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## About the License Requirements

- [Licensing Modes](#)
- [User and Server License Requirements](#)
- [Cisco Unified Personal Communicator License Requirements](#)

### Licensing Modes

Immediately following a fresh installation of Cisco Unified Presence, a 90-day trial evaluation period starts by default. During this time,

- an organization can use or "run" a Cisco Unified Presence server without requiring a server license, and
- users in that organization, who are already configured on Cisco Unified Communications Manager, can access Cisco Unified Presence and be configured to use Cisco Unified Personal Communicator, without requiring the necessary user licenses (DLUs)

After the trial evaluation period ends, users no longer have access to Cisco Unified Presence functionality. You must upload the server license file, and the required user licenses, to enable Cisco Unified Presence in permanent Production mode.

### Restrictions

- The Evaluation expiration date occurs 90 days after Cisco Unified Presence is first installed. To determine the number of days remaining to expiry, review the licensing warning messages in Cisco Unified Presence Administration and the Real-Time Monitoring Tool Syslog viewer. The alarm notifications begin 30 days before the end of the evaluation period, with a final alarm occurring on the date that the Evaluation expires.
- You can only evaluate each Cisco Unified Presence release once. Multiple evaluations per release are not permitted.
- If your Cisco Unified Presence server is operating in Evaluation mode following a fresh installation, you cannot upgrade it until you enable Cisco Unified Presence in permanent Production mode.
- When the Cisco Unified Presence server is operating in Evaluation mode, users of Cisco Unified Personal Communicator are able to exchange instant messaging and availability information, and use desk phone control. However, the softphone client feature of Cisco Unified Personal Communicator is not supported during the evaluation period.

The table below describes Cisco Unified Presence licensing modes:

**Table: Licensing Modes in Cisco Unified Presence**

License Behavior	Cisco Unified Presence User	Cisco Unified Personal Communicator User
<b>Evaluation Mode</b>		
<ul style="list-style-type: none"> <li>• Users can manually start Cisco Unified Presence without uploading a license file.</li> <li>• Warning messages, in Cisco Unified Presence Administration, indicate that Cisco Unified Presence is in Evaluation mode. The Real-Time Monitoring Tool (Syslog Viewer) also displays license alarm messages.</li> </ul>	<p>All users who are configured on Cisco Unified Communications Manager can use Cisco Unified Presence. No Device License Unit ( DLU) is required.</p>	<p>All users who are configured on Cisco Unified Communications Manager can use Cisco Unified Personal Communicator. No Device License Unit ( DLU) is required.</p> <p><b>Note</b> In Evaluation mode, the softphone client feature of Cisco Personal Communicator is not supported.</p>
<b>Evaluation Mode - Expired</b>		
<ul style="list-style-type: none"> <li>• Users no longer have access to Cisco Unified Presence functionality. The PE and proxy shut down.</li> <li>• Warning messages, in Cisco Unified Presence Administration, indicate that Cisco Unified Presence Evaluation mode has expired. The Real-Time Monitoring Tool (Syslog Viewer) also displays license alarm messages.</li> </ul>	<p>Administrators can log into Cisco Unified Presence Administration to upload a valid license.</p>	<p>Users cannot log into Cisco Unified Personal Communicator.</p>
<b>Production Mode</b>		
<ul style="list-style-type: none"> <li>• Administrators must upload a valid server license file to enable Cisco Unified Presence in Production mode.</li> </ul> <p><b>Note:</b> You can upload the server license to Cisco Unified Presence before or after the trial evaluation period ends.</p>	<p>All users who are configured on Cisco Unified Communications Manager can use Cisco Unified Presence. A Device License Unit ( DLU) is required</p>	<p>All users who are configured on Cisco Unified Communications Manager can use Cisco Unified Personal Communicator. A Device License Unit ( DLU) is required.</p>

**Related Topics**

- See the Real-Time Monitoring Tool (Syslog viewer) for the licensing alarm messages that display in Evaluation mode and Evaluation Expired mode.

## User and Server License Requirements

The table below describes the user and server license requirements for Cisco Unified Presence.

**Table: Cisco Unified Presence user and server license requirements**

License Requirement	Description
Cisco Unified Presence user feature license	<p>You need to assign presence capabilities for each Cisco Unified Presence user. This will consume one Cisco Unified Communications Manager Device License Unit (DLU).</p> <p>You can assign Cisco Unified Presence capabilities on a per user basis, regardless of the number of clients associated with each user. When you assign Cisco Unified Presence capabilities for a user, this enables the user to send and receive presence messaging updates. If the user is not enabled for Cisco Unified Presence capabilities, no presence messaging or status updates will be allowed for that user.</p> <p>On Cisco Unified Communications Manager, you will need to upload the user DLU, and then assign Cisco Unified Presence capabilities for a user.</p>
Cisco Unified Presence server license	<p>You will require one server license for each Cisco Unified Presence server. This license covers service activation for the Presence Engine and Proxy services on Cisco Unified Presence.</p> <p><b>Note:</b> This only applies if you are configuring the Cisco Unified Presence <i>publisher</i> node, or enabling Cisco Unified Presence in permanent Production mode.</p> <p>You can deploy Cisco Unified Presence software as a single server or as a cluster of up to six servers. You must order a separate server license for each Cisco Unified Presence server, however, you only need to upload the license to the first node in a cluster as the license file contains the number of Cisco Unified Presence servers in a cluster that are licensed to the customer.</p>

### Troubleshooting Tips

- If the Cisco Unified Presence *publisher* fails, you will need to reinstall Cisco Unified Presence on a new machine with the same hostname, IP address and software version. Cisco Unified Presence will detect the change in the MAC address of the Cisco Unified Presence server, and allow you a ?grace? period of 30 days to upload a valid license file to Cisco Unified Presence with the new physical MAC address. To do this, send an e-mail to [licensing@cisco.com](mailto:licensing@cisco.com) requesting a ?rehost? of your license. You should include the MAC address of the new server to which you want to migrate. After you upload the new license file, you must issue this CLI command `file delete license invalid-license-filename` and restart the license manager to stop the grace period.
- To obtain the MAC address of the server, select **Show > Network** in Cisco Unified Operating

System Administration. If you do not obtain and upload a valid server license during the 30-day grace period, you will no longer have access to Cisco Unified Presence functionality. Cisco Unified Presence shuts down the Presence Engine (PE) and Proxy, and removes the invalid license file.

- End User Licence Agreements (EULA) have been introduced with Cisco Unified Presence 7.x for compliancy-oriented customers and to align with the Cisco Unified Communications licensing structure.

#### Related Topics

- [Getting More Information](#)

#### What To Do Next

#### [Obtaining a License File](#)

## Cisco Unified Personal Communicator License Requirements

- [User License Requirements](#)
- [Adjunct Licensing](#)

### User License Requirements

Cisco Unified Communications Manager tracks the number of Cisco Unified Personal Communicator devices that are connected to it and compares it with the number of device licenses that have been purchased.

The table below describes the user license requirements for Cisco Unified Personal Communicator.

**Table: Cisco Unified Personal Communicator User Licensing Requirements**

Configuration	License Requirement	Description
Cisco Unified Personal Communicator basic functionality	You will require one Cisco Unified Personal Communicator software license per user.	
Cisco Unified Personal Communicator software license	The Cisco Unified Personal Communicator software license comes with one Cisco Unified Communications Manager Device License Unit (DLU). You need to assign Cisco Unified Personal Communicator capabilities for a user. This will consume one DLU.	

	On Cisco Unified Communications Manager, you will need to upload the software license for a user, and then assign Cisco Unified Personal Communicator capabilities for a user.	
	Cisco Unified Personal Communicator user feature license	You will require one Cisco Unified Personal Communicator user feature license per user. This license is also known as a Cisco Unified Communications Manager phone device license. You upload this license on Cisco Unified Communications Manager.
Softphone mode (optional)	Cisco Unified Personal Communicator user feature license registered as Cisco Unified Communications Manager softphone	In addition to the normal licensing requirements listed above, you require three Cisco Unified Communications Manager user feature licenses to register as a Cisco Unified Communications Manager softphone (three device licenses are consumed).

**Related Topics**

- [Creating a Softphone Device for Each Cisco Unified Personal Communicator User](#)
- [Getting More Information](#)

**Adjunct Licensing**

From Cisco Unified Communications Manager Release 6.0(1), you can associate a secondary device with a primary device and consume only one device license per device. This is also known as adjunct licensing. On Cisco Unified Communications Manager, you can configure adjunct licensing manually on the Phone Configuration window, using the AXL interface, or using the Bulk Administration Tool (BAT). For releases prior to Cisco Unified Communications Manager Release 6.0(1), three device licenses are consumed.

Adjunct licensing has these restrictions:

- You can associate up to two secondary softphone devices to a primary phone.
- You cannot delete the primary phone unless you remove the associated secondary softphone devices.
- The primary phone must be the device that consumes the most licenses. You cannot make the softphone device the primary phone and associate a Cisco Unified IP Phone as the secondary device.
- Secondary softphone devices are limited to Cisco IP Communicator, Cisco Unified Personal Communicator, and Cisco Unified Mobile Communicator.

## Related Topics

- [Creating a Softphone Device for Each Cisco Unified Personal Communicator User](#)
- For information on exporting users in bulk using BAT, see the *Configuration and Maintenance Guide for Cisco Unified Presence*
- [Getting More Information](#)

## What To Do Next

### [Obtaining a License File](#)

## Obtaining a License File

When you place an order for Cisco software, Cisco provides a Product Authorization Key (PAK). The PAK provides the software activation key and the license file.

### Before You Begin

- Obtain the MAC address of Cisco Unified Communications Manager for which you are requesting the licenses.
- Obtain a valid email address.
- Determine the number of device licenses that you need by using the license unit calculator in Cisco Unified Communications Manager Administration (**System > Licensing > License Unit Calculator**).

### Procedure

1. Register the PAK that you received using the License Registration web tool that is provided on CCO.
2. Enter the following information:
  - ◆ The MAC address of Cisco Unified Communications Manager for which you are requesting the licenses.
  - ◆ Your valid email address.,
  - ◆ The number of servers and devices for which you want licenses.
3. Upload the license file to Cisco Unified Communications Manager.

## Related Topics

- [Getting More Information](#)

## What To Do Next

[Uploading a License File on Cisco Unified Communications Manager](#)

# Uploading a License File on Cisco Unified Communications Manager

Use this procedure to upload the following licenses:

- User licenses for Cisco Unified Presence capabilities.
- Software and user licenses for Cisco Unified Personal Communicator.

## Before You Begin

Obtain the license file.

## Restrictions

License files must have a *.lic* suffix

## Procedure

1. Select **Cisco Unified Communications Manager Administration > System > Licensing > License File Upload**.
2. Select **Upload License File**.
3. Locate the license file on your local computer.
4. Select **Upload**.
5. Restart the Cisco Unified Communications Manager service.

## Troubleshooting Tips

Run the License Unit Report to verify that the license files have uploaded correctly. Select **Cisco Unified Communications Manager Administration > System > Licensing > License Unit Report**.



## Related Topics

- [Obtaining a License File](#)
- [About the License Requirements](#)
- [Getting More Information](#)

## What To Do Next

[Assigning the Licensing Capabilities on Cisco Unified Communications Manager](#)

# Assigning the Licensing Capabilities on Cisco Unified Communications Manager

Use this procedure to assign Cisco Unified Presence and Cisco Unified Personal Communicator capabilities for a user.

**Note:** Each capability that you assign for a user will consume one Cisco Unified Communications Manager DLU.

**Note:** You can also assign licenses by using the Bulk Administration Tool (BAT). In Cisco Unified Communications Manager Administration, select **Bulk Administration > CUP > Update CUP/CUPC Users**.

## Before You Begin

Upload the licence file to Cisco Unified Communications Manager.

## Procedure

1. Select **Cisco Unified Communications Manager Administration > System > Licensing > Capabilities Assignment**.
2. Select **Find**.
3. Perform one of the following actions:
  1. To assign capabilities to one user, select the user link to view the Capabilities Assignment Configuration window.
  2. To assign capabilities to more than one user, perform the following:
    - ◇ Check the users as required.
    - ◇ Select **Bulk Assignment**.
4. Check **Enable CUP** to enable Cisco Unified Presence capability.
5. Check **Enable CUPC** to enable Cisco Unified Personal Communicator capability.

6. Select **Save**.

**Related Topics**

- [About the License Requirements](#)
- [Uploading a License File on Cisco Unified Communications Manager](#)
- [Viewing Licensing Information on Cisco Unified Communications Manager](#)
- [Getting More Information](#)

**What To Do Next**

[Configuring Cisco Unified Communications Manager for Integration with Cisco Unified Presence](#)

## Viewing Licensing Information on Cisco Unified Communications Manager

To...	Menu path
Display the license report	<b>Cisco Unified Communications Manager Administration &gt; System &gt; Licensing &gt; License Unit Report.</b>
Determine the required number of license units	<b>Cisco Unified Communications Manager Administration &gt; System &gt; Licensing &gt; License Unit Calculator.</b>
Display the number of licensed Cisco Unified Presence and Cisco Unified Personal Communicator users synchronized from the Cisco Unified Communications Manager	<p><b>Cisco Unified Presence Administration &gt; Diagnostics &gt; System Status</b></p> <p>The status window provides this information:</p> <ul style="list-style-type: none"> <li>• Number of licensed Cisco Unified Presence and Cisco Unified Personal Communicator users synchronized from the Cisco Unified Communications Manager database.</li> <li>• User IDs and the primary extension, number of devices, and the number of contacts associated with users.</li> <li>• Which users are licensed to use Cisco Unified Personal Communicator.</li> </ul>

**Related Topics**

- [Getting More Information](#)