Habilitar reserva de licencia específica para la versión 12.5 de CUCM

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Introducción

Este documento describe la Reserva de licencia específica para Cisco Unified Communications Manager (CUCM) versión 12.5.

Prerequisites

Requirements

Cisco recomienda que tenga conocimiento sobre estos temas:

CUCM versión 12.5

Nota: para activar la opción de reserva de licencia específica en su cuenta, abra un caso con el equipo de licencias.

Componentes Utilizados

La información que contiene este documento se basa en Cisco Call Manager versión 12.5.

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si tiene una red en vivo, asegúrese de entender el posible impacto de cualquier comando.

Antecedentes

La reserva de licencia específica es una función que se utiliza en redes muy seguras. Proporciona

un método para implementar una licencia de software en un dispositivo (instancia del producto: Unified Communications Manager) sin comunicar información de uso.

Puede especificar y reservar licencias perpetuas o basadas en plazos para el producto Unified Communications Manager. Una vez intercambiado el código de autorización, no es necesaria la sincronización periódica del producto hasta que no se produzcan cambios en la reserva. Las licencias reservadas permanecen bloqueadas en Cisco Smart Software Manager a menos que se liberen del producto con un código de devolución.

Esta función está disponible a través de la CLI; en este momento no hay ninguna opción de GUI disponible.

Modo de evaluación de instancia de producto

Después de la instalación, Unified Communications Manager se ejecuta durante el período de evaluación de 90 días. Al final del período de evaluación, Unified Communications Manager no permite la adición de nuevos usuarios o dispositivos hasta que se registre con el satélite Cisco Smart Software Manager o Cisco Smart Software Manager.

Nota: el período de evaluación es anterior al registro del producto.

Procedimiento

Este es el procedimiento para habilitar la función de reserva de licencia específica:

Paso 1. El dispositivo no está conectado a Internet y se encuentra en estado no registrado.

Paso 2. Utilice la CLI para habilitar la función y obtener un código de solicitud de reserva de licencia.

admin:license smart reservation enable License reservation mode is enabled successfully. admin:license smart reservation request P:UCM,S:cc920,U:e53fc968-0253-4d61-a355-ba908a6cc920 --> UDI

Paso 3. Inicie sesión en CSSM (servicio en la nube de Cisco) e introduzca el código de reserva.

Cisco Software Central > Smart Software Licensing

in an Lin + 0 - 4

s Inventory Convert to Smart	Licensing Reports Preferen	nces Satellites Activity			Ques Try ou	tions About Licensing?
ual Account: TAC-Collab	Testing					2 Major Hide A
General Licenses Prov	duct Instances Event Log					
Available Actions -	Manage License Tags	icense Reservation	Show License	Transactions	Search by License	By Name By Tag
						Advanced Search
License	Billing	Purchased	In Use	Balance	Alerts	Actions
Emergency Responder User Lic	ense (12.x) Prepaid	6	3	+ 3		Actions 👻
UC Manager Basic License (12)	x) Prepaid	15	14	+ 1		Actions -
 mart License Reservati	on					
mart License Reservati	on		A			
mart License Reservati	on STEP 2	STEP 3	STEP 4			
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To learn how to enter this code, see the configuration guide for the product being licensed	Browse	Upload			
			Cancel	Next	

Paso 4. Seleccione las licencias que se deben comprar y desee reservar para este dispositivo.

Paso 5. Se genera un código de autorización que contiene una lista de etiquetas de derechos y recuentos que se pueden utilizar en la instancia del producto.

Paso 6. Vuelva a llevar este código de autorización a la instancia del producto y utilice la CLI para instalarlo.

mart License Reserva	tion			
STEP 🕇 🗸	STEP 2 🗸	STEP 3 🗸	STEP 4	
Enter Request Code	Select Licenses	Review and confirm	Authorization Code	
Enter this code into the Sm	nart Licensing settings for the product,	to enable the licensed features.		
Product Instance Details	5			
Product Type:	UCL			
UDI PID:	UCM			
UDI Serial Number:	cc920			
UUID:	e53fc968-0253-4d61-a3	55-ba908a6cc920		
Authorization Code:				
<pre><specificplr><authorizationco <entitlement><tag>regid.2017-0 <licensetype>PERPETUAL<subscriptionid><startdate></startdate><endda Enhanced Plus License</endda </subscriptionid></licensetype></tag></entitlement></authorizationco </specificplr></pre>	de> <flag>A</flag> <version>C2.com.cisco.UCM_CUWL,12.0_cc593 enseType><displayname>UC Manag D><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><taprilement><tapril< td=""><td>n><piid>6ca07f56-145c-4ace-bdc2-4 f75a-1cd8-4b36-8366-6f4d2abba965er CUWL License (12.X)-(/displayNan spid 2016-07.com.cisco UCM_Enhano spid 2016-07.com.cisco UCM_Enhano</piid></td><td>0417fd49d47<timestamp>15 /tag><count>5</count>startDate> te><tagdescription>UC Manager C edPlus, 12.0_d8372792-586c-4caaa IC Manager Enhanced Plus License g>regid, 2016-07.com.cisco. 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To learn how to enter this code	, see the configuration guide for the	product being licensed		
			D	Download as File Copy to Clipboard C

admin:instalación de reserva inteligente de licencias

```
license smart reservation install "
```

Código de autorización instalado correctamente.

Paso 7. Si necesita obtener más licencias para la instancia del producto, puede hacerlo desde el portal CSSM para actualizar la licencia reservada y obtener un nuevo código de autorización.

Copie el código de autorización en la instancia de producción y ejecute el comando license smart reservation install **<authorization-code>** para instalar.

El código de confirmación se genera en el producto después de que el código de autorización se haya instalado correctamente.

Copie el código de confirmación en el CSSM e introduzca para completar la actualización de la reserva.

General	Licenses	Product Instances	Event Log			
C)				Search	by Name, Product Type	্
Name			Product Type	Last Contact	Alerts	Actions
ccm12pub			UCL	2018-Dec-23 23:19:23		Actions -
cer			UCL	2019-Mar-10 12:30:28		Actions -
cucm125put	o.cisco.com		UCL	2019-Feb-04 18:39:34		Actions -
cucm125put	o.cisco.com		UCL	2019-Jan-27 09:14:45		Actions -
cucm12mp			UCL	2019-Mar-09 15:53:50		Actions -
divyacucm12	2		UCL	2019-Mar-11 07:29:26		Actions -
prerna1try			UCL	2018-Dec-25 00:24:48		Actions -
UDI_PID:UC	M; UDI_SN:707a	0;	UCL	2019-Mar-09 15:22:43		Actions -
UDI_PID:UC	M; UDI_SN:cc92	0;	UCL	2019-Mar-11 08:22:02 (Reserv	ved Licenses)	Actions 👻
					Transfer	
					Update Reserve	ed Licenses
					Remove	
					Rehost License	s from a Failed Product

license smart reservation install "

...

STEP	STEP 2 🗸	STEP 3			
Select Licenses	Review and confirm	Authorization Code			
The Reservation Authorize	tion Code below has been generated	for this product instance. Several ste	ps remain:		
1. This code must be enter	ed into the Product Instance's Smart L	icensing settings to complete the res	ervation.		
 When the code has bee To release licenses in tr 	ansition, enter confirmation code gene	rated by device into CSSM.			
Authorization Code:					
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To learn how to enter this code, s	ee the configuration guide for the prod	luct being licensed			
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Verificación

En esta imagen, puede ver la GUI de CUCM con la reserva de licencia inteligente habilitada.

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Users 0 View Usage Report Unassigned Devices 6 View Usage Report	Users and Unassigned devices				
Unassigned Devices 6 View Usage Report	Users	0	View Usage Report		
	Unassigned Devices	6	View Usage Report		

Nota: la anulación del registro de la instancia del producto no puede funcionar en el caso de la función de reserva de licencia inteligente. Siempre puede devolver la licencia con los comandos enumerados aquí, dependiendo de los escenarios.

Quitar licencias o instancia de producto

Cuando se reservan licencias en una instancia de producto (Unified Communications Manager), hay dos formas de quitar el producto de la cuenta inteligente y liberar todas las licencias reservadas para esa instancia de producto (Unified Communications Manager).

La instancia del producto está operativa (eliminación correcta): puede devolver la autorización de reserva de licencia específica creando un código de devolución de reserva en la instancia del producto (que elimina el código de autorización) y, a continuación, introducir el código de devolución de reserva en Cisco Smart Software Manager.

La instancia del producto no está operativa (fallo/RMA o debido a la máquina virtual/contenedor destruido): debe ponerse en contacto con el TAC, que puede eliminar la instancia del producto de su cuenta inteligente.

Figure 3. Remove a Product Instance - Unified Communications Manager



admin:devolución de la reserva inteligente de licencias

Utilice este procedimiento para generar un código de retorno que debe introducirse en Cisco Smart Software Manager para devolver las licencias al grupo de cuentas virtuales y eliminar la instancia del producto de CSSM.

- Desde la consola de administración de Cisco Unified CM, ejecute el comando license smart reservation return.
- Copie el código de devolución de reserva en CSSM y elimine la instancia del producto.

Cisco Software Central > Smart Software Licensin	9			BU Production Test
Smart Software Licensing				Feedback Support He
Alerts Inventory Convert to Smart Licensing	Reports Preferences On-Prem Ac	counts Activity		
Virtual Account: UCM-Test -			0	Major 🕜 Minor Hide Alerts
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Ð			Search by Name, Product Type	Q,
Namo	Product Type	Last Contact	Alerts	Actions
UDI_PID.UCM; UDI_SN edb16;	UCL	2020-Jul-22 08:11	19 (Reserved Licenses)	Actions -
			Transfer	seved Licenses
			Remove	

Remove Product Insta	ance
To remove a Product Instance that to other Product Instances, enter in you cannot generate a Reservation	has reserved licenses and make those licenses once again available the Reservation Return Code generated by the Product Instance. If Return Code, contact Cisco Support
* Reservation Return Code:	Enter the Reservation Return Code
	Remove Product Instance Cancel

license smart reservation return-authorization <authorization-code>

Utilice este procedimiento para generar un código de retorno para el código de autorización que aún no está instalado. Se debe introducir el código de retorno en Cisco Smart Software Manager para devolver las licencias al grupo de cuentas virtual y eliminar la instancia del producto de CSSM.

- Desde la consola de administración de Cisco Unified CM, ejecute el comando license smart reservation return-authorization authorization-code.
- Copie el código de devolución de reserva en CSSM y elimine la instancia del producto.

Troubleshoot

En caso de cualquier problema, debe recopilar estos registros :

- Los registros de agentes inteligentes forman parte de slm.log (activelog/cm/trace/slm/log4j/slm.log)
- Los registros de llamada al hogar se escriben en: activelog/cm/trace/slm/log4j/gch.logactivelog/cm/trace/slm/log4j/tp.log

Información Relacionada

- <u>Guía de configuración del sistema para Cisco Unified Communications Manager, versión</u>
 <u>12.5(1)SU2</u>
- Soporte Técnico y Documentación Cisco Systems

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