Overview of Cisco UCS Manager GUI

This chapter includes the following sections:

Overview of Cisco UCS Manager GUI

Cisco UCS Manager GUI is the Java application that provides a GUI interface to Cisco UCS Manager. You can start and access Cisco UCS Manager GUI from any computer that meets the requirements listed in the System Requirements section of the Cisco UCS Software Release Notes.

Each time you start Cisco UCS Manager GUI, Cisco UCS Manager uses Java Web Start technology to cache the current version of the application on your computer. As a result, you do not have to download the application every time you log in. You only have to download the application the first time that you log in from a computer after the Cisco UCS Manager software has been updated on a system.

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Tip   The title bar displays the name of the Cisco UCS domain to which you are connected.

Fault Summary Area

The **Fault Summary** area displays in the upper left of Cisco UCS Manager GUI. This area displays a summary of all faults that have occurred in the Cisco UCS domain.

Each type of fault is represented by a different icon. The number below each icon indicates how many faults of that type have occurred in the system. If you click an icon, Cisco UCS Manager GUI opens the **Faults** tab in the **Work** area and displays the details of all faults of that type.

The following table describes the types of faults each icon in the **Fault Summary** area represents:

Fault Type	Description
Critical Alarms	Critical problems exist with one or more components. These issues should be researched and fixed immediately.
Major Alarms	Serious problems exist with one or more components. These issues should be researched and fixed immediately.
Minor Alarms	Problems exist with one or more components that might adversely affect the system performance. These issues should be researched and fixed as soon as possible before they become major or critical issues.
Warning Alarms	Potential problems exist with one or more components that might adversely affect the system performance if they are allowed to continue. These issues should be researched and fixed as soon as possible before they get worse.
Suppression Status field	The state of fault suppression tasks on the component. Click **Suppression Task Properties** in the **Actions** area to view all fault suppression tasks. **Note** This field is displayed only if the component supports fault suppression.

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Tip   If you only want to see faults for a specific object, navigate to that object and then review the **Faults** tab for that object.

Navigation Pane

The **Navigation** pane displays on the left side of Cisco UCS Manager GUI below the **Fault Summary** area. This pane provides centralized navigation to all equipment and other components in the Cisco UCS domain. When you select a component in the **Navigation** pane, the object displays in the **Work** area.

The **Navigation** pane has five tabs. Each tab includes the following elements:

- A **Filter** combo box that you can use to filter the navigation tree to view all nodes or only one node.

- An expandable navigation tree that you can use to access all components on that tab. An icon next to an folder indicates that the node or folder has subcomponents.

Equipment Tab

This tab contains a basic inventory of the equipment in the Cisco UCS domain. A system or server administrator can use this tab to access and manage the chassis, fabric interconnects, servers, and other hardware. A red, orange, or yellow rectangle around a device name indicate that the device has a fault.

The major nodes in this tab are the following:

- **Equipment**—An overview of the entire Cisco UCS domain, including active and decommissioned hardware, firmware management, equipment-related policies, power groups, and an aggregated list of faults.

- **Chassis**—The fans, I/O modules, power supply units (PSUs), and Cisco UCS B-Series blade servers for each chassis in the Cisco UCS domain.

- **Rack-Mounts**—The FEXes and Cisco UCS C-Series rack servers integrated with the Cisco UCS domain.

- **Fabric Interconnects**—The fixed and expansion modules, fans, and PSUs associated with the fabric interconnects in the Cisco UCS domain.

Servers Tab

This tab contains the server-related components, such as service profiles, polices, and pools. A server administrator typically accesses and manages the components on this tab.

The major nodes below the **Servers** node in this tab are the following:

- **Servers**—Service profiles and the relationship between the defined organizations and the service profiles.

- **Service Profiles**—The service profiles defined in the system divided by organization.

- **Service Profile Templates**—The service profile templates defined in the system divided by organization.

- **Policies**—Server-related policies for adapters, BIOS, firmware, IPMI access, local disk configuration, maintenance, power, disk scrubbing, Serial over LAN, server pools, iSCSI authentication, vNIC/vHBA placement, and fault thresholds.

- **Pools**—Server pools and UUID suffix pools.

- **Schedules**—Maintenance and fault suppression schedules.

LAN Tab

This tab contains the components related to LAN configuration, such as LAN pin groups, quality of service classes, VLANs, policies, pools, and the internal domain. A network administrator typically accesses and manages the components on this tab.

The major nodes below the **LAN** node in this tab are the following:

- **LAN Cloud**—Quality of service settings, port channels, pin groups, VLANs, VLAN optimization sets, threshold policies.

- **Appliances**—Interfaces, port channels, and VLANs.

- **Internal LAN**—Ports and threshold polices associated with the internal fabric.

- **Policies**—Policies governing flow control, adapters, vNICs, vNIC templates, quality of services, and fault thresholds.

- **Pools**—The IP pools and MAC pools defined in the system.

- **Traffic Monitoring Sessions**—The port traffic monitoring sessions defined in the system.

- **Netflow Monitoring**—Flow record definitions, flow exporters, flow monitors, and flow monitor sessions.

SAN Tab

This tab contains the components related to SAN configuration, such as pin groups, VSANs, policies, and pools. A storage administrator typically accesses and manages the components on this tab.

The major nodes in this tab are the following:

- **SAN**—SAN uplinks, fibre channel address assignment, SAN-related pools, and VSANs.

- **SAN Cloud**—SAN uplinks, fibre channel address assignment, SAN-related pools, and VSANs.

- **Storage Cloud**—Storage ports and VSANs.

- **Policies**—Fibre Channel adapter policies, default vHBA behavior, SAN connectivity policies, storage connection policies, vHBA templates, and fault thresholds.

- **Pools**—The iSCSI Qualified Name (IQN) pools and World Wide Name pools defined in the system.

- **Traffic Monitoring Sessions**—The port traffic monitoring sessions defined in the system.

VM Tab

This tab contains the components required to configure VM-FEX for servers with a VIC adapter. For example, you use components on this tab to configure the connection between Cisco UCS Manager and VMware vCenter, to configure distributed virtual switches, port profiles, and to view the virtual machines hosted on servers in the Cisco UCS domain.

The major nodes in this tab are the following:

- **All**–Port profiles, virtual machines, virtual switches, certificates, the lifecycle policy, VM-related events and FSM tasks.

- **Clusters**—Clusters, including the associated virtual machines and port profiles.

- **Fabric Network Sets**— Fabric Network Definitions

- **Port Profiles**— Port Profiles

- **VM Networks**— Virtual Networks

- **Microsoft**— Microsoft Networking Components

- **VMware**—vCenters, including folders, Datacenters, virtual machines, and virtual switches

Admin Tab

This tab contains system-wide settings, such as user manager and communication services, and troubleshooting components, such as faults and events. The system administrator typically accesses and manages the components on this tab.

The major nodes in this tab are the following:

- **All**—Management interfaces, backup and import configuration, tech support file creation, the full state backup policy, and the all configuration export policy.

- **Faults, Events and Audit Log**—System-wide faults, events, audit logs, syslog entries, core files, tech support files, and global fault policies.

- **User Management**—Authentication methods, remote access methods, local users, locales, and user roles.

- **Key Management**—SSH key and trusted point settings.

- **Communication Management**—Communication service settings for SSH, Telnet, HTTP, HTTPS, SNMP, web session limits, Call Home settings, DNS management, and management interfaces, and Cisco UCS Central settings.

- **Stats Management**—Threshold statistics settings that control when faults are issued by the system.

- **Time Zone Management**—NTP server settings to establish time zone synchronization.

- **Capability Catalog**—The capability catalog, a set of tunable parameters, strings, and rules.

- **Management Extension**—Management extensions, which allow you add support for previously unsupported servers and other hardware to Cisco UCS Manager.

- **License Management**—The feature and port licenses installed on this system.

Toolbar

The toolbar displays on the right side of Cisco UCS Manager GUI above the **Work** pane. You can use the menu buttons in the toolbar to perform common actions, including the following actions:

- Navigate between previously viewed items in the **Work** pane

- Create elements for the Cisco UCS domain

- Set options for Cisco UCS Manager GUI

- Access online help for Cisco UCS Manager GUI

Work Pane

The **Work** pane displays on the right side of Cisco UCS Manager GUI. This pane displays details about the component selected in the **Navigation** pane.

The **Work** pane includes the following elements:

- A navigation bar that displays the path from the main node of the tab in the **Navigation** pane to the selected element. You can click any component in this path to display that component in the **Work** pane.

- A content area that displays tabs with information related to the component selected in the **Navigation** pane. The tabs displayed in the content area depends upon the selected component. You can use these tabs to view information about the component, create components, modify properties of the component, and examine a selected object.

Status Bar

The status bar displays across the bottom of Cisco UCS Manager GUI. The status bar provides information about the state of the application.

On the left, the status bar displays the following information about your current session in Cisco UCS Manager GUI:

- A lock icon that indicates the protocol you used to log in. If the icon is locked, you connected with HTTPS and if the icon is unlocked, you connected with HTTP.

- The username you used to log in.

- The IP address of the server where you logged in.

If your Cisco UCS domain is registered with Cisco UCS Central, the status bar also displays the following information:

- A lock icon that indicates a secure connection.

- The IP address of the server for Cisco UCS Central.

On the right, the status bar displays the system time.

Table Customization

Cisco UCS Manager GUI enables you to customize the tables on each tab. You can change the type of content that you view and filter the content.

Table Customization Menu Button

This menu button in the upper right of every table enables you to control and customize your view of the table. The drop-down menu for this button includes the following options:

Menu Item	Description
Column Name	The menu contains an entry for each column in the table. Click a column name to display or hide the column.
Horizontal Scroll	If selected, adds a horizontal scroll bar to the table. If not selected, when you widen one of the columns, all columns to the right narrow and do not scroll.
Pack All Columns	Resizes all columns to their default width.
Pack Selected Column	Resizes only the selected column to its default width.

Table Content Filtering

The **Filter** button above each table enables you to filter the content in the table according to the criteria that you set in the **Filter** dialog box. The dialog box includes the following filtering options:

Name	Description
Disable option	No filtering criteria is used on the content of the column. This is the default setting.
Equal option	Displays only that content in the column which exactly matches the value specified.
Not Equal option	Displays only that content in the column which does not exactly match the value specified.
Wildcard option	The criteria you enter can include one of the following wildcards: • _ (underscore) or ? (question mark)—replaces a single character • % (percent sign) or * (asterisk)—replaces any sequence of characters
Less Than option	Displays only that content in the column which is less than the value specified.
Less Than Or Equal option	Displays only that content in the column which is less than or equal to the value specified.
Greater Than option	Displays only that content in the column which is greater than the value specified.
Greater Than Or Equal option	Displays only that content in the column which is greater than or equal to the value specified.

LAN Uplinks Manager

The LAN Uplinks Manager provides a single interface where you can configure the connections between Cisco UCS and the LAN. You can use the LAN Uplinks Manager to create and configure the following:

- Ethernet switching mode
- Uplink Ethernet ports
- Port channels
- LAN pin groups
- Named VLANs

• Server ports

• QoS system classes

Some of the configuration that you can do in the LAN Uplinks Manager can also be done in nodes on other tabs, such as the **Equipment** tab or the **LAN** tab.

Internal Fabric Manager

The Internal Fabric Manager provides a single interface where you can configure server ports for a fabric interconnect in a Cisco UCS domain. The Internal Fabric Manager is accessible from the **General** tab for that fabric interconnect.

Some of the configuration that you can do in the Internal Fabric Manager can also be done in nodes on the **Equipment** tab, on the **LAN** tab, or in the LAN Uplinks Manager.

Hybrid Display

For each chassis in a Cisco UCS domain, Cisco UCS Manager GUI provides a hybrid display that includes both physical components and connections between the chassis and the fabric interconnects.

This tab displays detailed information about the connections between the selected chassis or rack server and the fabric interconnects. It has an icon for the following:

• Each fabric interconnect in the system

• The I/O module (IOM) in the selected component, which is shown as an independent unit to make the connection paths easier to see

• The selected chassis showing the servers and PSUs, or the selected rack server.

The lines between the icons represent the connections between the following:

• DCE interface on each server and the associated server port on the I/O module. These connections are created by Cisco and cannot be changed.

• Server port on the I/O module and the associated port on the fabric interconnect. You can change these connections if desired.

You can mouse over the icons and lines to view tooltips identifying each component or connection, and you can double-click any component to view properties for that component.

If there is a fault associated with the component or any of its subcomponents, Cisco UCS Manager GUI displays a fault icon on top of the appropriate component. If there are multiple fault messages, Cisco UCS Manager GUI displays the icon associated with the most serious fault message in the system.

Logging in to the Cisco UCS Manager GUI through HTTPS

The default HTTP web link for the Cisco UCS Manager GUI is `http://UCSManager_IPv4`, or `http://UCSManager_IPv6`, where *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, assigned to Cisco UCS Manager. This IP address can be one of the following:

- Cluster configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the virtual or cluster IPv4 address or IPv6 address, respectively, assigned to Cisco UCS Manager. Do not use the IP addresses assigned to the management port on the fabric interconnects.

- Standalone configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, of the management port on the fabric interconnect

Note   Some browsers do not support HTTPS access using an IPv6 address.

Procedure

Step 1   In your web browser, type the Cisco UCS Manager GUI web link or select the bookmark in your browser.

Step 2   If a **Security Alert** dialog box appears, click **Yes** to accept the security certificate and continue.

Step 3   In the Cisco UCS Manager launch page, click **Launch UCS Manager**.
Depending upon the web browser you use to log in, you may be prompted to download or save the .JNLP file.

Step 4   If Cisco UCS Manager displays a pre-login banner, review the message and click **OK** to close the dialog box.

Step 5   If a **Security** dialog box displays, do the following:

a) (Optional) Check the check box to accept all content from Cisco.

b) Click **Yes** to accept the certificate and continue.

Step 6   In the **Login** dialog box, do the following:

a) Enter your username and password.

b) If your Cisco UCS implementation includes multiple domains, select the appropriate domain from the **Domain** drop-down list.

c) Click **Login**.

Logging in to the Cisco UCS Manager GUI through HTTP

The default HTTP web link for the Cisco UCS Manager GUI is `http://`*UCSManager_IPv4*, or `http://`*UCSManager_IPv6*, where *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, assigned to Cisco UCS Manager. This IP address can be one of the following:

- Cluster configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the virtual or cluster IPv4 address or IPv6 address, respectively, assigned to Cisco UCS Manager. Do not use the IP addresses assigned to the management port on the fabric interconnects.

- Standalone configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, of the management port on the fabric interconnect

Procedure

Step 1 In your web browser, type the Cisco UCS Manager GUI web link or select the bookmark in your browser.

Step 2 If Cisco UCS Manager displays a pre-login banner, review the message and click **OK** to close the dialog box.

Step 3 In the Cisco UCS Manager launch page, click **Launch UCS Manager**.
Depending upon the web browser you use to log in, you may be prompted to download or save the .JNLP file.

Step 4 In the **Login** dialog box, do the following:
   a) Enter your username and password.
   b) If your Cisco UCS implementation includes multiple domains, select the appropriate domain from the **Domain** drop-down list.
   c) Click **Login**.

Logging Out of the Cisco UCS Manager GUI

Procedure

Step 1 In the Cisco UCS Manager GUI, click **Exit** in the upper right.
The Cisco UCS Manager GUI blurs on your screen to indicate that you cannot use it and displays the **Exit** dialog box.

Step 2 From the drop-down list, select one of the following:

   • **Exit** to log out and shut down the Cisco UCS Manager GUI.

   • **Log Off** to log out of the Cisco UCS Manager GUI and log in a different user.

Step 3 Click **OK**.

Web Session Limits

Web session limits are used by Cisco UCS Manager to restrict the number of web sessions (both GUI and XML) permitted access to the system at any one time.

By default, the number of concurrent web sessions allowed by Cisco UCS Manager is set to the maximum value: 256.

Setting the Web Session Limit for Cisco UCS Manager

Procedure

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

Step 2 On the **Admin** tab, expand **All** > **Communication Management** > **Communication Services**.

Step 3 In the **Work** pane, click the **Communication Services** tab.

Step 4 In the **Web Session Limits** area, complete the required fields.

Step 5 Click **Save Changes**.

Pre-Login Banner

With a pre-login banner, when a user logs into Cisco UCS Manager GUI, Cisco UCS Manager displays the banner text in the **Create Pre-Login Banner** dialog box and waits until the user dismisses that dialog box before it prompts for the username and password. When a user logs into Cisco UCS Manager CLI, Cisco UCS Manager displays the banner text in a dialog box and waits for the user to dismiss that dialog box before it prompts for the password. It then repeats the banner text above the copyright block that it displays to the user.

Creating the Pre-Login Banner

If the **Pre-Login Banner** area does not appear on the **Banners** tab, Cisco UCS Manager does not display a pre-login banner when users log in. If the **Pre-Login Banner** area does appear, you cannot create a second pre-login banner. You can only delete or modify the existing banner.

Procedure

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

Step 2 On the **Admin** tab, expand **All** > **User Management**.

Step 3 Click the **User Services** node.

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

Step 5 In the **Actions** area, click **Create Pre-Login Banner**.

Step 6 In the **Create Pre-Login Banner** dialog box, click in the text field and enter the message that you want users to see when they log in to Cisco UCS Manager.
You can enter any standard ASCII character in this field.

Step 7 Click **OK**.

Modifying the Pre-Login Banner

Procedure

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

Step 2   On the **Admin** tab, expand **All** > **User Management**.

Step 3   Click the **User Services** node.

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

Step 5   Click in the text field in the **Pre-Login Banner** area and make the necessary changes to the text.
You can enter any standard ASCII character in this field.

Step 6   Click **Save Changes**.

Deleting the Pre-Login Banner

Procedure

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

Step 2   On the **Admin** tab, expand **All** > **User Management**.

Step 3   Click the **User Services** node.

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

Step 5   In the **Actions** area, click **Delete**.

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

Cisco UCS Manager GUI Properties

Configuring the Cisco UCS Manager GUI Session and Log Properties

These properties determine how Cisco UCS Manager GUI reacts to session interruptions and inactivity, and configures the Cisco UCS Manager GUI Java message logging.

Procedure

Step 1	In the toolbar, click **Options** to open the **Properties** dialog box.
Step 2	In the right pane, click **Session**.
Step 3	In the **Session** tab, update the fields as needed.
Step 4	Click **OK**.

Configuring Properties for Confirmation Messages

These properties determine whether or not Cisco UCS Manager GUI displays a confirmation message after configuration changes and other operations.

Procedure

Step 1	In the toolbar, click **Options** to open the **Properties** dialog box.
Step 2	In the right pane, click **Confirmation Messages**.
Step 3	In the **Confirmation Messages** tab, updated the fields as needed.
Step 4	Click **OK**.

Configuring Properties for External Applications

Cisco UCS Manager GUI uses these properties to connect with external applications, such as SSH.

Procedure

Step 1	In the toolbar, click **Options** to open the **Properties** dialog box.
Step 2	In the right pane, click **External Applications**.
Step 3	In the **External Applications** tab, specify values for the **SSH** and **SSH Parameters** fields.
Step 4	Click **OK**.

Customizing the Appearance of Cisco UCS Manager GUI

These properties allow you to customize the some of the visual properties of Cisco UCS Manager GUI.

Procedure

Step 1	In the toolbar, click **Options** to open the **Properties** dialog box.
Step 2	In the right pane, click **Visual Enhancements**.
Step 3	In the **Visual Enhancements** tab, update the fields as needed.
Step 4	Click **OK**.

Determining the Acceptable Range of Values for a Field

Some properties have a restricted range of values that you can enter. You can use this procedure to determine that acceptable range for fields in a dialog box, window, or tab. You cannot use this procedure to determine the acceptable range of values for properties listed in a table or tree.

Procedure

Step 1	Place your cursor in the field for which you want to check the range to give focus to that field.
Step 2	Press Alt + Shift + **R**. Cisco UCS Manager GUI displays the acceptable range of values for a few seconds. The range disappears if you click anywhere on the screen.

Determining Where a Policy Is Used

You can use this procedure to determine which service profiles and service profile templates are associated with the selected policy.

Procedure

Step 1	In the **Navigation** pane, click the policy whose usage you want to view.
Step 2	In the **Work** pane, click the **General** tab.
Step 3	In the **Actions** area, click **Show Policy Usage**. Cisco UCS Manager GUI displays the **Service Profiles/Templates** dialog box that shows the associated service profiles and service profile templates.

Determining Where a Pool Is Used

You can use this procedure to determine which service profiles and service profile templates are associated with the selected pool.

Procedure

Step 1   In the **Navigation** pane, click the pool whose usage you want to view.

Step 2   In the **Work** pane, click the **General** tab.

Step 3   In the **Actions** area, click **Show Pool Usage**.
Cisco UCS Manager GUI displays the **Service Profiles/Templates** dialog box that shows the associated service profiles and service profile templates.

Deleting a Pool, Policy, or Other Object

The method you use to delete a pool, policy, or other object, such as a VLAN, is the same for all objects.

Note   Before you delete an object, ensure that it is not being used or referenced by another object in the system. For example, before you delete a network policy, ensure that a service profile does not reference that policy.

Procedure

Step 1   In the **Navigation** pane, expand the pod to view the objects.

Step 2   In the **Work** pane, click the appropriate tab and navigate to where the object is located.
For example, if you want to delete a VLAN, click the **VLANs** tab.

Step 3   Choose the object that you want to delete and click **Delete**.

Step 4   Click **Delete**.

Copying the XML

To assist you in developing scripts or creating applications with the XML API for Cisco UCS, Cisco UCS Manager GUI includes an option to copy the XML used to create an object in Cisco UCS Manager. This option is available on the right-click menu for most object nodes in the **Navigation** pane, such as the **Port Profiles** node or the node for a specific service profile.

Procedure

Step 1	In the **Navigation** pane, navigate to the object for which you want to copy the XML.
Step 2	Right-click on that object and choose **Copy XML**.
Step 3	Paste the XML into an XML editor, Notepad, or another application.

HTML5 GUI for Cisco UCS Manager

Overview of Cisco UCS Manager HTML5 GUI

Beginning with Release 3.0(2), you can access Cisco UCS Manager using a browser-based GUI interface. This allows you to run Cisco UCS Manager from any supported HTML5 web browser, without the need for Java. The HTML5 GUI has a similar look and feel to the Java-based GUI. See the following sections for descriptions:

- Fault Summary Area, on page 2
- Navigation Pane, on page 2
- Toolbar, on page 5
- Work Pane, on page 5
- Status Bar, on page 6
- Table Customization, on page 6
- LAN Uplinks Manager, on page 7
- Internal Fabric Manager, on page 8
- Hybrid Display, on page 8

The tasks for Web Session Limits, on page 10 and Pre-Login Banner, on page 11 are performed the same. However, Configuring Properties for External Applications, on page 13 is not supported.

Note Java is still required to launch the KVM client.

Logging in to the Cisco UCS Manager HTML5 GUI through HTTPS

The default HTTP web link for the Cisco UCS Manager GUI is `http://UCSManager_IPv4`, or `http://UCSManager_IPv6`, where *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, assigned to Cisco UCS Manager. This IP address can be one of the following:

- Cluster configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the virtual or cluster IPv4 address or IPv6 address, respectively, assigned to Cisco UCS Manager. Do not use the IP addresses assigned to the management port on the fabric interconnects.

- Standalone configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, of the management port on the fabric interconnect

Note   Some browsers do not support HTTPS access using an IPv6 address.

Procedure

Step 1   In your web browser, type the Cisco UCS Manager GUI web link or select the bookmark in your browser.

Step 2   If a **Security Alert** dialog box appears, click **Yes** to accept the security certificate and continue.

Step 3   In the HTML area of the Cisco UCS Manager launch page, click **Launch UCS Manager**.

Step 4   If Cisco UCS Manager displays a pre-login banner, review the message and click **OK** to close the dialog box.

Step 5   If a **Security** dialog box displays, do the following:

   a) (Optional) Check the check box to accept all content from Cisco.
   b) Click **Yes** to accept the certificate and continue.

Step 6   In the **Login** dialog box, do the following:

   a) Enter your username and password.
   b) If your Cisco UCS implementation includes multiple domains, select the appropriate domain from the **Domain** drop-down list.
   c) Click **Login**.

Logging in to the Cisco UCS Manager HTML5 GUI through HTTP

The default HTTP web link for the Cisco UCS Manager GUI is `http://`*UCSManager_IPv4*, or `http://`*UCSManager_IPv6*, where *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, assigned to Cisco UCS Manager. This IP address can be one of the following:

- Cluster configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the virtual or cluster IPv4 address or IPv6 address, respectively, assigned to Cisco UCS Manager. Do not use the IP addresses assigned to the management port on the fabric interconnects.

- Standalone configuration: *UCSManager_IPv4* or *UCSManager_IPv6* represents the IPv4 or IPv6 address, respectively, of the management port on the fabric interconnect

Procedure

Step 1   In your web browser, type the Cisco UCS Manager GUI web link or select the bookmark in your browser.

Step 2   If Cisco UCS Manager displays a pre-login banner, review the message and click **OK** to close the dialog box.

Step 3   In the HTML area of the Cisco UCS Manager launch page, click **Launch UCS Manager**.

Step 4   In the **Login** dialog box, do the following:

a)   Enter your username and password.

b)   If your Cisco UCS implementation includes multiple domains, select the appropriate domain from the **Domain** drop-down list.

c)   Click **Login**.

Logging Out of the Cisco UCS Manager HTML5 GUI

Procedure

Step 1   In the Cisco UCS Manager GUI, click **Exit** in the upper right.

Step 2   From the drop-down list, select one of the following:

- **Yes** to log out.

  After logging out, the Cisco UCS Manager launch page displays.

- **No** to continue to use the Cisco UCS Manager GUI.

Behavior Changes in the HTML5 GUI

The Cisco UCS Manager HTML5 GUI is designed to match the look and feel of the existing java-based application. Some of the changes include:

- The **Show Navigator** command is not available on the **Navigation** pane tree view. However, all of the information is displayed in the **Work** pane.

- The HTML5 GUI is a single page web application, and multiple windows are not available. For example, if you are working on a web page that launches a child window, you must complete the tasks in the child window, and then close the child window before the original window is available. This behavior affects the following pages:

  ◦ LAN Uplinks Manager

  ◦ SAN Uplinks Manager

  ◦ NAS Appliance Manager

◦ SAN Storage Manager

◦ Internal Fabric Manager

• Clicking the online help **?** button immediately launches the online help for the currently active tab.

• In most cases, table row operations are applied immediately. However, creating vNICs, vHBAs, and iSCSI vNICs requires that you click the **Save Changes** button.

• The default value for confirmation boxes is **No** or **Cancel**.

• All file downloads are determined by your local browser settings.

HTML5 Supported Browsers

The following web browsers are supported for the Cisco UCS Manager HTML5 GUI:

• Microsoft Internet Explorer version 10 or higher

• Mozilla Firefox version 26 or higher

• Google Chrome version 30 or higher

• Apple Safari version 7 or higher

Note   You may need to accept the certificate the first time you log in from a Safari browser.

• Opera version 19 or higher