

BE6000在CUCM的准许技术支持

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Introduction

本文描述企业版本6000 (BE6000)启动程序许可证的许可证技术支持在Cisco Unified通信管理器 (CUCM)版本12.5。

Prerequisites

Requirements

Cisco 建议您了解以下主题：

- CUCM版本12.5
- BE6000

Components Used

本文的信息根据Cisco Call Manager版本12.5

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. 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

与可启动的ISO一起，卵的，BE6000也附有某个启动程序许可证套件。这些启动程序许可证套件可以是两种类型：

1. UCL –重要的许可证被调整在提高中，基本&
2. UWL-在CUWL中被调整的许可证，被提高加上，提高，基本&重要

UCM，当设置在BE6000模式下请求和消耗BE6000特定许可证，因此避免在其他解决方案提供的发怒使用方法。管理员能通过CLI启用/禁用BE6000模式。

当模式是启动程序需要装箱许可证的所选的确认时(None/UCL/UWL)。启动程序装箱许可证将是BE6000 UCL启动程序套件或BE6000 UWL启动程序套件或无。

程序

这是程序对enable (event) BE6000授权模式

1. 管理员从CLI的enable (event) BE6000模式。utils BE6000Mode功能失效utils BE6000Mode enable (event)utils BE6000Mode状态
2. 当BE6000模式是启用的时，管理员选择UCL或UWL启动程序套件或无。
3. 许可证根据选择的启动程序套件被调整(UCL/UWL)。当什么都没有选择时，调节没有完成。UCL –重要的许可证被调整在提高中，基本&UWL-在CUWL中被调整的许可证，被提高加上，提高，基本和重要
4. 许可证管理UI显示许可证消耗和配置模式。
5. 仅35个许可证对UCL & UWL启动程序被调整装箱。

Note:在此enable命令的utils BE6000Mode被执行前，必须从Cisco巧妙的软件管理器或卫星注销登记产品实例。

只有当产品实例在企业模式下时，BE6000模式启动。

许可证管理UI

在BE6000模式是启用的后，您能观察在许可证管理UI的这些更改：

- 显示授权模式作为BE6000。
- 由类型的许可证需求显示BE6000许可证和启动程序套件。BE6000 UCL启动程序套件。BE6000 UWL启动程序套件。
- 当您添加更多设备或产生关联与用户时，许可证首先执行从开始包装套件。
- 一旦意味着我们的启动程序装箱套件用尽使用了全部35个许可证然后下许可证满额是从正常通过CSSM。
- 当前使用方法列显示作为0，直到用尽所有35个启动程序装箱许可证。

Note:许可证消耗在根据启动程序套件的CUWL，被提高加上，提高，基本&重要中将被调整选择。“*”符号显示从BE6000启动程序套件被调整的许可证。

Verify

在此镜像，BE6000模式是失效的。

Smart Software Licensing

Registration Status: ! Unregistered

License Authorization Status: ! Evaluation Mode (87 days remaining)

Export-Controlled Functionality: Not Allowed

Transport Settings: [Direct View/Edit the Licensing Smart Call Home settings](#)

Licensing Mode: Enterprise

License Usage Report

i Below is a summary of current license usage on the system. Current usage details for each type are available by pressing "Update Usage Details". Note that collecting these data is a resource intensive process and may take several minutes to complete, depending on the size of the system.

[View All License Type Descriptions And Device Classifications](#)

Usage Details Last Updated: 2018-06-28 08:41:13

License Requirements by Type

License Type	Current Usage	Status	Report
CUWL	1	! Evaluation	Users(1) Unassigned Devices(0)
Enhanced Plus	1	! Evaluation	Users(1)
Enhanced	1	! Evaluation	Users(0) Unassigned Devices(1)
Basic	0	✔ No Licenses in Use	Users(0) Unassigned Devices(0)
Essential	1	! Evaluation	Users(0) Unassigned Devices(1)
TelePresence Room	1	! Evaluation	Users(0) Unassigned Devices(1)

如镜像所显示，BE6000模式启用UCL启动程序套件。

Smart Software Licensing

Registration Status: ! Unregistered

License Authorization Status: ! Evaluation Mode (87 days remaining)

Export-Controlled Functionality: Not Allowed

Transport Settings: [Direct View/Edit the Licensing Smart Call Home settings](#)

Licensing Mode: BE6000

License Usage Report

i Below is a summary of current license usage on the system. Current usage details for each type are available by pressing "Update Usage Details". Note that collecting these data is a resource intensive process and may take several minutes to complete, depending on the size of the system.

[View All License Type Descriptions And Device Classifications](#)

Usage Details Last Updated: 2018-06-28 08:43:49

License Requirements by Type

License Type	Current Usage	Status	Report
CUWL	1	! Evaluation	Users(1) Unassigned Devices(0)
Enhanced Plus	1	! Evaluation	Users(1)
Enhanced	0	✔ No Licenses in Use	* Users(0) Unassigned Devices(1)
Basic	0	✔ No Licenses in Use	Users(0) Unassigned Devices(0)
Essential	0	✔ No Licenses in Use	* Users(0) Unassigned Devices(1)
TelePresence Room	1	! Evaluation	Users(0) Unassigned Devices(1)
BE6000 UCL Starter Bundle	1	! Evaluation	
BE6000 UWL Starter Bundle	0	✔ No Licenses in Use	

* indicates some or all licenses are from a BE6000 Starter Bundle

BE6000模式是启用的，并且UWL启动程序装箱选择。

License Requirements by Type

License Type	Current Usage	Status	Report
CUWL	0	✔ No Licenses in Use	* Users(1) Unassigned Devices(0)
Enhanced Plus	0	✔ No Licenses in Use	* Users(1)
Enhanced	0	✔ No Licenses in Use	* Users(0) Unassigned Devices(1)
Basic	0	✔ No Licenses in Use	Users(0) Unassigned Devices(0)
Essential	0	✔ No Licenses in Use	* Users(0) Unassigned Devices(1)
TelePresence Room	1	! Evaluation	Users(0) Unassigned Devices(1)
BE6000 UCL Starter Bundle	0	✔ No Licenses in Use	
BE6000 UWL Starter Bundle	1	! Evaluation	

* indicates some or all licenses are from a BE6000 Starter Bundle

BE6000模式启动的和什么都没有选择。

License Requirements by Type					
License Type	Current Usage	Status	Report		
CUWL	1	Evaluation	Users(1) Unassigned Devices(0)		
Enhanced Plus	1	Evaluation	Users(1)		
Enhanced	1	Evaluation	Users(0) Unassigned Devices(1)		
Basic	0	No Licenses in Use	Users(0) Unassigned Devices(0)		
Essential	1	Evaluation	Users(0) Unassigned Devices(1)		
TelePresence Room	1	Evaluation	Users(0) Unassigned Devices(1)		
BE6000 UCL Starter Bundle	0	No Licenses in Use			
BE6000 UWL Starter Bundle	0	No Licenses in Use			

Indicates some or all licenses are from a BE6000 Starter Bundle

Troubleshoot

在所有问题的情况下，您需要收集这些日志：

- 聪明的代理程序日志是slm.log (`activelog/cm/trace/slm/log4j/slm.log`)的部分
- Call Home日志被写到：
`activelog/cm/trace/slm/log4j/gch.log`
`activelog/cm/trace/slm/log4j/tp.log`