimizes the memory performance.</li> <li>• <b>Mirroring</b>—The server maintains two identical copies of the data in memory. This option effectively halves the available memory on the server, as one half is automatically reserved for mirrored copy.</li> <li>• <b>Lockstep</b>—If the DIMM pairs in the server have an identical type, size, and organization and are populated across the SMI channels, you can enable lockstep mode to minimize memory access latency and provide better performance.</li> </ul>
<b>DIMM location diagram</b>	Displays the DIMM or memory layout for the current server.

**Step 5** In the **DIMM Black Listing** area, view the overall status of a DIMM and also enable DIMM black listing.

Name	Description
<b>Overall DIMM Status</b> field	The overall status of a DIMM. This can be one of the following: <ul style="list-style-type: none"> <li>• <b>Good</b>—The DIMM status is available.</li> <li>• <b>Severe Fault</b>—The DIMM status when uncorrectable ECC errors are present.</li> </ul>
<b>Enable DIMM Black List</b> checkbox	Check this option to enable DIMM black listing.

**Step 6** In the **Memory Details** table, review the following detailed information about each DIMM:

**Tip** Click a column header to sort the table rows, according to the entries in that column.

Name	Description
<b>Name</b> column	The name of the DIMM slot in which the memory module is installed.

Name	Description
<b>Capacity</b> column	The size of the DIMM.
<b>Channel Speed</b> column	The clock speed of the memory channel, in megahertz.
<b>Channel Type</b> column	The type of memory channel.
<b>Memory Type Detail</b> column	The type of memory used in the device.
<b>Bank Locator</b> column	The location of the DIMM within the memory bank.
<b>Manufacturer</b> column	The vendor ID of the manufacturer. This can be one of the following: <ul style="list-style-type: none"> <li>• <b>0x2C00</b>—Micron Technology, Inc.</li> <li>• <b>0x5105</b>—Qimonda AG i. In.</li> <li>• <b>0x802C</b>—Micron Technology, Inc.</li> <li>• <b>0x80AD</b>—Hynix Semiconductor Inc.</li> <li>• <b>0x80CE</b>—Samsung Electronics, Inc.</li> <li>• <b>0x8551</b>—Qimonda AG i. In.</li> <li>• <b>0xAD00</b>—Hynix Semiconductor Inc.</li> <li>• <b>0xCE00</b>—Samsung Electronics, Inc.</li> </ul>
<b>Serial Number</b> column	The serial number of the DIMM.
<b>Asset Tag</b> column	The asset tag associated with the DIMM, if any.
<b>Part Number</b> column	The part number for the DIMM assigned by the vendor.
<b>Visibility</b> column	Whether the DIMM is available to the server.
<b>Operability</b> column	Whether the DIMM is currently operating correctly.
<b>Data Width</b> column	The amount of data the DIMM supports, in bits.

## Viewing Power Supply Properties

### Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Inventory**.
- Step 3** In the **Inventory** pane, click the **Power Supplies** tab.
- Step 4** Review the following information for each power supply:

**Tip** Click a column header to sort the table rows, according to the entries in that column.

Name	Description
<b>Device ID</b> column	The identifier for the power supply unit.
<b>Input</b> column	The input into the power supply, in watts. <b>Note</b> This option is available only on some C-Series servers.
<b>Max Output</b> column	The maximum output from the power supply, in watts. <b>Note</b> This option is available only on some C-Series servers.
<b>FW Version</b> column	The firmware version for the power supply.
<b>Product ID</b> column	The product identifier for the power supply assigned by the vendor.

## Viewing PCI Adapter Properties

### Before you begin

The server must be powered on, or the properties will not display.

### Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Inventory**.
- Step 3** In the **Inventory** pane, click the **PCI Adapters** tab.
- Step 4** In the **PCI Adapters** area, review the following information for the installed PCI adapters:

Name	Description
<b>Slot ID</b> column	The slot in which the adapter resides.
<b>Product Name</b> column	The name of the adapter.
<b>Option ROM Status</b> column	Indicates the Option ROM status. This can be one of the following: <ul style="list-style-type: none"><li>• Loaded—Data is available in the card.</li><li>• Unloaded—Data is not available in the card.</li><li>• Load Error—Card is present and Option ROM is enabled. But Option ROM failed to load due to an error in the card.</li></ul> <b>Note</b> This field is available only on some C-Series servers.

Name	Description
<b>Firmware Version</b> column	The firmware versions of the adapters.  <b>Note</b> The firmware versions are displayed only for adapters that provide versions through the standard UEFI interface. For example, Intel LOM and Emulex Adapters.
<b>Vendor ID</b> column	The adapter ID assigned by the vendor.
<b>Sub Vendor ID</b> column	The secondary adapter ID assigned by the vendor.
<b>Device ID</b> column	The device ID assigned by the vendor.
<b>Sub Device ID</b> column	The secondary device ID assigned by the vendor.

## Viewing Nvidia GPU Card Information

This information is not available on all Cisco UCS C-series servers.

### Before you begin

The server must be powered to view information on the available Nvidia GPU cards.

### Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Inventory**.
- Step 3** In the **Inventory** pane, click the **PCI Adapters** tab.
- Step 4** In the **PCI Adapters** area, review the following information for the installed PCI adapters:

Name	Description
<b>Slot ID</b> column	The slot in which the adapter resides.
<b>Product Name</b> column	The name of the adapter.
<b>Option ROM Status</b> column	Indicates the Option ROM status. This can be one of the following: <ul style="list-style-type: none"><li>• Loaded—Data is available in the card.</li><li>• Unloaded—Data is not available in the card.</li><li>• Load Error—Card is present and Option ROM is enabled. But Option ROM failed to load due to an error in the card.</li></ul> <b>Note</b> This field is available only on some C-Series servers.

Name	Description
<b>Firmware Version</b> column	The firmware versions of the adapters.  <b>Note</b> The firmware versions are displayed only for adapters that provide versions through the standard UEFI interface. For example, Intel LOM and Emulex Adapters.
<b>Vendor ID</b> column	The adapter ID assigned by the vendor.
<b>Sub Vendor ID</b> column	The secondary adapter ID assigned by the vendor.
<b>Device ID</b> column	The device ID assigned by the vendor.
<b>Sub Device ID</b> column	The secondary device ID assigned by the vendor.

**Step 5** Click the **Slot ID** or the **Product Name** of the Nvidia GPU card.

**Step 6** In the **GPU Inventory** dialog box, review the following information for the Nvidia GPU card:

Name	Description
<b>GPU ID</b>	ID of the GPU in the NVidia card.
<b>Temperature</b>	The temperature of the GPU card in Celsius.

## Viewing TPM Properties

### Procedure

**Step 1** In the **Navigation** pane, click the **Server** tab.

**Step 2** On the **Server** tab, click **Inventory**.

**Step 3** In the **Inventory** pane, click the **TPM** tab

**Step 4** Review the following information:

Name	Description
<b>Version</b> field	The TPM version. This field displays <b>NA</b> if the TPM version details are not available.
<b>Presence</b> field	Presence of the TPM module on the host server.  <ul style="list-style-type: none"> <li>• <b>Equipped</b>—The TPM is present on the host server.</li> <li>• <b>Empty</b>—The TPM does not exist on the host server.</li> </ul>
<b>Model</b> field	The model number of the TPM. This field displays <b>NA</b> if the TPM does not exist on the host server.



Name	Description
<b>Enabled Status</b> field	Whether or not the TPM is enabled. <ul style="list-style-type: none"> <li>• <b>Enabled</b>—The TPM is enabled.</li> <li>• <b>Disabled</b>—The TPM is disabled.</li> <li>• <b>Unknown</b>—The TPM does not exist on the host server.</li> </ul>
<b>Vendor</b> field	The name of the TPM vendor. This field displays <b>NA</b> if the TPM does not exist on the host server.
<b>Active Status</b> field	Activation status of the TPM. <ul style="list-style-type: none"> <li>• <b>Activated</b>—The TPM is activated.</li> <li>• <b>Deactivated</b>—The TPM is deactivated.</li> <li>• <b>Unknown</b>—The TPM does not exist on the host server.</li> </ul> <p><b>Note</b> In some C-series servers that have installed TPM version 2.0, <b>Active Status</b> is displayed as <b>NA</b>.</p>
<b>Serial</b> field	The serial number of the TPM. This field displays <b>NA</b> if the TPM does not exist on the host server.
<b>Ownership</b> field	The ownership status of TPM. <ul style="list-style-type: none"> <li>• <b>Owned</b>—The TPM is owned.</li> <li>• <b>Unowned</b>—The TPM is unowned.</li> <li>• <b>Unknown</b>—The TPM does not exist on the host server.</li> </ul> <p><b>Note</b> In some C-series servers that have installed TPM version 2.0, <b>Ownership</b> status is displayed as <b>NA</b>.</p>
<b>Revision</b> field	Revision number of the TPM. This field displays <b>NA</b> if the TPM does not exist on the host server.

## Viewing PID Catalog

### Procedure

- Step 1** In the **Navigation** pane, click the **Admin** tab.
- Step 2** On the **Server** tab, click **Inventory**.
- Step 3** In the **Inventory** pane, click the **PID Catalog** tab.
- Step 4** In the **Actions** area,

**Step 5** In the **Summary** area, review the following summary information about the PID catalog:

Name	Description
<b>Upload Status</b> field	The download status of the PID catalog. It can be any of the following: <ul style="list-style-type: none"> <li>• Download in Progress</li> <li>• Download Successful</li> <li>• Download Error - TFTP File Not Found</li> <li>• Download Error - Connection Failed</li> <li>• Download Error - Access Denied</li> <li>• Download Error - File Not Found</li> <li>• Download Error - Download Failed</li> <li>• Activation Successful</li> <li>• Error - Unknown</li> <li>• N/A</li> </ul>
<b>Activation Status</b> field	The activation status of the PID catalog.
<b>Current Activated version</b> field	The activated version of the PID catalog.

**Step 6** In the **CPU** table, review the following information about CPU:

Name	Description
<b>Socket</b> field	The socket in which the CPU is installed.
<b>Product ID</b> field	The product ID for the CPU.
<b>Model</b> field	The model number of the CPU

**Step 7** In the **Memory** table, review the following information about memory:

Name	Description
<b>Name</b> field	The name of the memory slot.
<b>Product ID</b> field	The product ID for the memory slot assigned by the vendor.
<b>Vendor ID</b> field	The ID assigned by the vendor.
<b>Capacity</b> field	The size of the memory.
<b>Speed (MHz)</b> field	The memory speed, in megahertz.

**Step 8** In the **PCI Adapter** table, review the following information about PCI adapter:

Name	Description
Slot column	The slot in which the adapter resides.
Product ID column	The product ID for the adapter.
Vendor ID column	The adapter ID assigned by the vendor.
Sub Vendor ID column	The secondary adapter ID assigned by the vendor.
Device ID column	The device ID assigned by the vendor.
Sub Device ID column	The secondary device ID assigned by the vendor.

**Step 9** In the **HDD** table, review the following information about HDD:

Name	Description
Disk field	The disk of the hard drive.
Product ID field	The product ID for the hard drive.
Controller field	The system-defined name of the selected Cisco Flexible Flash controller. This name cannot be changed.
Vendor field	The vendor for the hard drive.
Model field	The model of the hard drive.

