



## Cisco Smart Licensing

From Cisco Unity Express Release 9.0.5 onwards, only Cisco Smart Software Licensing is supported. In Cisco Smart Software Licensing, the purchased licenses are not tied to the hardware and Product Activation Key (PAK). Licenses can be configured by communication to the Cisco Smart Software Manager (CSSM) or Smart Software Manager satellite. You must purchase the licenses specific to Cisco Unity Express Virtual 10.1.

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## Configure Smart Licensing

Use this procedure to configure Smart Licensing:

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- Step 1** Launch Cisco Unity Express GUI, and choose Administration > Smart License > Configuration. The Configuration page appears.
- Step 2** To set up Transport mode, select one of the three modes under Transport Settings section.
- Direct—Select this option to send data directly to Cisco Smart Software Manager (CSSM).
  - Transport Gateway—Select this option to use a Cisco Call Home transport gateway or a premise-installed Smart Software Manager satellite. Specify the URL for the respective Smart Software Manager satellite or CSSM.
  - HTTP/HTTPS Proxy—Select this option to use an intermediate HTTP/HTTPS proxy to send data. Enter the proxy server address and port number in **IP Address** and **Port** fields respectively.
- Click Apply to update the Smart Licensing transport mode.
- Step 3** To generate a token ID, log in to your Smart Account in CSSM or your Smart Software Manager satellite. Navigate to the virtual account containing the licenses to be used by this product instance. Generate a product instance Registration Token, and copy or save the token ID.
- Step 4** To register your product instance, enter or paste your Token into the Product Instance Registration Token field under Smart Software Licensing Product Registration section. Then, click Register.
- Step 5** To re-register the product instance, enter or paste your Token into the Product Instance Registration Token field, select the Reregister this product instance if already registered check box, and then click Register.
- Step 6** To unregister the product instance, click Deregister.
- Step 7** To renew the ID certificate, click Renew Registration. By default, registration is automatically renewed every six months.

**Step 8** To renew authorization with CSSM or Smart Software Manager satellite, and enable the product instance to remain compliant, click Renew Authorization. By default, authorization periods are renewed every 30 days.

## View Smart License Summary

You can view the status of Smart License Registration, Authorization, and Usage from Cisco Unity Express GUI at: Administration > Smart License > License Summary.

### Smart Software Licensing Status

Parameter	Description
Registration Status	<p>Displays the current Smart License registration status.</p> <ul style="list-style-type: none"> <li>• Registered—The device instance is registered with CSSM or Smart Software Manager satellite.</li> <li>• Unregistered—Smart Software Licensing is enabled on the device, but the device instance is not registered with CSSM or Smart Software Manager satellite.</li> <li>• Registration Expired—The registration is not renewed prior to the expiration date, and the device instance has been removed from CSSM or Smart Software Manager satellite.</li> </ul>
Last Renewal Attempt	Displays the date and time of previous registration renewal.
Next Renewal Attempt	Displays the date and time of next registration renewal attempt.
Registration Expires	Displays the expiry date and time for the licenses. One year duration from the date of license registration.
Failure Reason	Provides the reason due to which the latest license registration failed.

Parameter	Description
License Authorization Status	<p>Displays the current Smart License authorization status.</p> <ul style="list-style-type: none"> <li>• Evaluation Mode—The device is running in evaluation mode. The evaluation period expires after 90 days.</li> <li>• Authorized—Registration has been completed with a valid Smart Account and license consumption has begun. The number of licenses consumed is less than the licenses available for use. This is an indication of being in compliance.</li> <li>• Out of Compliance—The device has exceeded the number of licenses that were purchased. The virtual account containing the product instance has a shortage of one or more of license types used.</li> <li>• Evaluation Expired—The Evaluation period has expired and the device instance will be in unlicensed state.</li> <li>• Authorization Expired—The authorization is not renewed prior to the expiration date.</li> </ul>
Last Authorization Attempt	Displays the date and time of previous authorization attempt.
Next Authorization Attempt	Displays the date and time of next authorization attempt.
Authorization Expires	Displays the expiry date and time for the license authorization.
Smart Account	Displays the name of the smart account to which the product is registered.
Virtual Account	Displays the name of the virtual account to which the product is registered.
Product Instance Name	<p>Displays the name of the product instance.</p> <p><b>Note</b> For 10.2.1 release, Once you change the hostname, perform reload to view the updated Product Instance Name.</p>
Export-Controlled Functionality	Specifies if the export controlled functionality is enabled for the product instance (Not applicable for Cisco Unity Express because Export Control functions are part of the underlying infrastructure that Cisco Unity Express runs on).

## Smart License Usage

Smart License Usage area displays the basic consumption statistics per license entitlement, and the compliance status for each license type.

Parameter	Description
License	Displays the name of the license.
Entitlement Tag	Unique string associated with the Cisco Unity Express smart licenses.

Parameter	Description
Count	Displays the number of active voice mailboxes or IVR sessions consumed by this product instance.
Status	Displays the compliance status of the license.