Remote Management

This chapter includes the following sections:

Remote Management

Remote management options in Cisco UCS Central enables you to manage the physical devices such as the **Chassis**, **Servers**, **Fabric Interconnect** and **FEX**es in the registered UCS domains from both Cisco UCS Central GUI and CLI.

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Important
- If you want to perform any of the remote management operation in the registered UCS domains, make sure the remote operation feature is enabled in the UCS domains.
- When you perform any of these remote operations, Cisco UCS Central initiates a configuration request to the UCS domain. This might take about 30 seconds. Make sure to wait for 30 seconds before you check for the changes based on your remote operation.

Using remote management capability you can do the following:

- **Acknowledge**, **Decommission**, and **Recommission** chassis.
- Perform **Server Maintenance** tasks such as **Decommission**, **Recommission**, **Remove** and **Re-acknowledge** blade and rack-mount servers.
- **Launch KVM Console**, **Boot up**, **Shutdown**, **Reset**, **Recover**, and perform diagnostic interrupt on Fabric Extenders (FEX), blade, and rack-mount servers.
- Turn on/off Locator LED for chassis, blade and rack-mount servers, Fabric Interconnects (FI) and FEXes.

• Create and download **Tech Support Files** from the registered UCS domains.

If the servers are associated to a local or global service profile, you can do the following remote management actions on the associated server from the service profiles:

- **Launch KVM Console**, **Boot up**, **Shutdown**, **Reset**, and **Recover** blade and rack-mount servers for blade and rack servers associated with Global Service Profiles.

- **Launch KVM Console**, **Boot up**, **Shutdown**, **Reset**, and **Recover** blade and rack-mount servers blade and rack servers associated with Local Service Profiles.

Important   Make sure you are aware of the guidelines and recommendation to manage the physical devices in the registered Cisco UCS domains. For specific guidelines on physical device operations and server maintenance, see the following sections **Managing the Chassis**, **Managing Blade Servers**, **Managing Rack-Mount Servers** and **Managing I/O Modules** in Cisco UCS Manager GUI and CLI Configuration guides:
http://www.cisco.com/en/US/products/ps10281/products_installation_and_configuration_guides_list.html

Performing Blade Server Maintenance from Cisco UCS Central

You can perform any one of the following maintenance actions on the blade server using **Server Maintenance**:

- **Remove**

- **Decommission**

- **Re-acknowledge**

Note   This procedure describes the process to perform this task from **Domains** > **Equipments** > **UCS Domains** > **Chassis** > **Servers**. If you the server is in a domain that is places in a domain group, expand **Domain Groups** to find the domain . If not find the domain from the **Ungrouped Domains**.

Procedure

Step 1   From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2   In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain where the blade server is associated.

Step 3   In the navigation pane, expand the UCS Domain name and expand **Chassis** > **Servers**.
The work pane lists the rack-mount servers associated with this domain.

Step 4   From the list of servers, click on the server to display **Server Maintenance** on the menu bar.

Step 5   Click **Server Maintenance** to launch the **Maintenance Server** dialog box.

Step 6   Select one radio button from the three such as **Remove**, **Decommission** or **Re-acknowledge**, to perform the maintenance task you want on this server.

If you select **Decommission**, after the decommissioning is complete, the server is moved to **Decommissioned** tab.

Note Decommissioning may take sometime. Wait until the **decommissioning** status disappears to find the server in the Decommissioned tab.

Step 7 Click **OK**. System displays a confirmation message on successful completion of the maintenance task.

Booting up a Server

You can boot up a server from the **Servers** node for both blade and rack-mounts, where the **Work** pane lists all of the servers or at the specific server level from the list of servers in the **Navigation** pane. This procedure describes the process to boot up the server at the specific server level.

Note If this server is associated with the service profile, you can boot up the server from the local or global service profile.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the server is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Chassis** > **Server**.
   Note For a rack-mount server, expand**Rack-Mounts** >
      Servers

Step 4 In the **Navigation** pane click on the **Server**Number.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Boot Up Server**.

Step 6 Click OK in the **Boot Up Server** dialog box.

Shutting Down a Server

You can shutdown a server from the **Servers** node for both blade and rack-mounts, where the **Work** pane lists all of the servers or at the specific server level from the list of servers in the **Navigation** pane. This procedure describes the process to shutdown the server at the specific server level.

Note If this server is associated with the service profile, you can shutdown for this server from the local or global service profile.

Procedure

Step 1	From **Domains** tab, click **Equipment** > **UCS Domains**.
Step 2	In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the server is associated.
Step 3	In the **Navigation** pane, expand the UCS domain name and expand **Chassis** > **Server**. **Note** For a rack-mount server, expand**Rack-Mounts** > **Servers**
Step 4	In the **Navigation** pane click on the **Server**Number.
Step 5	In the **Work** pane, **General** > **Actions** area, click **Shutdown Server**.
Step 6	In the **Shutdown Server** dialog box, check mark the **Gracefully Shutdown OS** checkbox .

Resetting a Server

You can reset a server from the **Servers** node for both blade and rack-mounts, where the **Work** pane lists all of the servers or at the specific server level from the list of servers in the **Navigation** pane. This procedure describes the process to reset a server at the specific server level.

Note   If this server is associated with the service profile, you can reset this server from the local or global service profile.

Procedure

Step 1	From **Domains** tab, click **Equipment** > **UCS Domains**.
Step 2	In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the server is associated.
Step 3	In the **Navigation** pane, expand the UCS domain name and expand **Chassis** > **Server**. **Note** For a rack-mount server, expand**Rack-Mounts** > **Servers**
Step 4	In the **Navigation** pane click on the **Server**Number.
Step 5	In the **Work** pane, **General** > **Actions** area, click **Reset Server**.
Step 6	In the **Reset Server** dialog box, click OK.
Step 7	In the **Do you want to reset the selected servers?** dialog box, select one of the applicable option, such as **Power Cycle**, **Gracefully restart OS** or **Wait for completion of outstanding UCS tasks on this server** and click **OK**.
Step 8	Cisco UCS Central initiates the power reset task on the selected server and **Reset Server** dialog box displays a message that reset operation had successfully started. **Note**

Recovering a Server

You can recover a server from the **Servers** node for both blade and rack-mounts, where the **Work** pane lists all of the servers or at the specific server level from the list of servers in the **Navigation** pane. This procedure describes the process to recover a server at the specific server level.

Note If this server is associated with the service profile, you can recover server from the local or global service profile.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the server is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Chassis** > **Server**.
Note For a rack-mount server, expand**Rack-Mounts** >
Servers

Step 4 In the **Navigation** pane click on the **Server**Number.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Recover Server**.

Step 6 In the **Recover Server** dialog box, select one of the appropriate options, such as **Reset CIMC (Server Controller)**, **Reset KVM Server**, **Reset CMOS**.
If you select **Reset CMOS** Cisco UCS Central displays a server reboot warning. Other options display a confirmation dialog box.

Step 7 Click **OK** to initiate the server recovery process.

Acknowledging a Chassis

You can acknowledge a chassis from the **Chassis** node where the **Work** pane lists all of the chassis or at the specific chassis level from the list of chassis in the **Navigation** pane. This procedure describes the process to acknowledge the chassis at the specific chassis level.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the Chassis is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Chassis**.

Step 4 In the **Navigation** pane click on the **Chassis**Number.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Acknowledge Chassis**.

Step 6 In the **Acknowledge Chassis** dialog box, click **OK**.

A pop-up dialog box displays a confirmation message after the chassis is acknowledged.

Decommissioning a Chassis

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain where the Chassis is associated.

Step 3 In the **Navigation** pane, click **Chassis**.
Work pane displays the list of **Chassis** in the selected UCS Domain.

Step 4 Click on the **Chassis ID** you want to decommission to enable the **Decommission Chassis** option on the menu bar.

Step 5 In the **Decommission Chassis** confirmation message dialog box, click **OK**.
Status column displays **decommissioning** to indicate the decommissioning has started. After the decommission is complete, the Chassis is moved to the **Decommissioned** tab.

> **Note** Decommissioning may take sometime. Wait until the **decommissioning** status disappears to find the chassis in the **Decommissioned** tab.

Turning on or off Chassis Locator LED

You can turn on the chassis locator LED from the **Chassis** node where the **Work** pane lists all of the chassis or at the specific chassis level from the list of chassis in the **Navigation** pane. This procedure describes the process to turn on the chassis LED at the specific Chassis level.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the Chassis is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Chassis**.

Step 4 In the **Navigation** pane click on the **Chassis**Number.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Turn on Locator LED** or **Turn off Locator LED**.

Step 6 In **Toggle Locator LED** dialog box, click **OK**.

Recommissioning Servers or Chassis

When you decommission a chassis, blade server or a rack-mount server, the decommissioned objects are moved to the **Decommissioned** tab in the respective nodes such as **Chassis**, **Chassis** > **Servers** or **Rack-Mounts** > **Servers**.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the Chassis is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Chassis** or **Chassis** > **Servers** or **Rack-Mounts** > **Servers** .

Step 4 In the **Work** pane, click **Decommissioned** tab to display the list of decommissioned servers or chassis.

Step 5 Click on the the chassis or server from the list to display **Recommission** on the menu bar.

Step 6 Click **Recommission** and in the **Recommission Server** pop-up dialog box, click **OK**.

Step 7 Click **OK** in the pop-up dialog box displays that recommission has started.

Note   Recommissioning takes time. After the server or chassis is successfully recommissioned, it is removed from the **Decommissioned** tab. You can view the server or chassis in the **Status** tab.

Turning on or off Fabric Interconnect Locator LED

You can turn on the FI locator LED from the **Fabric Interconnects** node where the **Work** pane lists all of the FIs or at the specific FI level from the list of FIs in the **Navigation** pane. This procedure describes the process to turn on the FI LED at the specific FI level.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the Chassis is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Fabric Interconnects**.

Step 4 In the **Navigation** pane click on the **Fabric Interconnect**name.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Turn on Locator LED** or **Turn off Locator LED**.

Step 6 In **Toggle Locator LED** dialog box, click **OK**.

Performing Rack Mount Server Maintenance from Cisco UCS Central

You can perform any one of the following maintenance actions on the rack server **Server Maintenance**:

- **Remove**
- **Decommission**
- **Re-acknowledge**

> ✎ **Note**   This procedure describes the process to perform this task from **Domains** > **Equipments** > **UCS Domains** > **Rack-Mounts** > **Servers**. If you the server is in a domain that is places in a domain group, expand **Domain Groups** to find the domain . If not find the domain from the **Ungrouped Domains**.

Procedure

Step 1   From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2   In the **Navigation** pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain where the rack mount server is associated.

Step 3   In the **Navigation** pane, expand the UCS Domain name and expand **Rack-Mounts** > **Servers**.
The **Work** pane lists the rack-mount servers associated with this domain.

Step 4   From the list of servers, click on the server to display **Server Maintenance** on the menu bar.

Step 5   Click **Server Maintenance** to launch the **Maintenance Server** dialog box.

Step 6   Select one radio button from the three such as **Remove**, **Decommission** or **Re-acknowledge**, to perform the maintenance task you want on this server.
If you select **Decommission**, after the decommissioning is complete, the server is moved to **Decommissioned** tab.

> **Note**   Decommissioning may take sometime. Wait until the **decommissioning** status disappears to find the server in the **Decommissioned** tab.

Step 7   Click **OK**. System displays a confirmation message on successful completion of the maintenance task.

Acknowledging a Fabric Extender

You can acknowledge a fabric extender from the **Fex** node where the **Work** pane lists all the extenders or at the specific fabric extender level from the list of extenders in the **Navigation** pane. This procedure describes the process to acknowledge the fabric extender at the specific extender level.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the fabric extender is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Fex**.

Step 4 In the **Navigation** pane click on the **Fex**Number.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Acknowledge Fex**.

Step 6 In the **Acknowledge Fex** dialog box, click **OK**.
A pop-up dialog box displays a confirmation message after the fabric extender is acknowledged.

Decommissioning a Fabric Extender

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain where the fabric extender is associated.

Step 3 In the **Navigation** pane, click **Fex**.
Work pane displays the list of fabric extenders in the selected UCS Domain.

Step 4 Click on the **Fex ID** you want to decommission to enable the **Decommission Fex** option on the menu bar.

Step 5 In the **Decommission Fex** confirmation message dialog box, click **OK**.
Status column displays **decommissioning** to indicate the decommissioning has started. After the decommission is complete, the Fex is moved to the **Decommissioned** tab.

> **Note** Decommissioning may take sometime. Wait until the **decommissioning** status disappears to find the fabric extender in the **Decommissioned** tab.

Recommissioning a Fabric Extender

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the fabric extender is associated.

Step 3 In the **Navigation** pane, expand the UCS domain name and expand **Fex**.

Step 4 In the **Work** pane, click **Decommissioned** tab to display the list of decommissioned fabric extenders.

Step 5 Click on the fabric extender from the list to display **Recommission** on the menu bar.

Step 6 Click **Recommission** and in the **Recommission Fex** pop-up dialog box, click **OK**.

Step 7 Click **OK** in the pop-up dialog box displays that recommission has started.

Note Recommissioning takes time. After the fabric extender is successfully recommissioned, it is removed from the **Decommissioned** tab and visible in the **Status** tab.

Removing a Fabric Extender

You can remove a fabric extender from the **Properties**pane in the **General** > **Actions** area.

Procedure

Step 1 From **Domains** tab, click **Equipment** > **UCS Domains**.

Step 2 In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the fabric extender is associated.

Step 3 In the **Navigation** pane, click on the **Fex** tab.

Step 4 In the **Navigation** pane right-click on the **Fex**Number.

Step 5 In the **Work** pane, **General** > **Actions** area, click **Remove Fex**.

Step 6 Click **OK** .

Turning on or off Fabric Extender Locator LED

You can turn on the fabric extender locator LED from the **Fex** node where the **Work** pane lists all fabric extenders or at the specific extender level from the list of extenders in the **Navigation** pane. This procedure describes the process to turn on the fabric extender LED at the specific extender level.

Procedure

Step 1	From **Domains** tab, click **Equipment** > **UCS Domains**.
Step 2	In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the fabric extender is associated.
Step 3	In the **Navigation** pane, expand the UCS domain name and expand **Fex**.
Step 4	In the **Navigation** pane click on the **Fex**Number.
Step 5	In the **Work** pane, **General** > **Actions** area, click **Turn on Locator LED** or **Turn off Locator LED**.
Step 6	In **Toggle Locator LED** dialog box, click **OK**.

Remote Tech Support for UCS Domains

You can collect tech support files for registered UCS domains from Cisco UCS Central. Collecting remote tech support includes the following:

- **Create tech support files**: You can create tech support files for each registered UCS domains using both Cisco UCS Central GUI and CLI.

- **Download created files**: Download the created tech support file to view information.

> **Note** You can download the tech support file only from the Cisco UCS Central GUI.

Creating a Tech Support File for a UCS Domain

From the registered Cisco UCS domains, you can collect a full set of tech support files for options corresponding to "ucsm" in Cisco UCS Manager.

Procedure

Step 1	From **Domains** > **Equipment** tab, expand **UCS Domains**.
Step 2	In the **Navigation** pane, expand **Domain Group root** or **Ungrouped Domain**, locate and click on the UCS domain from where you want to download the tech support files.
Step 3	In the **Work** pane, click **Tech Support Files** tab.
Step 4	On the menu bar, click **Create Tech Support**.
	Create Tech Support dialog box displays a confirmation message that tech support file creation has started. The table displays a file name and the **Overall Status** column displays **in-progress**. When the file creation is complete, The table displays the tech support files that you have created for this domain with details such as **Name**, **Size**, **Overall Status**and **URI**.
	Note After clicking **Create Tech Support**, you cannot cancel the operation.

What to Do Next

If you want to review the information in the tech support file, download the file to your local system. See

Downloading a Domain Tech Support File

Procedure

Step 1	From **Domains** > **Equipment** tab, expand **UCS Domains**.
Step 2	In the **Navigation** pane, expand **Domain Group root** or **Ungrouped Domain**, locate and click on the UCS domain from where you want to download the tech support files.
Step 3	In the **Work** pane, click **Tech Support Files** tab. The table displays a list of available tech support files that you have created for this domain with details such as **Name**, **Overall Status**, **Size**, and **URI**.
Step 4	Click on the tech support file you want to download. This enables the **Delete**, **Download** and **Properties** options on the menu bar. **Note** If you have just initiated the create tech support file process, wait until the **Overall Status** changes from **in-progress** to **available**. You can download a tech support file only when the **Overall Status** displays **available**.
Step 5	Click **Download**. If this is the first time Cisco UCS Central accesses this UCS domain to download the tech support files, do the following: a) The system displays a **UCSM Communications** error dialog box, select to accept the certificate. In **Add Security Exception** dialog box, click **Confirm Security Exception**. b) In the Cisco UCS Manager **Login** panel, enter the login credentials for this UCS domain.
Step 6	A pop-up dialog box with the file name **.tar** extension displays the options to **Open with** or **Save file**.
Step 7	Click **Save file** to save it to your local system or select a program in the drop down option to open and view the tech support file.

Deleting a UCS Domain Tech Support File

Procedure

Step 1	From **Domains** > **Equipment** tab, expand **UCS Domains**.
Step 2	In the **Navigation** pane, expand **Domain Group root** or **Ungrouped Domain**, locate and click on the UCS domain from where you want to download the tech support files.
Step 3	In the **Work** pane, click **Tech Support Files** tab.

The table displays a list of available tech support files that you have created for this domain with details such as **Name**, **Overall Status**, **Size**, and **URI**.

Step 4   Click on the tech support file you want to delete.
This enables the **Delete**, **Download** and **Properties** options on the menu bar.

Step 5   Click **Delete**.

Step 6   In the **Confirmation** dialog box, click **OK**.
A pop-up message displays that system has initiated the delete process.

KVM Console

You can access the KVM console for any server that has been properly configured in a registered Cisco UCS domain from Cisco UCS Central GUI.

The KVM console is an interface accessible from the KVM Launch Manager that emulates a direct KVM connection. This allows you to connect to the server from a remote location across the network.

The KVM console uses the CIMC IP address assigned to a server or a service profile to identify and connect with the correct server in a Cisco UCS domain. You must ensure that either the server or the service profile associated with the server is configured with an IP address if you want to use the KVM console to access the server.

Instead of using CD/DVD or floppy drives directly connected to the server, the KVM console uses virtual media, which are actual disk drives or disk image files that are mapped to virtual CD/DVD or floppy drives. You can map any of the following to virtual drives:

- CD/DVD or floppy drives on your computer

- Disk image files on your computer

- CD/DVD or floppy drives on the network

- Disk image files on the network

Launching KVM Console from the Servers

You can start the KVM console from the **Servers** node for both blade and rack-mounts, where the **Work** pane lists all of the servers or at the specific server level from the list of servers in the **Navigation** pane. This procedure describes the process to launch the KVM console at the specific server level.

Note   If this server is associated with the service profile, you can launch the KVM console for this server from the local or global service profile.

Procedure

Step 1	From **Domains** tab, click **Equipment** > **UCS Domains**.
Step 2	In the navigation pane, expand **Domain Groups** or **Ungrouped Domains** as applicable to find the UCS domain name where the server is associated.
Step 3	In the **Navigation** pane, expand the UCS domain name and expand **Chassis** > **Server**.
	Note For a rack-mount server, expand**Rack-Mounts** > **Servers**
Step 4	In the **Navigation** pane click on the **Server**Number.
Step 5	In the **Work** pane, **General** > **Actions** area, click **Launch KVM Console**.
Step 6	In **KVM Console** dialog box, click the appropriate radio button to **Select IP Address** and click **OK**.
	The system checks for any IP addresses assigned to the service profile. If no IP address is assigned to the server in the service profile, then checks the physical server for any assigned IP addresses.
Step 7	If a security alert appears, accept and in the **Add Security Exception** dialog box, click **Yes** to accept the security certificate and continue.
Step 8	In the **Security Warning** click Continue.
Step 9	Enter your Cisco UCS Manager credentials in **KVM Login** to log into the KVM console.
Step 10	Your KVM console opens in a separate window.
	Tip If the Caps Lock key on your keyboard is on when you open a KVM session, and you subsequently turn off your Caps Lock key, the **KVM Console** may continue to act as if Caps Lock is turned on. To synchronize the **KVM Console** and your keyboard, press Caps Lock once without the **KVM Console** in focus and then press Caps Lock again with the **KVM Console** in focus.

Launching KVM Console from the Login Panel

You can start the KVM console for a server from the Cisco UCS Central login panel. LDAP, RBAC and Authentication domain users with sufficient privileges, can launch KVM from the log in panel.

Procedure

Step 1	In Cisco UCS Central login panel, enter your **Username** and **Password**.
Step 2	Click **Launch KVM**.
	This opens a page with a list of servers and service profiles with KVM access in the system.
Step 3	Search for the server for which you want to launch the KVM console.
	You can search for the server in one of the following ways:

- Enter the **Service Profile Name** and click **Search** to find the service profile.

- Click **Organization**, **Domain Group** or **UCS Domain** drop down options to filter and click **Search**.

Note The results page displays only the list of servers that are associated with global and local service profiles.

Step 4 From the displayed list of search results, click and select the server for which you want to launch the KVM console.

Step 5 Click **KVM Console** on the results menu bar.
This opens the **KVM Console** dialog box with and displays the IP address.

Step 6 Click **OK**.

Step 7 If a security alert appears, accept and in the **Add Security Exception** dialog box, click **Yes** to accept the security certificate and continue.

Step 8 In the **Security Warning** click Continue.

Step 9 Enter your Cisco UCS Manager credentials in **KVM Login** to log into the KVM console.

Step 10 Your KVM console opens in a separate window.

    Tip   If the Caps Lock key on your keyboard is on when you open a KVM session, and you subsequently turn off your Caps Lock key, the **KVM Console** may continue to act as if Caps Lock is turned on. To synchronize the **KVM Console** and your keyboard, press Caps Lock once without the **KVM Console** in focus and then press Caps Lock again with the **KVM Console** in focus.