# **Configure Mediated Model to Synchronize CUCM** with Smart Accounts

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## Introduction

This document describes mediated model configuration to synchronize your Cisco Unified Communications Manager (CUCM) with your Smart accounts.

# Prerequisites

#### Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Unified Communications Manager (CUCM) version 12.0
- Cisco Smart Software Manager (CSSM) Satellite

#### **Components Used**

The information in this document is based on these software and hardware versions:

- Cisco Call Manager version 12.0
- Smart Software Manager Satellite

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

# **Background Information**

Cisco Smart Software Licensing simplifies the licensing experience across the enterprise making it easier to purchase, deploy, track and renew Cisco Software. It provides visibility into license ownership and consumption through a single, simple user interface.



- 1. You place an order on Cisco Commerce and associate the order with smart account. This information is populated on Software Manager, which resides on Cisco.com. Now, you have complete view of your orders and purchases.
- 2. The product that has smart licensing enabled (via CLI or GUI), registers to CSSM, and reports license consumption to CSSM.

Two models are there to report the usage:

- Direct Model- Customer Licensing information is where security is not a major concern. You can use HTTPS proxy or Transport Gateway to allow devices to talk to the through private network. This becomes the centralized access point for CSSM. All of this is HTTPS so it is secured.
- Mediated Deployment Model- This is for those who have security concerns. You do not want your devices to talk directly to Cisco.com from your private network. You can install CSSM Satellite on a VM, which resides on your premises, and acts as CSSM. It can be synchronized with CSSM on Cisco.com monthly, weekly, or totally disconnected. If you do not have an internet connection from your network, you can do file upload and download. All it needs to have is the synchronization to know the entitlement, as recommendation is to do the sync in 30 days.

#### Where do I Create Smart Accounts

- To create a Customer Smart Account, log into CSC with your CCO ID and initiate a request for a Customer Smart Account.
- To create a Partner Holding Smart Account, log in to CSC with your CCO ID and initiate a request for a Partner Holding Account.
- You can also initiate a request for either type of Smart Account when ordering in CCW. Although, the recommended best practice is to proactively set up your Smart Accounts.

Note: There is no upper limit; you can create as many Virtual Accounts as your company needs.

#### **Cisco Smart License Manager Service**

Cisco Smart License Manager Service is a network service running only on CUCM publisher. Since this is a network service, it runs all the time and cannot be started or stopped from UI or CLI. Since no service runs on subscriber, none of the smart licensing operations can be done from the sub. The CLI commands also do not provide any output on sub,

#### **Smart Licensing States in UCM**

There are two main statuses in Smart Licensing :

Registration Status: There are 3 registration status types:

- 1. Unidentified / Unregistered
- 2. Registered
- 3. Unregistered-registered Expired

Authorization Status:

- No License in use
- Evaluation Mode
- Evaluation Expired
- Authorized
- Out of compliance
- Authorization Expired

Registration Status	Authorization Status	Evaluation period(90 days)	Overage period(90 days)	Enforcement? (Do not allow provisioning of users/devices)	Comments	Message on UI
Unregistered OR Registration Expired	Evaluation Mode	Start with 90 and will decrement if UCM is consuming licenses	.NA	No	Evaluation period is used when you consume licenses	Smart Software Licensing: The system is currently unreg remaining. Register with Smart Software Manager or Sma to provision users and devices.
Unregistered OR Registration Expired	Evaluation Expired	0 days	NA	Yes		Smart Software Licensing: The system is currently unreg with Smart Software Manager or Smart Software Manager and devices.
Registered OR Unregistered OR Registration Expired	No Licenses in Use	NA	NA	No		
Registered	Authorized	NA	NA	No		
Registered	000	NA	Overage period remaining	No till overage period is applicable Yes after overage days(90 days) are over		Smart Software Licensing: The system is operating with a licenses in Smart Software Manager within 90 days to avo
Registered	Authorization Expired	NA	Same as above	Same as above		Smart Software Licensing: The system has not connected satellite for 90 days and the license authorization has exp the license authorization within 90 days to avoid losing th

In addition to the previous smart licensing statuses, UCM provides an overage period of 90 days (This is a concept already present in pre 12.0 with classic licensing. UCM can continue providing the overage period to customers with smart licensing as well).

# **Configure (Mediated Deployment)**

#### Prerequisites

These ports must be enabled for communication with CSSM:

- User Interface: HTTPS (port 8443)
- Product Registration: HTTPS (port 443), HTTP (port 80)
- Communication to CSSM: HTTPS (tools.cisco.com, api.cisco.com, cloudsso.cisco.com), port 443

There are 2 deployment options under mediated deployment model,

Connected using Proxy Server: Here you can use the proxy server to facilitate connectivity between CUCM and Smart Account.

Disconnected: Used when there is NO direct connectivity from CUCM / Satellite to Cisco.com. Smart Account Synchronization must be done using file upload and download manually.

#### **Configuration (Satellite)**

**Note**: For the first time log in, the default credential for satellite log in is Admin/Admin!23.

Q https://10.10	16.81.131:8443/#/reister_satellite		Q Se
	Smart Software Manager satellite	admin	Log Out
	Satellite Setup		
	Choose whether to configure this as a new satellite or by importing data from an existing backup file.		
	Configure as new satellite.     Configure by importing data from a satellite backup file - this will restore configuration settings, including registered product instances.     Browse No file selected.     Restore		
	Back Next		

### Smart Software Manager satellite

Satellite Se	etup				
Network Settings	Setup Method	Register Satellite	Synchronization Settings	Summary	
Unless the ensure su	e time on the sat ure that the platfor	ellite is accurate, synchr m the satellite is runnin	onization with the Cisco Sm g on is configured to use ar	art Software Manager will fail. Verify that the time displayed below is a NTP server.	accu
Administration	n Network Inte	erface - eth0		Edit N	letwo
Status:	Enabled 🗸	Connected			
Hardware Addres	s: 00:50:56:bd:7	b:93			
IPv4:		IPv6:			
Configuration: st	atic	Configuration: not con	figured		
IP Address: 10	).106.81.131	IP Address:			
Subnet Mask: 25	55.255.255.192	Prefix Length:			
Gateway: 10	0.106.81.129	Gateway:			
DNS Settings					
DNS Servers:	10.106.97.145				
Search Domains:					
NTP Settings					
Current Time on S	Satellite: 2018-Ja	n-26 13:45:12 UTC			
Selected NTP Ser	ver: pool.ntp	org Sync Time Now			
CSPC Specific	Settings				
If you are a CSPC	customer, use "E	dit Network Settings" to	configure the Public IP Add	ress or FQDN. Otherwise, please ignore this field.	
Back Next					

#### 1. Choose Manual Setup and download the Registration File.

Q https://10.106.81.131:8443/#/reiste	r_satellite
Smart Softw	are Manager satellite
Satellite Se	tup
<ul> <li>Network Setting</li> </ul>	s Setup Method Register Satellite Synchronization Settings Summary
Before the satellite application to have	can be configured, it must first be registered with your Smart Account using Smart Software Manager. Choose a registration method t internet access.
O Network Set	up - the setup utility will connect to Cisco to complete the registration.
🚺 When	) you click the Next button you will be redirected to a login page to enter your Cisco.com user name and password.
Manual Setu     Back Next	ι <b>p -</b> the setup utility will generate a file that you will need to upload to Smart Software Manager to complete the registration.
Smart Software Manag	er satellite
Satellite Setup	

2. Log into your Smart Account in <u>Smart Software Manager</u>

3. Navigate to **Satellites** under the section of Smart Software Manager and click **New Satellite...** button

Add a new satellite. Associate the newly created virtual account to the satellite. Once this is done, generate the authorization file.

ululu cisco						
Cisco Software Central > Smart S Smart Software Li	ioftware Licensing Censing				English [ C	hange] 💄
Alerts   Inventory   License Co	nversion   Reports   Pref	erences   Satell	tes Activity			
Satellites						
New satelite					Search by Name	,
Name	Product Instan	ces Last Synchro	onization	Synchronization Due	Version	Alerts
			No Record	is Found		

#### New satellite

Enter a name, select the satellite Registration File generated by the Smart Software Manager satellite setup wizard and choose one or more virtual accounts to associate with this satellite. This will generate a satellite Authorization file for you to download and use to complete the registration on the satellite.

0 X

* Satellite Name:	Abhineet	
* Registration File:	Choose File smart-satellite-registration-request_	20180126-084851.yml
* Virtual Accounts:	abhineet_cucm	▼ Add ()
Name	Description	Actions
	Select or add at least one virtual account above	

el	Cancel	Generate Authorization File

Aut	horization File Generated	×		
	The Satellite Authorization File was successfully generated. Download the file and install it using the Smart Software Manager satellite setup tool.			
	Download Authorization File Clos	e		

- 4. In order to complete registration process, navigate to the **satellite** log in and upload the authorization file. Satellite restarts. Now the satellite is synced to the virtual account.
- 5. Log in to **satellite** and generate a token.
- 6. Navigate to CUCM admin page > System > Licensing > License Management > View/Edit the Licensing Smart Call Home settings and then set the SSM satellite URL to <u>Device Request</u> <u>Handler</u>(10.106.81.131 is the IP address of the satellite configured) and save, as shown in the image.

Transport Settings - Mozilla Firefox	-		×
🛈 🐔 https://10.106.97.141/ccmadmin/licensingTransportSettings.d	•••	◙	☆ Ξ
Status Status: Ready			
Configure how the product instance will communicate with Cisc	o.		
O Direct - product communicates directly with Cisco licensing servers. URL : https://tools.cisco.com/its/service/oddce/services/D	DCES	ervice	
Transport Gateway - proxy data via Transport Gateway or Smart Software M     URL : .81.131:443/Transportgateway/services/DeviceReg	lanage uestHa	r sate indler'	llite.
O HTTP/HTTPS Proxy - send data via an intermediate HTTP or HTTPS Proxy. IP Address/Host Name :			
Port : 443			
	S	ave	Close

7. Click **Register** and paste the token generated in step 6.

My Work Zone - Console X   D No KW Skill Packages Active X   and License Management X	Cisco Software Central X   +
	Segister Window - Mozilla Firefox —
← → C û	
Cisco Unified CM Administration For Cisco Unified Communications Solutions	Status
System 🔻 Call Routing 👻 Media Resources 👻 Advanced Features 👻 Device 👻 Application 👻 User Management 💌	(i) Status: Ready
License Management	Smart Software Licensing Product Registration
-Status You are currently Unregistered. To register your system with Cisco Smart Software licensing:	To register the product for Smart Software Licensing:
Ensure your system has access to the internet or a Smart Software Manager satellite installed on your net     Cogin to your smart account in <u>Smart Software Manager</u> 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(to identify your Smart Account) and copy or save it.     Refurs to this page click the Registration dues the copied or saved Token to register the product.	Paste the Product Instance Registration Token you generated from <u>Smart So</u> or your Smart Software Manager satellite
- Recurrice case pages each are Register eacons and use the copies of sames reven to register the product	MWUIIMic1NiVYm9i7S00MW7mITo4MsktMm7mMGU3YTE0Ym0viTE1NDo3ND
-Smart Software Licensing	z%0ANjg2ODl8c1BIZE9YVVFYampYbElIRjl6YUwyRGo2YndXc1VsRSt1WHhBM2
Registration Status	P%60AeDgwRT0%53D%60A
License Authorization Status	
Transport Settings HT	1
Licensing Mode En	t
Register	
-License Usage Report	-
(i) Below is a summary of current license usage on the system. Current usage details for each type are available	Reregister this product instance if it is already registered
View All License Type Descriptions And Device Classifications	Reg
Update Usage Details Usage Details Last Updated: 2018-01-29 13:28:34	
CLicense Requirements by Type	

#### **Configuration (Proxy Server)**

- 1. Instead of using satellite server, you can also use proxy server. If CUCM is already registered via Direct Method or satellite, first deregister and navigate to **System > Licensing > License management**. Here you have Actions Tab, **selectderegister**.
- 2. If CUCM is not registered, directly choose **View/Edit**, the licensing Smart Callhome settings. Here add proxy server details, and be sure that proxy server has connectivity to tools.cisco.com so that CUCM can be synced to the virtual account via proxy server.

🌖 Transport Settings - Mozilla Firefox	-		×
🗊 🔒 https://10.106.111.182/ccmadmin/licensingTransportSettings 🔳		♥ ☆	] ≡
Status			
i Status: Ready			
Configure how the product instance will communicate with Cisc	<b>D.</b>		
O Direct - product communicates directly with Cisco licensing servers.	DOES		
O Transport Gateway - proxy data via Transport Gateway or Smart Software M	anage	r satellite.	
URL :     URL :     ORL :     O			
IP Address/Host Name :			
Port : 8080	S	ave C	ose

3. Generate Token request from virtual account.

cisco	Products & Services	Support	How to Buy	Training & Events	Partners
Cisco Software Central > Smart Softwa	smart Software Licensing				English [ Change
Alerts Inventory I	License Conversion   Reports   Pre	ferences   Satel	ites Activity		
Virtual Account:	TAC-CollabTesting				
General Licer	nses Product Instances E	vent Log			
Virtual Account					
Description:	Creating this V	A for TAC team to t	est Smart licensing for	UCM 12.0 release	
Default Virtual Acco	unt: No				
Product Instance I The registration tokens	Registration Tokens s below can be used to register new prod	uct instances to thi	s virtual account.		
New Token					
Token	Expiration Date	0	escription	Export	-Controlled
M2IwNWNkYWQtMjV	/IMS00MT. 2019-Jan-26 09:31:55 (	in 365 days) p	rerna-cucm	Allowe	d

4. Navigate to **CUCM**. Here, click **register** and paste the token copied in Step 3.

🧼 My Work Zone - Console 🛛 X   🧼 No KW Skill Packages Active 🛛 📷 License Management	X Cisco Software Central X +
← → C û f https://10.106.111.182/ccmadmin/licensingreportEdit.do	Segister Window - Mozilla Firefox
Cisco Unified CM Administration For Cisco Unified Communications Solutions System  Call Routing  Media Resources  Advanced Features  Device  Application  User Management	Status
License Management	Smart Software Licensing Product Registration
-Status You are currently Unregistered. To register your system with Cisco Smart Software licensing: - Ensure your system has access to the internet or a Smart Software Manager satellite installed on your nei - Login to your smart account in <u>Smart Software Manager</u> 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(to identify your Smart Account) and copy or save it Return to this page, click the Register button, and use the copied or saved Token to register the product.	To register the product for Smart Software Licensing: tw Paste the Product Instance Registration Token you generated from <u>Smart Sof</u> or your Smart Software Manager satellite Product Instance Registration Token:
Smart Software Licensing Registration Status License Authorization Status Transport Settings Licensing Mode Register	MWU1Mjc1NjYtYmRiZS00MWZmLTg4MzktMmZmMGU3YTE0YmQyLTE1NDg3ND z%pANjg2ODl8c1BIZE9YVVFYampYbElIRjl6YUwyRGo2YndXc1VsRSt1WHhBM2 P%pAeDgwRT0%3D%pA
License Usage Report Below is a summary of current license usage on the system. Current usage details for each type are availa <u>View All License Type Descriptions And Device Classifications</u>	BRENE BREN BREN
Update Usage Details Usage Details Last Updated: 2018-01-29 13:28:34	
License Requirements by Type	

# Verify

advantage and a second a secon	Device      Application      User Management	Bulk Administration * Help *									
License Management											
Smart Software Licensing											
Registration Status		Registered									
License Authorization Status		Authorized (Friday, January 26, 2018 3:12:59 PM IST)									
Smart Account Virtual Account Transport Settings		BU Production Test TAC-Collab Testing Direct View/Edit the Licensing Smart Call Home settings									
						Licensing Mode		Enterprise			
						License Usage Report					
Below is a summary of current license usage on the system. <u>View All License Type Descriptions And Device Classifications</u> Update Usage Details Usage Details Last Updated: 2018-01-20	Current usage details for each type are avai 5 15:12:43	lable by pressing "Update Usage Details". Note that collecting these data is a resou	rce intensive process and may take severa								
License Requirements by Type											
License Type	Current Usage	Status									
CUWL	0	Mo Licenses in Use	Users( 0 )   Unassigned Devices( 0 )								
Enhanced Plus	0	Vo Licenses in Use	Deeref (0.)								
		_	Service of the servic								
Enhanced	5	Authorized	Users(1)   Unassigned Devices(4)								
Enhanced Basic	5	☑ Authorized ☑ Authorized	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0)								
Enhanced Basic Essential	5 2 0	☑ Authorized ☑ Authorized ☑ No Licenses in Use	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room	5 2 0 0	☑ Authorized ☑ Authorized ☑ No Licenses in Use ☑ No Licenses in Use	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room	5 2 0 0	☑ Authorized ☑ Authorized ☑ No Licenses in Use ☑ No Licenses in Use	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room -Users and Unassigned devices	5 2 0 0	Authorized  Authorized  No Licenses in Use No Licenses in Use View Usage Report	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room Users Users Users Unassigned Devices	5 2 0 0	Authorized  Authorized  No Licenses in Use  No Licenses in Use  View Usage Report View Usage Report	Users(1)   Unassianed Devices(4) Users(2)   Unassianed Devices(0) Users(0)   Unassianed Devices(0) Users(0)   Unassianed Devices(0)								
Enhanced Basic Essential TelePresence Room 	5 2 0 0 3 4	Image: Second state         Image: Second st	Users(1)   Unassianed Devices(4) Users(2)   Unassianed Devices(0) Users(0)   Unassianed Devices(0) Users(0)   Unassianed Devices(0)								
Enhanced Basic Essential TelePresence Room Users and Unassigned devices Users Unassigned Devices	5 2 0 0	Authorized  Authorized  No Licenses in Use  View Usage Report View Usage Report	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room Users Users Unassigned Devices Smart Licensing Product Registration The licenses for this system are managed by <u>Smart Software Ha</u>	5 2 0 0 3 4 	Image: Second secon	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room 	5 2 0 0 3 4	Image: Second state of the second	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room Users and Unassigned devices Users Unassigned Devices Smart Licensing Product Registration The licenses for this system are managed by <u>Smart Software Ma</u>	5 2 0 0 0	Image: Second state in the second	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								
Enhanced Basic Essential TelePresence Room Users and Unassigned devices Users Unassigned Devices Smart Licensing Product Registration The licenses for this system are managed by <u>Smart Software Mar</u>	5 2 0 0 3 4	Image: Second state st	Users(1)   Unassigned Devices(4) Users(2)   Unassigned Devices(0) Users(0)   Unassigned Devices(0) Users(0)   Unassigned Devices(0)								

Show license summary.

Smart Licensing is ENABLED.

Registration: Status: REGISTERED Smart Account: BU Production Test Virtual Account: TAC-CollabTesting Last Renewal Attempt: None Next Renewal Attempt: Jul 25 15:11:23 2018 IST License Authorization: Status: AUTHORIZED Last Communication Attempt: SUCCEEDED Next Communication Attempt: Feb 25 15:12:59 2018 IST License Usage: License Entitlement Tag \_\_\_\_\_ regid.2017-02.com.cisco.UCM\_CUWL,12.0\_cc59375a-1cd8-4b36-8366-6f4d2abba965 regid.2016-07.com.cisco.UCM\_EnhancedPlus,12.0\_d8372792-588c-4caa-b279-8587 66d0d1cf-4863-4761-91d0-d01d3eb1949aregid.2016-07.com.cisco.UCM\_Enhanced,12.0\_66d0d1cf-4863-4761-91d0ef827a2f-f4ae-4ebb-887f-052737063d3aregid.2016-07.com.cisco.UCM\_Basic,12.0\_ef827a2f-f4ae-4ebb-887f-052 regid.2016-07.com.cisco.UCM Essential,12.0 25f9c396-c67c-4519-aa98-d4b3ad2

regid.2016-07.com.cisco.UCM\_TelePresenceRoom,12.0\_d9a71418-29e9-4c9a-9d3a

Show license UDI.

UDI: PID:UCM, SN: 37624, UUID: 6fe83addc80240bc92dc071ac7a37624

Show license all.

Smart Licensing Status \_\_\_\_\_ Smart Licensing is ENABLED Registration: Status: REGISTERED Smart Account: BU Production Test Virtual Account: TAC-CollabTesting Export-Controlled Functionality: Allowed Initial Registration: SUCCEEDED on Jan 26 15:11:23 2018 IST Last Renewal Attempt: SUCCEEDED on Jan 26 15:11:23 2018 IST Next Renewal Attempt: Jul 25 15:11:23 2018 IST Registration Expires: Jan 26 15:06:21 2019 IST License Authorization: Status: AUTHORIZED on Jan 26 15:12:59 2018 IST Last Communication Attempt: SUCCEEDED on Jan 26 15:12:59 2018 IST Next Communication Attempt: Feb 25 15:12:59 2018 IST Communication Deadline: Apr 26 15:06:59 2018 IST Evaluation Period: Evaluation Mode: Not In Use EVALUATION PERIOD EXPIRED on Nov 9 23:46:35 2017 IST License Usage

```
_____
License Authorization Status: AUTHORIZED as of Jan 26 15:12:59 2018 IST
 (regid.2017-02.com.cisco.UCM_CUWL,12.0_cc59375a-1cd8-4b36-8366-6f4d2abba965)
 Description: null
 Count: 0
 Version: 12.0
 Status: Init
 (regid.2016-07.com.cisco.UCM_EnhancedPlus,12.0_d8372792-588c-4caa-b279-8587e5ce2f82)
 Description: null
 Count: 0
 Version: 12.0
 Status: Init
UC Manager Enhanced License (12.x) (regid.2016-07.com.cisco.UCM_Enhanced,12.0_66d0d1cf-4863-4761-91d0-d0
 Description: UC Manager Enhanced License
 Count: 5
 Version: 12.0
 Status: InCompliance
UC Manager Basic License (12.x) (regid.2016-07.com.cisco.UCM_Basic,12.0_ef827a2f-f4ae-4ebb-887f-0527376
 Description: UC Manager Basic License
 Count: 2
 Version: 12.0
 Status: InCompliance
 (regid.2016-07.com.cisco.UCM_Essential,12.0_25f9c396-c67c-4519-aa98-d4b3ad18f805)
 Description: null
 Count: 0
 Version: 12.0
 Status: Init
 (regid.2016-07.com.cisco.UCM_TelePresenceRoom, 12.0_d9a71418-29e9-4c9a-9d3a-1366ebe38e7c)
 Description: null
 Count: 0
 Version: 12.0
 Status: Init
Product Information
_____
UDI: PID:UCM, SN: 37624, UUID: 6fe83addc80240bc92dc071ac7a37624
Agent Version
_____
Smart Agent for Licensing: 1.3.4
```

### Troubleshoot

Collect the logs for troubleshooting issues related to registration:

- Packet capture from CUCM CLI
- License Manager logs
- Diagnostic logs from satellite

#### **Known Bugs**

Cisco bug ID <u>CSCvh16069</u>: Cisco Smart licensing satellite cannot borrow license from higher level to make it compliant.

Cisco bug ID <u>CSCvf86710</u> : Cisco Smart License Manager platform service does not run.

Cisco bug ID <u>CSCvc94366</u> :CUCM smart license registration to CSSM does not accept the proxy port 443.

Cisco bug ID CSCvh72897

: Unable to use proxy server when authorization is enabled on proxy server.

### **Related Information**

**Smart Software Manager Satellite Installation Guide Cisco Smart Software Manager Satellite User Guide** 

**Technical Support & Documentation - Cisco Systems**