



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
Product Name field	The model name of the server.
Serial Number field	The serial number for the server.
PID field	The product ID.
UUID field	The UUID assigned to the server.
BIOS Version field	The version of the BIOS running on the server.

Name	Description
Description field	A user-defined description for the server.

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	The current date and time according to the Cisco IMC clock. Note Cisco IMC gets the current date and time from the server BIOS. To change this information, reboot the server and press F2 when prompted to access the BIOS configuration menu. Then change the date or time using the options on the main BIOS configuration tab.

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
Socket Name field	The socket in which the CPU is installed.
Vendor field	The vendor for the CPU.
Status field	The status of the CPU.
Family field	The family to which this CPU belongs.
Speed field	The CPU speed, in megahertz.
Version field	The CPU version.
Number of Cores field	The number of cores in the CPU.
Signature field	The signature information for the CPU.
Number of Threads 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
Memory Speed field	The memory speed, in megahertz.

Name	Description
Failed Memory field	The amount of memory that is currently failing, in megabytes.
Total Memory field	The total amount of memory available on the server if all DIMMs are fully functional.
Ignored Memory field	The amount of memory currently not available for use, in megabytes.
Effective Memory field	The actual amount of memory currently available to the server.
Number of Ignored DIMMs field	The number of DIMMs that the server cannot access.
Redundant Memory field	The amount of memory used for redundant storage.
Number of Failed DIMMs field	The number of DIMMs that have failed and cannot be used.
Memory RAS Possible field	Details about the RAS memory configuration that the server supports.
Memory Configuration field	The current memory configuration. This can be one of the following: <ul style="list-style-type: none"> • Maximum Performance—The system automatically optimizes the memory performance. • Mirroring—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. • Lockstep—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.
DIMM location diagram	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
Overall DIMM Status	The overall status of a DIMM. <ul style="list-style-type: none"> • Good—The DIMM status is available. • N/A— The DIMM status is unavailable.
Enable DIMM Black List 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
Name column	The name of the DIMM slot in which the memory module is installed.
Capacity column	The size of the DIMM.
Channel Speed column	The clock speed of the memory channel, in megahertz.
Channel Type column	The type of memory channel.
Memory Type Detail column	The type of memory used in the device.
Bank Locator column	The location of the DIMM within the memory bank.
Manufacturer column	The vendor ID of the manufacturer. This can be one of the following: <ul style="list-style-type: none"> • 0x2C00—Micron Technology, Inc. • 0x5105—Qimonda AG i. In. • 0x802C—Micron Technology, Inc. • 0x80AD—Hynix Semiconductor Inc. • 0x80CE—Samsung Electronics, Inc. • 0x8551—Qimonda AG i. In. • 0xAD00—Hynix Semiconductor Inc. • 0xCE00—Samsung Electronics, Inc.
Serial Number column	The serial number of the DIMM.
Asset Tag column	The asset tag associated with the DIMM, if any.
Part Number column	The part number for the DIMM assigned by the vendor.
Visibility column	Whether the DIMM is available to the server.
Operability column	Whether the DIMM is currently operating correctly.
Data Width 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
Device ID column	The identifier for the power supply unit.
Input column	The input into the power supply, in watts.
Max Output column	The maximum output from the power supply, in watts.
FW Version column	The firmware version for the power supply.
Product ID 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
Slot ID column	The slot in which the adapter resides.
Product Name column	The name of the adapter.

Name	Description
Firmware Version column	The firmware versions of the adapters. Note The firmware versions are displayed only for adapters that provide versions through the standard UEFI interface. For example, Intel LOM and Emulex Adapters.
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.

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
Slot ID column	The slot in which the adapter resides.
Product Name column	The name of the adapter.
Firmware Version column	The firmware versions of the adapters. Note The firmware versions are displayed only for adapters that provide versions through the standard UEFI interface. For example, Intel LOM and Emulex Adapters.
Vendor ID column	The adapter ID assigned by the vendor.
Sub Vendor ID column	The secondary adapter ID assigned by the vendor.

Name	Description
Device ID column	The device ID assigned by the vendor.
Sub Device ID 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
GPU ID	ID of the GPU in the NVidia card.
Temperature	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
Version column	The TPM version. This field displays NA if the TPM version details are not available.
Presence column	Presence of the TPM module on the host server. <ul style="list-style-type: none"> • Equipped—The TPM is present on the host server. • Empty—The TPM does not exist on the host server.
Model column	The model number of the TPM. This field displays NA if the TPM does not exist on the host server.

Name	Description
Enabled Status column	Whether or not the TPM is enabled. <ul style="list-style-type: none"> • Enabled—The TPM is enabled. • Disabled—The TPM is disabled. • Unknown—The TPM does not exist on the host server.
Vendor column	The name of the TPM vendor. This field displays NA if the TPM does not exist on the host server.
Active Status column	Activation status of the TPM. <ul style="list-style-type: none"> • Activated—The TPM is activated. • Deactivated—The TPM is deactivated. • Unknown—The TPM does not exist on the host server.
Serial column	The serial number of the TPM. This field displays NA if the TPM does not exist on the host server.
Ownership column	The ownership status of TPM. <ul style="list-style-type: none"> • Owned—The TPM is owned. • Unowned—The TPM is unowned. • Unknown—The TPM does not exist on the host server.
Revision column	Revision number of the TPM. This field displays NA if the TPM does not exist on the host server.

