



Managing the Chassis

This chapter includes the following sections:

- [Acknowledging a Chassis, page 1](#)
- [Decommissioning a Chassis, page 2](#)
- [Removing a Chassis, page 2](#)
- [Recommissioning a Chassis, page 3](#)
- [Toggling the Locator LED, page 3](#)

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

	Command or Action	Purpose
Step 1	UCS-A# acknowledge chassis <i>chassis-num</i>	Acknowledges the specified chassis.
Step 2	UCS-A# commit-buffer	Commits the transaction to the system configuration.

The following example acknowledges chassis 2 and commits the transaction:

```
UCS-A# acknowledge chassis 2  
UCS-A* # commit-buffer  
UCS-A #
```

Decommissioning a Chassis

This procedure decommissions the chassis and deletes it from the Cisco UCS configuration. The chassis hardware physically remains in the Cisco UCS instance. However, Cisco UCS ignores it and does not list it with the other commissioned chassis.

Procedure

	Command or Action	Purpose
Step 1	UCS-A# decommission chassis <i>chassis-num</i>	Decommissions the specified chassis.
Step 2	UCS-A# commit-buffer	Commits the transaction to the system configuration.

The decommission may take several minutes to complete.

The following example decommissions chassis 2 and commits the transaction:

```
UCS-A# decommission chassis 2
UCS-A* # commit-buffer
UCS-A # show chassis

Chassis:
  Chassis   Overall Status   Admin State
  -----
           1 Operable           Acknowledged
           2 Accessibility Problem   Decommission
UCS-A #
```

Removing a Chassis

Before You Begin

Physically remove the chassis before performing the following procedure.

Procedure

	Command or Action	Purpose
Step 1	UCS-A# remove chassis <i>chassis-num</i>	Removes the specified chassis.
Step 2	UCS-A# commit-buffer	Commits the transaction to the system configuration.

The removal may take several minutes to complete.

The following example removes chassis 2 and commits the transaction:

```
UCS-A# remove chassis 2
UCS-A* # commit-buffer
UCS-A #
```

Recommissioning a Chassis

This procedure returns the chassis to the configuration and applies the chassis discovery policy to the chassis. After this procedure, you can access the chassis and any servers in it.

Before You Begin

Collect the following information about the chassis to be recommissioned:

- Vendor name
- Model name
- Serial number

Procedure

	Command or Action	Purpose
Step 1	UCS-A# recommission chassis <i>vendor-name</i> <i>model-name serial-num</i>	Recommissions the specified chassis.
Step 2	UCS-A# commit-buffer	Commits the transaction to the system configuration.

The following example recommissions a Cisco UCS 5108 chassis and commits the transaction:

```
UCS-A# show chassis
```

```
Chassis:
  Chassis      Overall Status      Admin State
  -----
  1 Accessibility Problem  Decommission
```

```
UCS-A# recommission chassis "Cisco Systems Inc" "Cisco UCS 5108" FOX1252GNNN
UCS-A* # commit-buffer
UCS-A #
```

Toggling the Locator LED

Turning On the Locator LED for a Chassis

Procedure

	Command or Action	Purpose
Step 1	UCS-A# scope chassis <i>chassis-num</i>	Enters chassis mode for the specified chassis.
Step 2	UCS-A /chassis # enable locator-led	Turns on the chassis locator LED.

	Command or Action	Purpose
Step 3	UCS-A /chassis # commit-buffer	Commits the transaction to the system configuration.

The following example turns on the locator LED for chassis 2 and commits the transaction:

```
UCS-A# scope chassis 2
UCS-A /chassis # enable locator-led
UCS-A /chassis* # commit-buffer
UCS-A /chassis #
```

Turning Off the Locator LED for a Chassis

Procedure

	Command or Action	Purpose
Step 1	UCS-A# scope chassis <i>chassis-num</i>	Enters chassis mode for the specified chassis.
Step 2	UCS-A /chassis # disable locator-led	Turns off the chassis locator LED.
Step 3	UCS-A /chassis # commit-buffer	Commits the transaction to the system configuration.

The following example turns off the locator LED for chassis 2 and commits the transaction:

```
UCS-A# scope chassis 2
UCS-A /chassis # disable locator-led
UCS-A /chassis* # commit-buffer
UCS-A /chassis #
```