

配置UCCX智能许可 — 直接模式

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简介

本文档介绍在联系中心快捷版上启用智能许可的配置。

先决条件

要求

Cisco 建议您了解以下主题：

思科统一联系中心快捷版(UCCX)12.5版

使用的组件

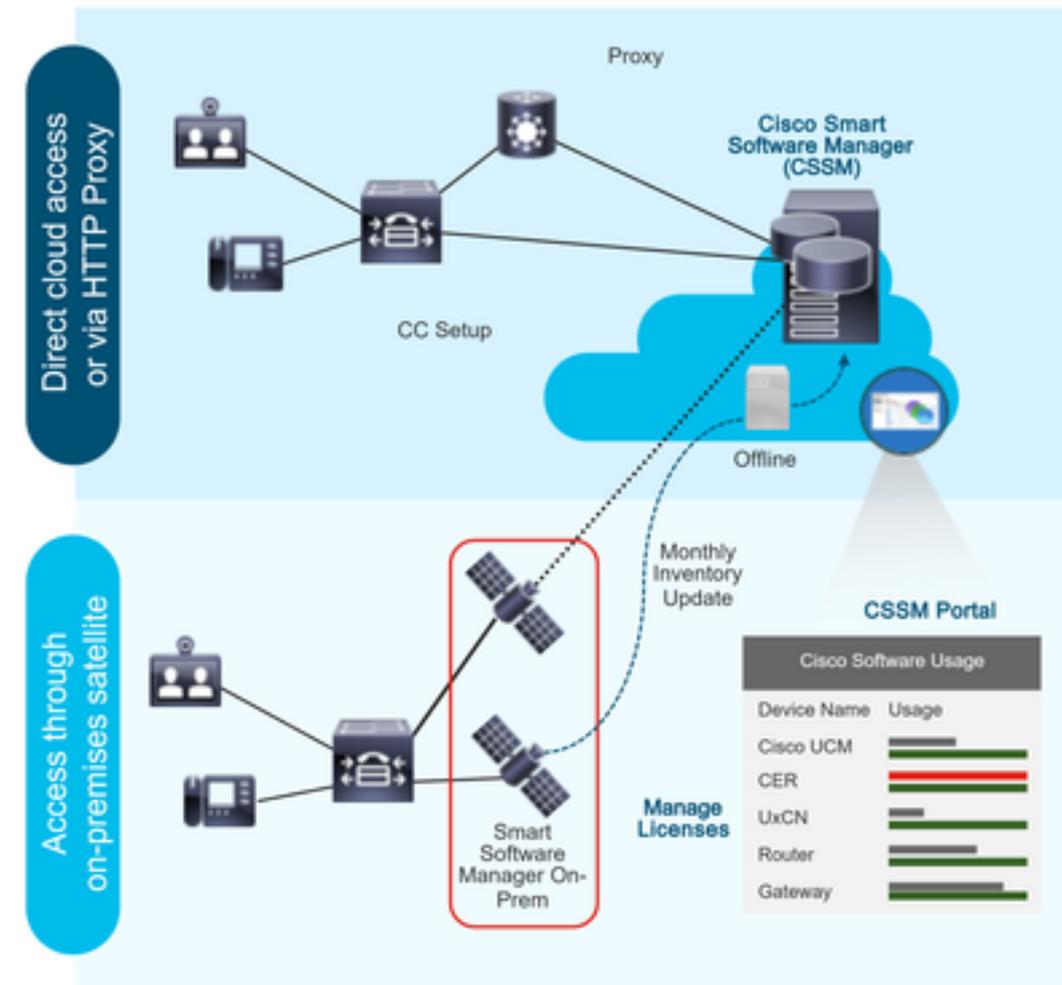
思科统一联系中心快捷版(UCCX)12.5版

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

背景信息

智能许可概述

思科智能软件许可是思考许可的新方式。它简化了整个企业的许可体验，并使购买、部署、跟踪和续约思科软件变得更轻松。它通过一个简单的用户界面提供许可证所有权和使用情况的可视性。



您在思科商务工作空间下单，并且订单与智能帐户关联，此信息会填入位于思科网站上的智能软件管理器。现在，您可以全面了解您订购和购买的产品。

启用智能许可的产品（通过CLI或GUI）注册到CSSM，它们向CSSM报告许可证消耗。

部署类型

报告使用情况有两种模型：

直接模型 — 在设备可以直接与互联网通信或通过HTTPS代理连接到互联网的环境中使用此模型。与CSSM的通信是通过HTTPS进行的，因此所有流量在传输中都加密。如果流量通过HTTPS代理或传输网关发送，则如果需要应用其他检查或安全策略，则设备和CSSM之间的所有通信都会通过集中位置进行。

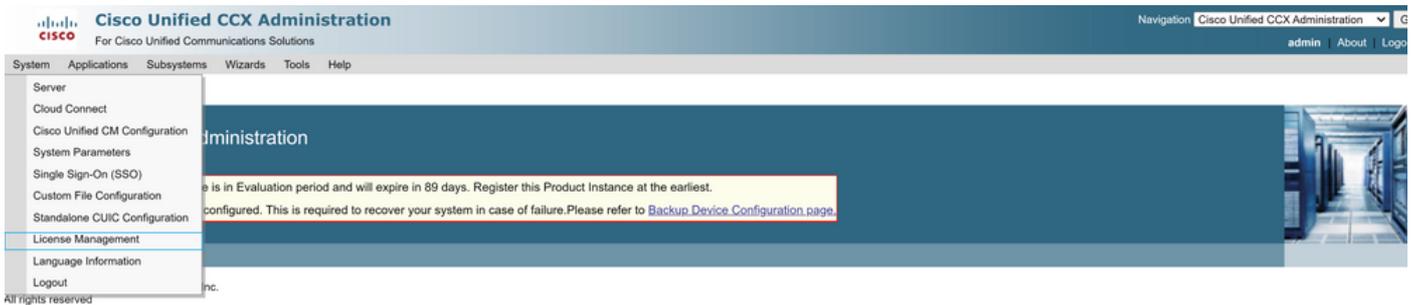
中介部署模型 — 在设备没有任何连接互联网的形式，因此无法到达CSSM的网络中使用此模型。此部署模式要求您在本地安装CSSM卫星虚拟机，然后所有内部主机都可访问该虚拟机。本地卫星可以与CSSM每月、每周同步的连接模式部署，也可以以完全断开的配置部署，这需要手动上传和下载文件来使卫星保持同步。建议至少每30天执行一次同步。

配置

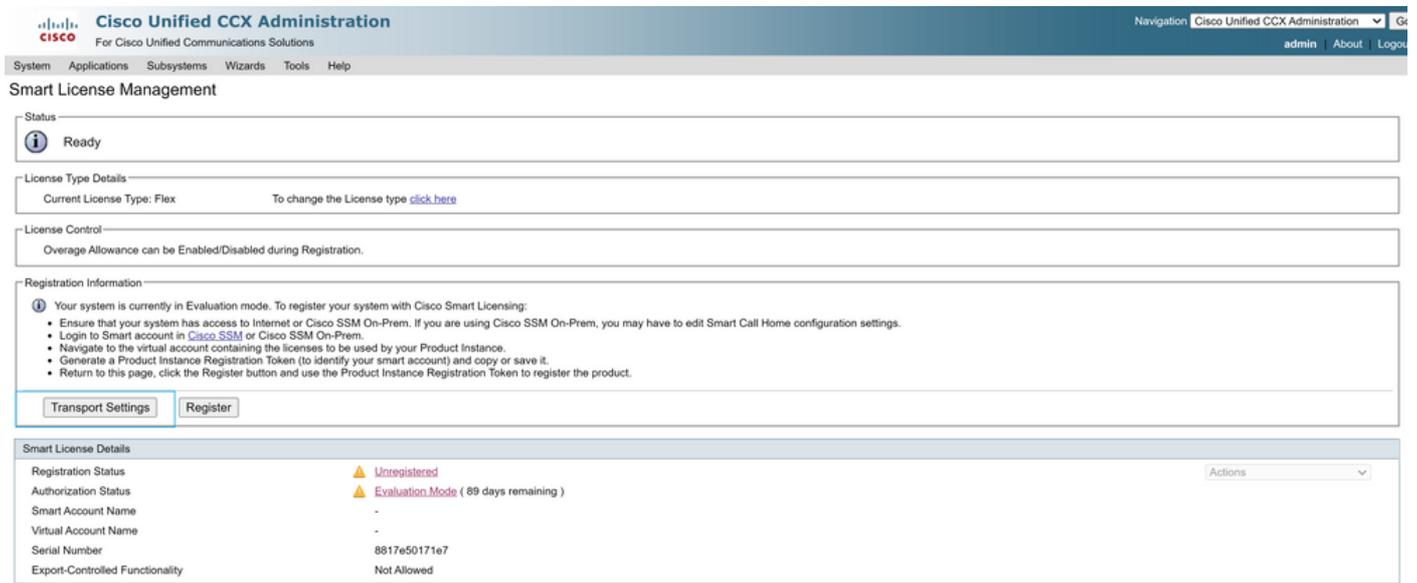
配置

直接连接

在UCCX管理页面下，导航至System > Licensing > License Management >Transport设置，选择直接连接选项并选择测试连接选项。测试连接成功后，选择保存选项。



This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately. A summary of U.S. laws governing Cisco cryptographic products may be found at: <http://www.cisco.com/ww/export/crypto/tool/storg.html>. If you require further assistance please contact us by sending email to export@cisco.com.



Transport Settings



Configure how the product will communicate with Cisco. Note that this setting is shared with Smart Call Home, so any changes made here will apply to other features using this service.

- Direct** - product communicates directly with Cisco's licensing servers.
URL: "https://tools.cisco.com/its/service/oddce/services/DDCEService"
- Transport gateway** - proxy data via Transport Gateway or Cisco SSM On-Prem
URL:
- HTTP/HTTPS proxy** - send data via an intermediate HTTP or HTTPS proxy
Host Name:
Port:



身份验证令牌生成

1. 使用您的[用户名](#)和密码登录<https://software.cisco.com/>。
2. 在智能软件许可下选择资产
3. 选择新令牌
4. 输入说明、使用后过期和使用次数
5. 选择创建令牌选项
6. 复制生成的令牌

Virtual Account: UCCX_TAC ▾

General Licenses Product Instances Event Log

Local Virtual Account

Description

Default Local Virtual Account: No

Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this Local Virtual Account. For products which support Smart Transport you must configure the "license smart url" on the product to use the [Smart Transport Registration URL](#). For legacy products which still use Smart Call Home, you must configure "destination address http" on the product to use the [Smart Call Home Registration URL](#). The recommended method is Smart Transport. Please consult your Products Configuration Guide for setting the destination URL value.

[New Token...](#)

Create Registration Token ✕

This dialog will generate the token required to register your product instances with your Alpha Account.

Virtual Account	UCCX_TAC
Description	<input type="text" value="UCCX"/>
Expire After	<input type="text" value="30"/> Days <small>Enter the value between 1 and 365, but Cisco recommends a maximum of 30 days</small>
Max. Number of Uses	<input type="text" value="5"/> <small>The token will be expired when either the expiration or the maximum uses is reached</small>

Allow export-controlled functionality on the products registered with this token ⓘ

Create Token

Cancel

Registration Token ✕

```
NTU5ODM5MDktMWEwOS00NjNjLThhNWEtMGI1MjY0MzEzYTBhLT  
E2NTA1MDU0%0ANTU0MzB8VVM5OXU4cFpUaU9jRUtWTVdtaUpL  
N3N6U0F4M2RZUmdTY0pOMCtx%0Ab0NMRT0%3D%0A
```

Press ctrl + c to copy selected text to clipboard

使用智能帐户注册

1. 选择智能许可管理中的注册选项

2. 粘贴复制的注册令牌

3. 选择注册选项

Smart License Management

Status Ready

License Type Details
Current License Type: Flex To change the License type [click here](#)

License Control
Overage Allowance can be Enabled/Disabled during Registration.

Registration Information
i Your system is currently in Evaluation mode. To register your system with Cisco Smart Licensing:

- Ensure that your system has access to Internet or Cisco SSM On-Prem. If you are using Cisco SSM On-Prem, you may have to edit Smart Call Home configuration settings.
- Login to Smart account in [Cisco SSM](#) or Cisco SSM On-Prem.
- Navigate to the virtual account containing the licenses to be used by your 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 Product Instance Registration Token to register the product.

Transport Settings Register

Smart License Details

Registration Status	▲ Unregistered	Actions ▼
Authorization Status	▲ Evaluation Mode (89 days remaining)	
Smart Account Name	-	
Virtual Account Name	-	
Serial Number	8817e50171e7	
Export-Controlled Functionality	Not Allowed	

Smart Licensing Product Registration

Status

 Ready

- Ensure that you have connectivity to the URL specified in your Smart Call Home settings. By default this requires internet access. See the online help for registering to a Cisco SSM On-Prem.
- To register the product instance, copy the Product Instance Registration Token generated from [Cisco SSM](#) or your Cisco SSM On-Prem.

Product Instance Registration Token

```
NTU5ODM5MDktMWEwOS00NjNjLThhNWetMGI1MjY0MzEzYTBlTE2NTA1MDU0
%0ANTU0MzB8VVM5OXU4cFpUaU9jRUtWTVdtaUpLN3N6U0F4M2RZUmdTY0pOM
Cbc%0Ab0NMRT0%3D%0A]
```

Reregister this product instance if it is already registered

License Control

Current License Type: Flex

Overage Allowance: Enable Disable

Number of Standard Seats*

Number of Premium Seats*

 * - indicates required item.

已知缺陷：[CSCwa92591](#) 由于证书更新，智能许可“通信发送错误”

验证

智能许可管理页面上的注册状态从“未注册”更改为“已注册”，授权状态从“评估模式”更改为“已授权”。

故障排除

1. 对于直接部署端口80和443，需要在防火墙上打开
2. 收集具有默认lib_license级别的集群视图守护程序和管理员日志，以进一步排除故障
3. 对于许可证计算，请为CCX引擎启用LIB_LICENSE和SS_RM到调试级别。
4. “可维护性”(Serviceability)页面下的Cisco Unified CCX Cluster View Daemon服务必须为

INSERVICE