Cisco Unity Express Virtual Licensing

From Cisco Unity Express Virtual Release 9.0.5 onwards, only Cisco Smart Software Licensing is supported. For information on configuring Cisco Smart Licenses, see Cisco Unity Express VoiceMail and Auto Attendant CLI Administrator Guide for 3.0 and Later Versions, and Configuring Cisco Unity Express 9.0.x Using the GUI.

For Cisco Unity Express Virtual Releases 9.0 to 9.0.3, Cisco Unity Express Virtual software licenses are based on the Cisco Software Licensing (CSL) system. With CSL licenses, the mailbox license count includes both personal mailboxes and GDMs. The type of the mailbox is determined when it is configured. Also, the call-agent is no longer specified using licenses and can be configured either as part of post-install process or during bootup.

Installation Sequence

Cisco Unity Express Virtual software licenses are installed in the following order:

1. Mailbox licenses

2. Voice Port licenses

3. IVR licenses

Note From Cisco Unity Express Virtual Release 9.0.3 onwards, the licenses for mailboxes and ports are enabled by default. Moreover, the number of licenses for mailboxes and ports are set to platform maximum.

For activating your evaluation license, see Activate Evaluation Licenses, on page 2.

Activate Evaluation Licenses

Cisco Unity Express Virtual release software image includes evaluation license. Evaluation license allows you to evaluate the feature before you purchase a permanent license, but will expire after 60 days. To see when a license will expire, use the **show license evaluation** command. The following procedure enables you to:

- Display the evaluation licenses present on the service module

- Activate the mailbox evaluation license, accept EULA

- Activate the port evaluation license

- Activate the IVR session evaluation license

- Verify which evaluation licenses are active

⚠ **Caution**   If you use the IVR functionality, then make sure to enable the number of total ports license is more than the IVR sessions license. If the number of ports is equal to or less than the IVR sessions, then voicemail will be disabled.

⚠ **Caution**   If you do not use the IVR functionality, then make sure to either disable the IVR license or set the count to 0. To disable the IVR session license, use the command **no license activate ivr sessions**. If you wish to set the IVR count to 0, then use the command **license activate ivr sessions** *0*.

✎ **Note**   We recommend that you install and activate the permanent licenses before the expiration of your evaluation licenses. From Cisco Unity Express Virtual 9.0.2 Release onwards, you do not need to install permanent license.

SUMMARY STEPS

1. **show license evaluation**
2. **license activate voicemail mailboxes**
3. **license activate ports**
4. **license activate ivr sessions**
5. **reload**
6. **show license in-use**

DETAILED STEPS

	Command or Action	Purpose
Step 1	**show license evaluation** **Example:**	Use this command to display which evaluation licenses are on your system. This command is not applicable for Cisco

	Command or Action	Purpose

	cue# **show license evaluation**
	StoreIndex: 0 Feature: VMIVR-VM-MBX Version: 1.0
	  License Type: Evaluation
	  License State: Active, Not in Use, EULA not accepted
	    Evaluation total period: 8 weeks 4 days
	    Evaluation period left: 8 weeks 4 days
	  License Count: 600 / 0
	  License Priority: None
	StoreIndex: 1 Feature: VMIVR-PORT Version: 1.0
	  License Type: Evaluation
	  License State: Active, Not in Use, EULA not accepted
	    Evaluation total period: 8 weeks 4 days
	    Evaluation period left: 8 weeks 4 days
	  License Count: 60 / 0
	  License Priority: None
	StoreIndex: 2 Feature: VMIVR-IVR-SESS Version: 1.0
	
	  License Type: Evaluation
	  License State: Active, Not in Use, EULA accepted
	
	    Evaluation total period: 8 weeks 4 days
	    Evaluation period left: 8 weeks 4 days
	  License Count: 60 / 0
	  License Priority: Low
		Unity Express 9.0.5 and later versions. Use **show license status** command to view the license status.

Step 2	**license activate voicemail mailboxes** **Example:** cue# **license activate voicemail mailboxes 275** Evaluation licenses are being activated in the device for the following feature(s): Feature Name: VMIVR-VM-MBX PLEASE READ THE FOLLOWING TERMS CAREFULLY. INSTALLING THE LICENSE OR LICENSE KEY PROVIDED FOR ANY CISCO PRODUCT FEATURE OR USING SUCH PRODUCT FEATURE CONSTITUTES YOUR FULL ACCEPTANCE OF THE FOLLOWING TERMS. YOU MUST NOT PROCEED FURTHER IF YOU ARE NOT WILLING TO BE BOUND BOUND BY ALL THE TERMS SET FORTH HEREIN. You hereby acknowledge and agree that the product feature license is terminable and that the product feature enabled by such license may be shut down or terminated by Cisco after expiration of the applicable term of the license (e.g., 30-day trial period). Cisco reserves the right to terminate or shut down any such product feature electronically or by any other means available. While alerts or such messages may be provided, it is your sole responsibility to monitor your terminable usage of any product feature enabled by the license	Use this command to activate the license for mailboxes. It presents the End User License Agreement if it was not accepted earlier. **Note** The **license activate voicemail mailboxes** command is not supported from Cisco Unity Express Virtual Release 9.0.3 onwards. The license for mailboxes are enabled by default.

	Command or Action	**Purpose**
	and to ensure that your systems and networks are prepared for the shut down of the product feature. You acknowledge and agree that Cisco will not have any liability whatsoever for any damages, including, but not limited to, direct, indirect, special, or consequential damages related to any product feature being shutdown or terminated. By clicking the "accept" button or typing "yes" you are indicating you have read and agree to be bound by all the terms provided herein. ACCEPT? [y/n]? **yes** License activation count saved for use at next reload	
Step 3	**license activate ports** **Example:** cue# **license activate ports 4**	Use this command to activate the license for ports. The output is similar to the output for activating the license for mailboxes as shown in the previous step. **Note** The **license activate ports** command is not supported from Cisco Unity Express Virtual Release 9.0.3 onwards. The license for ports are enabled by default.
Step 4	**license activate ivr sessions** **Example:** cue# **license activate ivr sessions 2**	Use this command to activate the license for IVR sessions. The output is similar to the output for activating the license for mailboxes as shown in the previous step.
Step 5	**reload**	Reloads the system. **Note** From Cisco Unity Express Virtual Release 9.0.5 onwards, reload is not required for activating the licenses for IVR sessions. You need to log out from the Cisco Unity Express GUI, and log in again to view the IVR pages.

Step 6	**show license in-use**
	
	Example:
	
	cue# **show license in-use**
	StoreIndex: 0 Feature: VMIVR-VM-MBX
	Version: 1.0
	  License Type: Evaluation
	  License State: Active, In Use
	    Evaluation total period: 8 weeks 4 days
	    Evaluation period left: 8 weeks 3 days
	    Expiry date: Sun Jul 5 16:08:06 2016
	  License Count: 600 /275
	  License Priority: Low
		Use this command to verify that the evaluation license is being active. This command is not applicable for Cisco Unity Express 9.0.5 and later versions. Use **show license status** command to view the license status.

Installing Cisco Unity Express Virtual using Permanent Licenses

Follow these steps to provide permanent license for Cisco Unity Express Virtual 9.0.

Step 1   Go to www.cisco.com go ordering and choose one of the ordering processes (via partner, Cisco direct, etc.) to order licenses. The SKU is used in the ordering process to specify the desired licenses for the Cisco Unity Express Virtual features that you want. When you purchase a license, you will receive a product activation key (PAK), which is an alphanumeric string that represents the purchase.

Step 2   To get your license file, go to the Cisco Product License Registration Portal at www.cisco.com go license and enter the appropriate information.

You must enter the PAK and the unique device identifier (UDI) of the device where the license will be installed. The UDI can be viewed via software using the **show license udi** command in privileged EXEC mode. The UDI has two main components: the product ID (PID) and the serial number (SN).

Step 3   Download the license file or receive the license file by e-mail.

Step 4   Repeat the appropriate steps above for each device you want to obtain a license.

Step 5   Copy the license file(s) to a FTP or TFTP server.

Installing Cisco Unity Express Virtual 9.0 using CLI

Follow these steps to install the licenses for Cisco Unity Express Virtual 9.0.

Step 1   Log in to the CLI.

Step 2   Enter **license install** *URL*: (*ftp://username:password@ip_address/path/license_file*), where *URL* is the URL where you copied the license.

Step 3   Activate the new license by entering **license activate**.

Step 4   Reload the module.

Step 5   Verify the license by entering one or more of the following, depending on what licenses were installed:

- **show license all**

- **show license in-use**

- **show license status application**