Managing the Chassis

This chapter includes the following sections:

Chassis Management in Cisco UCS Manager GUI

You can manage and monitor all chassis in a Cisco UCS instance through Cisco UCS Manager GUI.

Acknowledging a Chassis

Perform the following procedure if you increase or decrease the number of links that connect the chassis to the fabric interconnect. Acknowledging the chassis ensures that Cisco UCS Manager is aware of the change in the number of links and that traffics flows along all available links.

Procedure

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

Step 2   On the **Equipment** tab, expand **Equipment ➤ Chassis**.

Step 3   Choose the chassis that you want to acknowledge.

Step 4   In the **Work** pane, click the **General** tab.

Step 5   In the **Actions** area, click **Acknowledge Chassis**.

Step 6   If Cisco UCS Manager displays a the confirmation dialog box, click **Yes**.

Cisco UCS Manager disconnects the chassis and then rebuilds the connections between the chassis and the fabric interconnect or fabric interconnects in the system.

Removing a Chassis

This procedure removes the chassis from the configuration. As long as the chassis physically remains in the Cisco UCS instance, Cisco UCS Manager considers the chassis to be decommissioned and ignores it.

Procedure

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

Step 2   On the **Equipment** tab, expand **Equipment ➤ Chassis**.

Step 3   Choose the chassis that you want to remove.

Step 4   In the **Work** pane, click the **General** tab.

Step 5   In the **Actions** area, click **Remove Chassis**.

Step 6   If Cisco UCS Manager displays a confirmation dialog box, click **Yes**.
The removal may take several minutes to complete. After the chassis has been removed from the configuration, Cisco UCS Manager adds the chassis to the **Decommissioned** tab.

Recommissioning a Chassis

This procedure returns the chassis to the configuration and applies the chassis discovery policy to the chassis.

Procedure

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

Step 2   In the **Equipment** tab, expand the **Equipment** node.

Step 3   Click the **Chassis** node.

Step 4   In the **Work** pane, click the **Decommissioned** tab.

Step 5   Right-click the chassis you want to enable and choose **Recommission**.

Step 6   If Cisco UCS Manager displays a confirmation dialog box, click **Yes**.
This procedure may take several minutes to complete. After the chassis has been recommissioned,Cisco UCS Manager runs the chassis discovery policy and adds the chassis to the list in the **Navigation** pane.

Toggling the Locator LED

Turning on the Locator LED for a Chassis

Procedure

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

Step 2 On the **Equipment** tab, expand **Equipment ➤ Chassis**.

Step 3 Click the chassis that you need to locate.

Step 4 In the **Work** pane, click the **General** tab.

Step 5 In the **Actions** area, click **Turn on Locator LED**.
This action is not available if the locator LED is already turned on.

The LED on the chassis starts flashing.

Turning off the Locator LED for a Chassis

Procedure

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

Step 2 On the **Equipment** tab, expand **Equipment ➤ Chassis**.

Step 3 Choose the chassis for which you want to turn off the locator LED.

Step 4 In the **Work** pane, click the **General** tab.

Step 5 In the **Actions** area, click **Turn off Locator LED**.
This action is not available if the locator LED is already turned off.

The LED on the chassis stops flashing.

Monitoring a Chassis

Tip To monitor an individual component in a chassis, expand the node for that component.

Procedure

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

Step 2   On the **Equipment** tab, expand **Equipment** ➤ **Chassis**.

Step 3   Click the chassis that you want to monitor.

Step 4   Click one of the following tabs to view the status of the chassis:

Option	Description
General tab	Provides an overview of the status of the chassis, including a summary of any faults, a summary of the chassis properties, and a physical display of the chassis and its components.
Servers tab	Displays the status and selected properties of all servers in the chassis.
Service Profiles tab	Displays the status of the service profiles associated with servers in the chassis.
IO Modules tab	Displays the status and selected properties of all IO modules in the chassis.
Fans tab	Displays the status of all fan modules in the chassis.
PSUs	Displays the status of all power supply units in the chassis.
Hybrid Display tab	Displays detailed information about the connections between the chassis and the fabric interconnects. The display has an icon for the following: • Each fabric interconnect in the system • The I/O module (IOM) in the selected chassis, which is shown as an independent unit to make the connection paths easier to see • The selected chassis showing the servers and PSUs
Slots tab	Displays the status of all slots in the chassis.
Installed Firmware tab	Displays the current firmware versions on the IO modules and servers in the chassis. You can also use this tab to update and activate the firmware on those components.
Faults tab	Provides details of faults generated by the chassis.
Events tab	Provides details of events generated by the chassis.
FSM tab	Provides details about and the status of FSM tasks related to the chassis. You can use this information to diagnose errors with those tasks.
Statistics tab	Provides statistics about the chassis and its components. You can view these statistics in tabular or chart format.

Option	Description
Temperatures tab	Provides temperature statistics for the components of the chassis. You can view these statistics in tabular or chart format.
Power tab	Provides power statistics for the components of the chassis. You can view these statistics in tabular or chart format.

Viewing the POST Results for a Chassis

You can view any errors collected during the Power On Self-Test process for all servers and adapters in a chassis.

Procedure

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

Step 2   On the **Equipment** tab, expand **Equipment ➤ Chassis**.

Step 3   Choose the chassis for which you want to view the POST results.

Step 4   In the **Work** pane, click the **General** tab.

Step 5   In the **Actions** area, click **View POST Results**.
The **POST Results** dialog box lists the POST results for each server in the chassis and its adapters.

Step 6   (Optional) Click the link in the **Affected Object** column to view the properties of that adapter.

Step 7   Click **OK** to close the **POST Results** dialog box.