Managing Cisco Services

This chapter contains the following sections:

Displaying the Status of Your Services

The Display Services option displays all executed services. The Display Services option also displays the status of any associated databases and disks.

- Broker - An ActiveMQ JMS broker used for inter-process communication using JMS messages. All infra services use the broker to communicate between them.

- Controller

- Eventmgr

- Client

- Idaccessmgr - Provides authentication service for Cisco UCS Director users (local, AD imported through LDAP). When you log in through the GUI, tomcat receives the login request and queries idaccessmgr to authenticate the user.

- Inframgr - The back-end server that proves APIs over JMS and REST. Tomcat (GUI) uses these back-end APIs.

- Websock - VNC proxy. Cisco UCS Director provides browser-based VNC access to the VM console. The websock service acts as a VNC proxy to the VM console.

- Tomcat - Hosts Cisco UCS Director GUI web app.

- Flashpolicyd

Note Ensure that all of the above services are up and operating. If a service is not executed on Cisco UCS Director, restart the service through the shell client.

From the Cisco UCS Director Shell menu, choose the `Display Service Status` option and press `Enter`.

The following information is displayed.

```
Enter selection [0 to exit]: 2
Service         State      PID        %CPU %MEM    tELAPSED #Threads
-------------   -------    --------    ------------------------------------
broker          UP         14338       0.4  1.1      44:58 31
controller      UP         14517       0.3  1.3      44:11 74
eventmgr        UP         14738       2.0  3.5      43:24 96
idaccessmgr     UP         14939       1.7  3.2      43:17 96
inframgr        UP         15138      25.2 23.0      43:08 463
websock         UP         15231       0.0  0.0      43:02 1
connectormgr    UP         15383       1.4  2.4      42:54 52
tomcat          UP         15477       3.0  4.2      42:47 56
flashpolicyd    UP         15501       0.0  0.0      42:32 1
mariadbd        UP         13754      41.0 10.7      45:08 83

Database        IP Address        State      Client          Connections
-------------   ------------      --------   --------------  ------------
infradb         127.0.0.1         UP         127.0.0.1       66

Volume                  Mounted on     Size     Used      Available    %Use     Usage
--------------------    -------------  -------  --------  ---------    ------   -------------
/dev/mapper/almalinux-root    /           94G      14G       76G          16%      NORMAL
/dev/sda1               /boot          976M     123M      787M         14%      NORMAL
infradb_vg-infradb_lv   /infradb       99G      5.2G      94G          6%       NORMAL

Press return to continue ...
```

Note   The corresponding status and process ID (PID) of each service is also displayed in the menu. In a multi-node setup, the status is also displayed for any inventory databases or monitoring databases.

Stopping Cisco Services

You can stop all Cisco services that are part of the Cisco UCS Director appliance by choosing `Stop Services`. You can verify that all services are stopped by choosing `Display Service Status`.

Step 1   From the Cisco UCS Director Shell menu, choose `Stop Services`.

Step 2   Press `Enter`.

The following information displays:

```
Do you want to stop services [y/n]? : y
Stopping service broker...              [ OK ]
Stopping service controller...          [ OK ]
Stopping service eventmgr...            [ OK ]
Stopping service client...              [ OK ]
Stopping service idaccessmgr...         [ OK ]
Stopping service inframgr...            [ OK ]
Stopping service websock...             [ OK ]
Stopping service tomcat...              [ OK ]
```

```
Stopping service flashpolicyd...          [ OK ]
Press return to continue ...
```

Step 3   Press **Enter** to complete the procedure.

Starting Cisco Services

You can execute all services that are part of Cisco UCS Director by choosing **Start Services**.

After using this option, you can choose **Display Service Status** to verify that all services are executed.

✎

Note   Services started in the background are not displayed.

Step 1   From the Cisco UCS Director Shell menu, choose **Start Services**.

The following information is displayed:

```
Services are being started. Use "Display Services Status" option to check the status
Press return to continue ...
```

Step 2   Press **Enter** to complete the process.

Step 3   Choose **Display Service Status** to verify that the services are executed.