

CUCM版本10.x许可证在PLM中迁移配置示例

目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[背景信息](#)

[配置](#)

[从早期CUCM版本获取许可证详细信息](#)

[在PLM中生成许可证迁移请求](#)

[获取并安装新许可证文件](#)

[验证](#)

[故障排除](#)

[相关信息](#)

简介

本文档介绍从以前的CUCM版本升级到CUCM版本10.x后，迁移Cisco Unified Communications Manager(CUCM)许可证所用的步骤。

先决条件

要求

本文档没有任何特定的要求。

使用的组件

本文档中的信息基于以下硬件和软件组件：

- CUCM版本10.x
- 许可证计数实用程序(LCU)工具
- Prime许可证管理器(PLM)

背景信息

从CUCM的早期版本迁移到CUCM版本10.x后，必须单独迁移许可证，因为CUCM版本10.x的许可由PLM管理。

此迁移可以有两种不同的方案：

- CUCM的早期版本已升级到版本10.x，并且仍在同一硬件上运行。
- CUCM的早期版本在不同硬件上运行，新版本(10.x)是全新安装，其中包含从早期版本导出的数据。

在第一个场景中，早于CUCM 9.x版的版本在虚拟机(VM)上运行，并升级到CUCM 10.x版。在这种情况下，迁移后，产品实例包含许可证详细信息，您可以使用许可证详细信息并将其转换为通过PLM中的许可证迁移选项对应的许可证。此外，您可以使用迁移报告从许可团队获取新的许可证文件。

第二种方案涉及从媒体融合服务器(MCS)迁移到思科统一计算系统(UCS)，迁移的CUCM实例不包含许可证详细信息。在此场景中，较早的CUCM版本在不同的服务器（例如MCS服务器）上运行。UCS中的VM上安装了相同的CUCM版本，VM上恢复了备份，然后将其升级到CUCM版本10.x。在这种情况下，升级的CUCM不包含来自旧服务器的许可证信息，这类似于CUCM 10.x版的新安装，涉及许可。

配置

本节介绍当CUCM的早期版本在不同硬件上运行时迁移许可证的过程，新版本(10.x)是使用从早期版本（第二场景迁移）导出的数据进行的全新安装。

从早期CUCM版本获取许可证详细信息

在开始升级之前，必须从早期CUCM版本获取许可证详细信息。要收集许可证详细信息，请完成以下步骤：

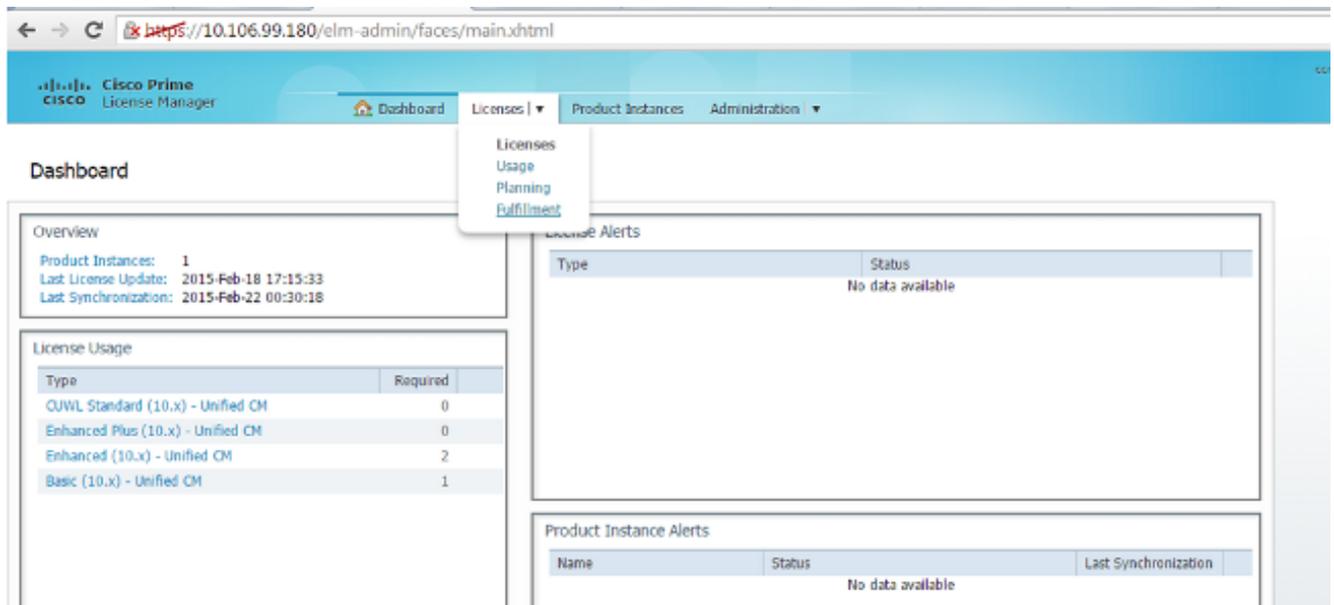
1. 导航至思科[下载软件](#)页。
2. 下载LCU工具的最新版本(LCUZIP-Ver9.1.2.zip)。
3. 在升级前运行该工具，以便从早期的CUCM集群生成许可证报告。

注意：此许可证信息稍后用于许可证迁移。

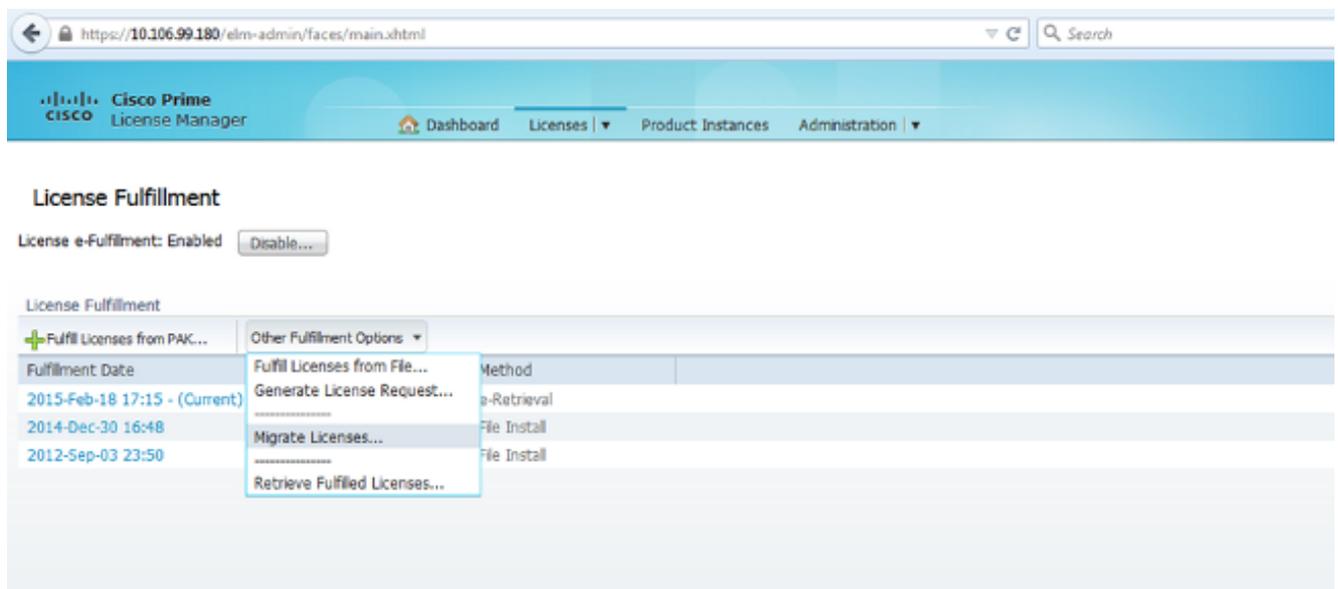
在PLM中生成许可证迁移请求

升级后，您必须在PLM中生成许可证迁移请求。要生成请求，请完成以下步骤：

1. 使用CUCM版本10.x管理页面凭证登录PLM，然后从“许可证”**下拉菜单**中选择“执行”：



2. 从“其他执行选项”下拉菜单中选择“迁移许可证.....”：



3. 为“产品类型”选择Unified CM，为“新许可证版本”选择10.X，然后单击“下一步”。

Choose Product Type

The following screens will assist you in migrating your licenses for use with Cisco Prime License Manager. Begin by selecting the product type to upgrade.

* Product Type:

* New License Version:

Process Overview: Migrating your licenses for use with Cisco Prime License Manager

Generate Request Submit Request Install License

- 1. Generate Request** Use this wizard to enter information about the instances with licenses to be migrated and generate a License Migration Request.
- 2. Submit Request** Email the License Migration Request to Cisco licensing support who will analyze your license usage and issue your license file via e-mail.
- 3. Install License** Use the Fulfill Licenses from File option on the Licenses page of Cisco Prime License Manager to install the license file.

4. 选中“显示其他Unified CM产品实例”复选框以查看当前升级的CUCM实例(10.x)。

注意：如果您已将同一盒中的VM从9.x版之前的CUCM版本升级到10.X版（第一个迁移方案），并且包含有效许可证，则您会在“可用产品实例”(Available Product Instances)列表中看到早期的CUCM版本。然后，您可以选择早期的CUCM版本，并将其移至“要迁移的产品实例”(Product Instances to Migrate)列表。

Migrate Licenses to Cisco Prime License Manager

Select from the instances below that have licenses eligible to be migrated for use with Cisco Prime License Manager. Product instances will only appear in the list if they are of the selected product type and version and have licenses installed that can be migrated.

| Available Product Instances | | | Product Instances to Migrate | | |
|---|--------------|---------|------------------------------|--------------|---------|
| Name | Product Type | Version | Name | Product Type | Version |
| <input checked="" type="checkbox"/> CUCM10* | Unified CM | 10.5.2 | No data available | | |

*Product instance contains no prior license usage data

 By default, only product instances containing license data from a pre-9.0 version of Unified CM are displayed above. If a product instance you upgraded is not in the list, click the checkbox below.

Show additional Unified CM product instances

5. 在“可用产品实例”(Available Product Instances)列表中显示产品实例后，选择该产品实例并单击>按钮，将其移至“要迁移的产品实例”(Product Instances to Migrate)列表。完成后单击“下一步”。

6. 当您看到以下消息时，单击继续：

Additional Information Will Be Required



The migration wizard could not locate pre-upgrade license usage information on one or more of your selected product instances. This can happen if the product instances was upgraded using a non-standard method. In order to be issued a license file, additional information about these product instances will be required. This information can take two forms:

- **License Usage Report (preferred):** If you ran a report using the License Count Utility and sent it to Cisco licensing support, you will need the case number that was issued or the report file itself. If you did not run a report and the original Unified CM product instances are still running, you can run a report on them now and attach it in this wizard.
- **MAC Addresses for the pre-upgrade product instances:** You can also enter the MAC Addresses from the product instances that were upgraded. Cisco can use these to look up the licenses that were registered to those MAC Addresses. Note that this method may make it more difficult to accurately determine the types of licenses to be issued, so it is preferable to run a pre-upgrade license usage report.

Continue

Exit Migration Wizard

7. 在Public Space Phones字段中为未与任何用户关联的电话输入一个值。如果没有公共空间电话，或者如果您不确定，可以输入0（这是必填字段）：

*Product instance contains incomplete pre-upgrade license data

*Public Space Phones:

Because you are migrating licenses from servers that are missing information from their prior versions, you must include one or more pieces the requested information below.

If you have run a license usage report on the servers you are migrating using the [License Count Utility](#), include it below and/or enter the case number(s) assigned if the report was sent to Cisco licensing support. You can also enter the MAC Addresses from the original servers that were upgraded -- Cisco can use these to look up the licenses that were registered on those servers.

Case Numbers:

License Count Utility Reports (.zip):

MAC Addresses:

Navigation:

在此页面上，有三个选项允许您获取先前CUCM版本中当前许可证的信息：

选项 1：如果已生成LCU报告，并且已向许可团队打开服务请求(SR)，则可以包括附加LCU报告的SR编号。

选项 2：您可以上传在“从早期CUCM版本获取许可[证详细信息](#)”部分生成的LCU报告。

选项 3：此选项仅适用于9.x版之前的CUCM版本，其中许可证绑定到MCS部署中的介质访问控制(MAC)地址，或绑定到VM部署中的许可证MAC。提供所有许可证都绑定到的较高CUCM版本的MAC地址，以尝试获取设备许可证单元(DLU)信息。

选择三个选项之一，然后单击**Next**。

8. 在下一页，提供有关购买此升级方式的其他信息。如果您使用有效的合同，请提供合同详细信息。对于其他方法，请提供采购的销售订单编号并提供思科连接在线(CCO)ID。如果需要，请提供其他详细信息和说明，然后单击“完成并生成请求”：

Migrate Licenses to Cisco Prime License Manager

Summary and Next Steps*

To help Cisco best determine the licenses to be issued, indicate how the upgrade was ordered.

Upgraded using one or more service contracts
UCSS/ESW Contract Numbers:

Purchased the upgrade
Sales Order Numbers:

*Cisco.com (CCO) User ID:

Company Name (Optional):

Use the section below to include any additional information to include in the migration request:

Enter a name and optional description below and a record of this request will be saved to the History table on the Licenses > Planning page.

*Name:

Description:

* Required Step

获取并安装新许可证文件

要从许可团队获取新的许可证文件并安装，请完成以下步骤：

1. 下载许可证迁移请求（zip文件）（包含许可证迁移所需的所有详细信息），并将其发送到许可团队以获取新的许可证文件（.bin文件）。
2. 许可团队发送新的许可证文件后，从“其他执行选项”下拉菜单中选择“从文件执行许可证……”：

License Fulfillment

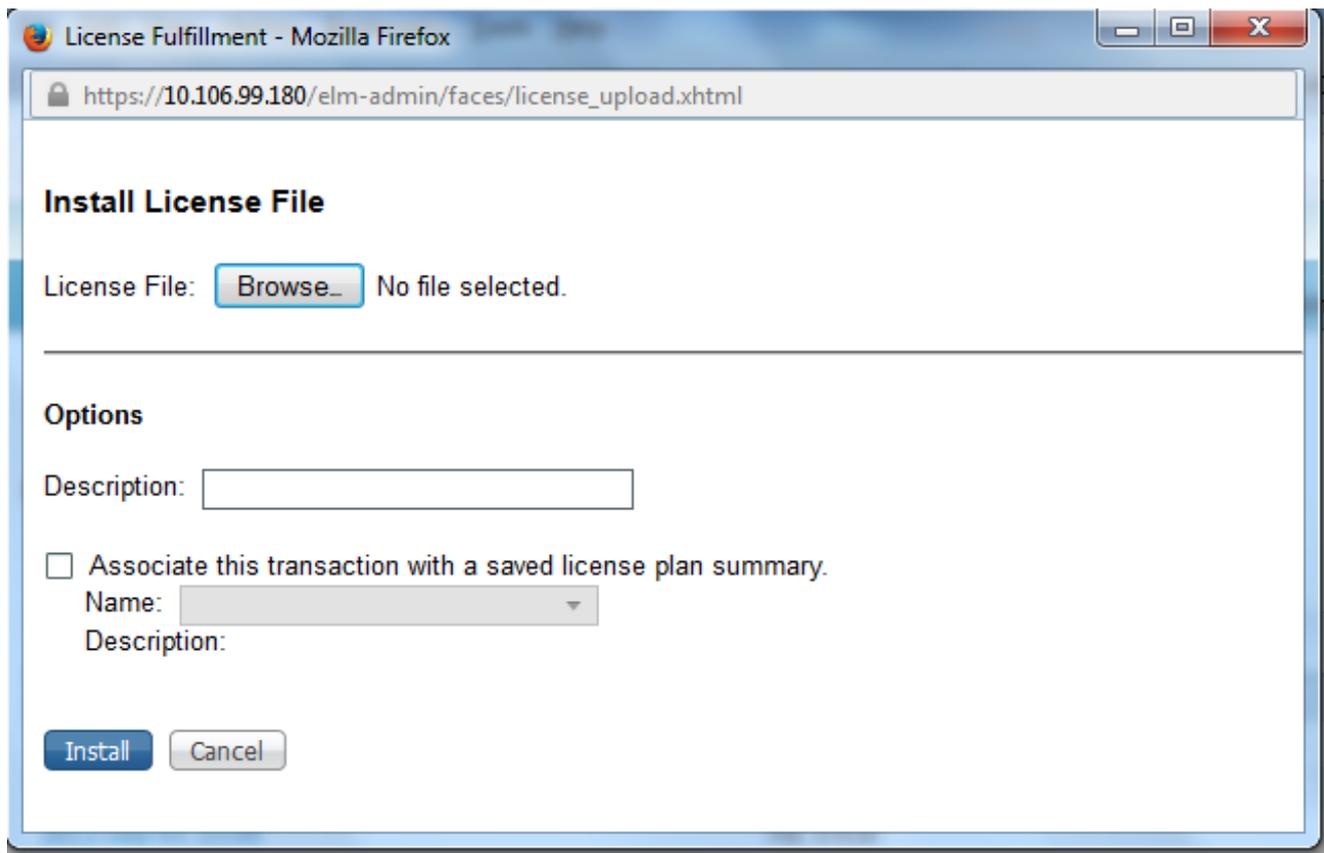
| Fulfillment Date | Method |
|-------------------------------|----------------|
| 2015-Feb-18 17:15 - (Current) | File Retrieval |
| 2014-Dec-30 16:48 | File Install |
| 2012-Sep-03 23:50 | File Install |

Other Fulfillment Options

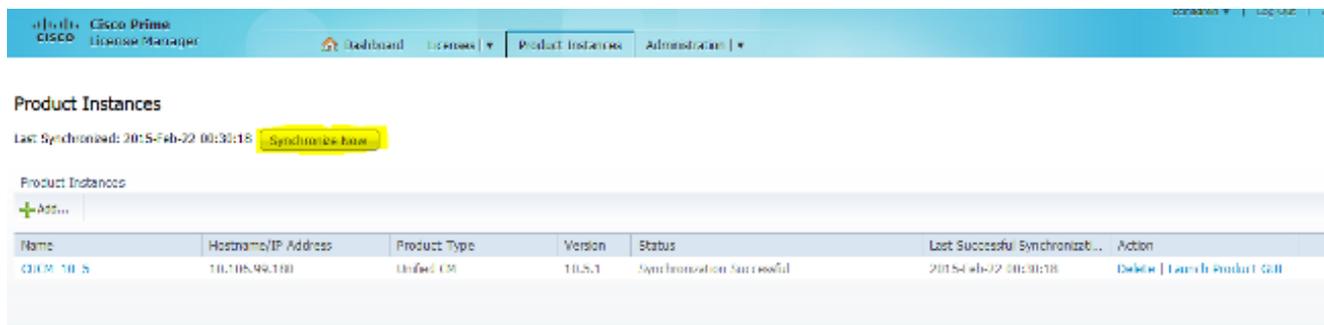
- Fulfill Licenses from File...
- Generate License Request...
-
- Migrate Licenses...
-
- Retrieve Fulfilled Licenses...

3. 当出现“安装许可证文件”(Install License File)弹出窗口以在PLM中安装新许可证时，上传新许

可证文件 (.bin文件) :



4. 安装许可证后，导航至“产品实例”(Product Instances)页面，然后单击“立即同步”(Synchronize Now):



验证

要验证您的配置是否正常工作，请导航至“许可证”>“使用”。如果迁移成功，则所有许可证类型的状态显示为“符合标准”:

License Usage

Last Synchronized: 2015-Feb-22 00:30:18

[Synchronize Now](#)

Table View

Chart View

History

License Usage

| Type | Product Type ▲ | Required | Installed | Available | Status |
|--------------------------------------|----------------|----------|-----------|-----------|---------------|
| CUWL Standard (10.x) | Unified CM | 0 | 30 | 30 | In Compliance |
| Enhanced Plus (10.x) | Unified CM | 0 | 20 | 20 | In Compliance |
| Enhanced (10.x) | Unified CM | 2 | 20 | 17 | In Compliance |
| Basic (10.x) | Unified CM | 1 | 0 | 0 | In Compliance |

故障排除

目前没有针对此配置故障排除信息。

相关信息

- [思科Prime License Manager用户指南，版本10.5\(1\)](#)
- [技术支持和文档 - Cisco Systems](#)