CIMC Sessions Management

- [CIMC Session Management, on page 1](#)

CIMC Session Management

You can view and close any KVM, vMedia, and SOL sessions in Cisco UCS Manager. If you have administrator privileges, you can discontinue the KVM, vMedia, and SoL sessions of any user. . Cisco Integrated Management Controller (CIMC) provides session information to Cisco UCS Manager. When Cisco UCS Manager gets an event from CIMC, it updates its session table and displays the information to all users.

The session information consists of the following information:

- Name—The name of the user who launched the session.

- Session ID—The ID associated with the session. The format of the session ID for blades is [unique identifier] _ [chassis id] _ [Blade id]. The format of the session ID for racks is [unique identifier] _ 0 _ [Rack id].

- Type of session—KVM, vMedia, or SoL.

- Privilege level of the user—Read-Write, Read Only, or Granted.

- Administrative state—Active or Inactive. The value is active if the session is active. The value is inactive if the session terminate command has been issued but the session has not been terminated. This situation occurs when FSM of the server is in progress with another operation or when the connectivity to CIMC is lost.

- Source Address—The IP address of the computer from which the session was opened.

- Service Profile—The service profile associated with the session. The service profile attribute value for a CIMC session is displayed only if the session is opened on an IP address that is provided from the service profile.

- Server—The name of the server associated with the session.

- Login time—The date and time the session started.

- Last Update Time—The last time the session information was updated by CIMC.

A new session is generally added when a user connects to KVM, vMedia, or SOL. A Pnuos vMedia session will be displayed in the session table during the server discovery with the user name __vmediausr__.

The CIMC session data is available under the **CIMC Sessions** tab in Cisco UCS Manager GUI. Any CIMC session terminated by the user is audit logged with proper details.

Note To perform the GUI and CLI tasks that are described in this guide, a CIMC image version of 2.1(2a) or above is required for the session management support for the blade servers. The latest CIMC image version of 1.5(1l) and above is required for the rack-servers.

Viewing All Open CIMC Sessions

This task describes one way to view all CIMC sessions opened globally on Cisco UCS Manager. You can view CIMC sessions of all servers opened by local, remote, or IPMI users in a single page.

Procedure

Step 1   In the **Navigation** pane, click **Admin** > **User Management** > **User Services**.

Step 2   In the **Work** pane, click the **CIMC Sessions** tab.

Viewing the CIMC Sessions of a Server

This task describes how to view the CIMC sessions of a specific server. You can view the CIMC sessions opened on the server and the service profile.

Procedure

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

Step 2   Expand **Chassis** > **Chassis Number** > **Servers** > *Server Number*.

Step 3   In the **Work** pane, click the **CIMC Sessions** tab.

Viewing the CIMC Sessions of a Service Profile

This task describes how to view the CIMC sessions of a specific service profile.

Note A CIMC session will only be displayed under a service profile if the session was opened on an IP address provided from that service profile.

Procedure

Step 1 In the **Navigation** pane, click **Servers**.

Step 2 Expand **Servers** > **Service Profiles** > **Root** > *Service Profile Name*.

Step 3 In the **Work** pane, click the **CIMC Sessions** tab.

Viewing the CIMC Sessions Opened by a Local User

This task describes how to view CIMC sessions opened by a local user.

Procedure

Step 1 In the **Navigation** pane, click **Admin** > **User Management** > **User Services** > **Locally Authenticated Users** > *User Name*

Step 2 In the **Work** pane, click the **CIMC Sessions** tab.

Viewing the CIMC Sessions Opened by a Remote User

This task describes how to view CIMC sessions opened by a remote user.

Procedure

Step 1 In the **Navigation** pane, click **Admin**.

Step 2 Under **Admin**, expand **User Management** > **User Services** > **Remotely Authenticated Users** > *User Name*.

Step 3 In the **Work** pane, click the **CIMC Sessions** tab.

Clearing All Open CIMC Sessions

This task describes how to clear all open CIMC sessions. You can clear the CIMC sessions of all servers and service-profiles opened by the local, remote, or IPMI users.

Procedure

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

Step 2 On the **Admin** tab, click **User Management**.

Step 3 In the **Work** pane, click the **CIMC Sessions** tab.

Step 4 Select the CIMC sessions you want to clear, right-click, and select **Clear CIMC Session**.

Step 5 If the Cisco UCS Manager GUI displays a confirmation dialog box, click **Yes**.

Clearing the CIMC Sessions of a Server

This task describes how to clear the CIMC session of a server. You can clear one or more CIMC sessions that are opened on a server.

Procedure

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

Step 2 On the **Equipment** tab, expand **Servers** > *Server Name*.

Step 3 In the **Work** pane, click the **CIMC Sessions** tab.

Step 4 Select the CIMC sessions that you want to clear, right-click, and select **Clear CIMC Session**.

Step 5 If the Cisco UCS Manager GUI displays a confirmation dialog box, click **Yes**.

Clearing the CIMC Sessions of a Service Profile

This task describes how to clear the CIMC sessions of a service profile. You can clear one or more CIMC sessions opened with an IP address provided on the service-profile.

Procedure

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

Step 2 On the **Servers** tab, expand **Servers** > **Service Profiles** > **root** > *Service Profile Name*.

Step 3 In the **Work** pane, click the **CIMC Sessions** tab.

Step 4 Select the CIMC sessions that you want to clear, right-click, and select **Clear CIMC Session**.

Step 5 If the Cisco UCS Manager GUI displays a confirmation dialog box, click **Yes**.

Clearing the CIMC Sessions of a Local User

This task describes how to clear the CIMC sessions of a local user. You can clear one or more CIMC sessions opened by a local user.

Procedure

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

Step 2 On the **Admin** tab, expand **User Services** > **Locally Authenticated Users** > *User Name*.

Step 3 In the **Work** pane, click the **General** tab.

Step 4	Under the **General** tab, expand the **CIMC Sessions** section.
Step 5	Select the CIMC sessions you want to clear, right-click, and select **Clear CIMC Session**.
Step 6	If the Cisco UCS Manager GUI displays a confirmation dialog box, click **Yes**.

Clearing the CIMC Sessions of a Remote User

This task describes how to clear the CIMC sessions of a remote user. You can clear one or more CIMC sessions opened by a remote user.

Procedure

Step 1	In the **Navigation** pane, click **Admin**.
Step 2	Expand **User Management** > **User Services** > **Remotely Authenticated Users** > *User Name*.
Step 3	In the **Work** pane, click the **General** tab.
Step 4	Under the **General** tab, expand the **CIMC Sessions** section.
Step 5	Select the CIMC sessions that you want to clear, right-click, and select **Clear CIMC Session**.
Step 6	If the Cisco UCS Manager GUI displays a confirmation dialog box, click **Yes**.