



Viewing Devices

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Viewing Network Devices

From the **Inventory > Device Management > Network Devices** page, you can view device inventory and device configuration information. The Network Devices page contains general administrative functions and configuration functions as described in [Table 27-1](#).

Table 27-1 **Network Devices Tasks**

Task	Description	Location in Inventory > Device Management > Network Devices
Manage devices	You can add, edit, delete, sync, and export devices, add and delete devices from groups and sites, and perform a bulk import.	Buttons are located at the top of the Device Work Center. For more details, see <i>Adding Devices Manually</i> , <i>Exporting Devices</i> , and <i>Importing Devices from Another Source</i> in Related Topics.
View basic device information and collection status	View basic device information such as reachability status, IP address, device type, and collection status.	Hover your mouse cursor over icon in the IP Address column and click the icon to access the 360° view for that device (see <i>Getting Device Details from the Device 360° View</i> in Related Topics). Hover your mouse cursor over the Last Inventory Collection cell and click the icon to view errors related to the inventory collection.
Manage device groups	By default, Cisco Prime Infrastructure creates dynamic device groups and assigns devices to the appropriate Device Type folder. You can create new device groups that appear under the User Defined folder.	Displayed in the left pane of the Network Devices Page.

Table 27-1 Network Devices Tasks (continued)

Task	Description	Location in Inventory > Device Management > Network Devices
Add devices to site groups	<p>After you set up a site group profile, you can add devices to it.</p> <p>To add devices to site groups in Network Devices page, add them to Group and then select site group.</p> <p>To add devices to site maps, go to the Maps > Site Map.</p> <p>Note A device can belong to one site group hierarchy only.</p> <p>Note The devices added to a site group in the Network Devices page do not add devices in the Maps > Site Map page. Similarly, the devices added in the Site Map Design page are not added to site groups in the Network Devices page.</p>	<p>Add to Group button located at the top of the Network Devices page under Groups & Sites.</p>
View device details	View device details such as memory, port, environment, chassis view and interface information.	Click on a Device Name to view the Device Details page for that device.
	View device information and status, and associated modules, alarms, neighbors, and interfaces. For more information, see <i>Getting Device Details from the Device 360° View</i> .	Hover your mouse cursor over a device IP address and click the icon that appears.
Create and deploy configuration templates	<p>You can configure device features on the selected device. You can also view the list of applied and scheduled feature templates that were deployed to the device.</p> <p>Note From the Network Devices page, it may not be possible to add configuration for a few controller features. In this case, use the Design page and create a new Template and deploy to the device.</p>	<p>Click on a Device Name, then click the Configuration tab.</p> <p>For more information about configuring features on a device, see <i>Configuring Device Features</i> in Related Topics</p>
View device configurations	View archived configurations, schedule configuration rollbacks, and schedule archive collections.	Click on a Device Name, then click the Configuration Archive tab.

Table 27-1 Network Devices Tasks (continued)

Task	Description	Location in Inventory > Device Management > Network Devices
View software images	You can view the recommended software image for a single device, and then import or distribute that image. If you want to distribute a software image to multiple devices, see <i>Deploying Software Images to Devices</i> in Related Topics.	Click on a Device Name, then click the Image tab. Scroll down to Recommended Images to view the recommended image for the device that you selected. Prime Infrastructure gathers the recommended images from both Cisco.com and the local repository. You can import the recommended image (see <i>Importing Software Images</i> in Related Topics) or distribute (see <i>Deploying Software Images to Devices</i> in Related Topics) the recommended image.
View interface details	You can view the description, admin status, and operational status of the interface.	Click on a Device Name, then click the Configuration tab. Click Interfaces to view the interface details.
View and modify TrustSec configuration	You can view and modify the TrustSec configuration of a TrustSec-based device.	Click on a Device Name, then click the Configuration tab. Click Security >TrustSec > Wired 802_1x .

Related Topics

- [Viewing Compute Devices](#)

Viewing Compute Devices

Compute Devices provide a consolidated view of all the devices that provide compute capability within a Data Center. You can manage Cisco UCS devices in the same way other network devices are managed, see *Viewing Network Devices* in Related Topics. From the **Inventory > Device Management > Compute Devices** page, you can view device inventory information for the physical devices such as UCS B-series and C-series devices that support data center virtualization and the data center components as described in [Table 27-2](#).

Table 27-2 Compute Devices Tasks

Task	List View	Detailed View
View Data Center	The list view shows the number of clusters, number of hosts, total number of VMs, status of VMs, discovery source and monitoring status of the data center.	<p>Click the data center name in the List View to view the properties of the data center.</p> <p>In the detailed view, you can see General, Clusters, Hosts, and VMs tabs.</p> <p>The General tab shows the properties of data center displayed in the list view. The Clusters tab shows the number of clusters available in this data center. The Hosts and Virtual Machines tabs shows the details of operational status, CPU usage, memory usage, CPU contention, and swap rate of the hosts and VMs, respectively. The Host section displays the details of hosts available in the selected data center and additional information on the installed operating systems. The Virtual Machine section shows the details of the virtual machines available in the selected data center and additional information on the memory granted and disk rate.</p>
View Clusters	The list view shows the hosts count, number of VMs, power on/off status of VMs and discovery sources.	<p>Click the cluster name in the List View to view the properties of the cluster.</p> <p>In the detailed view, you can see General, Alarms, Hosts, and Virtual Machines tabs.</p> <p>The General tab shows the properties of clusters displayed in the list view. The Alarms tab shows the alarms associated with the Cluster. The Hosts and Virtual Machines tabs show the operational status, CPU usage and memory usage of the hosts and VMs, respectively.</p>

Table 27-2 Compute Devices Tasks (continued)

Task	List View	Detailed View
View Hosts	<p>The list view shows the hosts count, number of VMs, power on/off status of VMs, discovery sources, host name, physical server, physical device name, alarm, and alarm count.</p> <p>If the host is installed on a UCS blade server that is managed by Prime Infrastructure then the Physical Server shows the blade server name and the Physical Device Name shows the UCS device name.</p> <p>To view the above details, choose Columns in the Settings icon and select the columns to be shown in the List View.</p>	<p>Click the host name in the list view to view the properties of the host.</p> <p>You can view the performance metrics of host and its parent cluster. The performance metrics shows a graphical representation of CPU utilization, memory usage and network performance.</p> <p>In the detailed view, you can also see the General, Virtual Machine, Alarm and User Defied Field tabs.</p> <p>The General tab shows the blade server name and UCS device name if the host is installed on a UCS blade server managed by Prime Infrastructure. The Virtual Machine tab shows the operational status, CPU and memory usage details of VMs that belong to the host. The User Defined Field tab allows you to update the user defined values.</p>
View Virtual Machines	<p>The list view shows the operational status, host name, operating system, monitoring status, discovery source, alarm (maximum severity) and alarm count of the VM.</p> <p>To view the above details, choose Columns in the Settings icon and select the columns to be shown in the List View.</p>	<p>Click the VM name in the List View to view the properties of the VM.</p> <p>You can view the performance metrics of VM and its parent host and cluster. The performance metrics of VM shows a graphical representation of CPU, memory, disk and network usage. The performance metrics of parent host shows a graphical representation of CPU, memory and network usage. The performance metrics of parent cluster shows a graphical representation of CPU and memory usage.</p> <p>In the detailed view, you can also see the Virtual Machine General, Hosts General, Alarm and User Defied Field tabs.</p> <p>The Virtual Machine General tab shows the properties of VM. The Host General tab shows physical server details if the host is installed on a UCS blade server. The Alarm tab shows the operational status, CPU and memory usage details of the VM. The User Defined Field tab allows you to update the user defined attributes that store additional information about devices, such as device location attributes.</p>

Table 27-2 Compute Devices Tasks (continued)

Task	List View	Detailed View
View Physical Servers	This view shows UCS blade server information such as server ID, device name, device IP address, operational status, cores, and memory.	Click the arrow near the server ID to view the blade server details.
View Cisco UCS Servers	View basic device information such as device name, device type, IP address, reachability status, and alarm count.	Click the arrow near the UCS device name to open the schematic that shows the inter-connections of the UCS chassis and blades and the up/down status of chassis and blade servers.

Related Topics

- [Creating User Defined UCS Groups](#)
- [Creating User Defined Hosts and VMs](#)

Creating User Defined UCS Groups

In addition to viewing the compute device details, you can also create user defined UCS sub-groups. Hover your mouse over the expand icon next to User Defined UCS and click **Add SubGroup**. See *Creating Device Groups* in Related Topics. However, these User Defined UCS group is not reflected in **Monitor > Monitoring Tools > Alarms and Events**.

Related Topics

- [Creating User Defined Hosts and VMs](#)

Creating User Defined Hosts and VMs

You can create user defined Hosts and VMs Sub-groups similar to device groups. Hover your mouse over the expand icon next to User Defined Hosts and VMs and click **Add SubGroup**. See *Creating Device Groups* in Related Topics. However, these User Defined Hosts and VMs group are reflected in **Monitor > Monitoring Tools > Alarms and Events** to monitor the alarms or events from any member of this group.

Related Topics

- [Creating User Defined UCS Groups](#)