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Cisco Cyber Vision Smart Licensing User Guide, Release 4.1.2

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Americas Headquarters

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About this documentation

- Document purpose, on page 1
- Warnings and notices, on page 1

Document purpose

This document explains how to manage licenses in Cisco Cyber Vision for an online registration, an offline registration, in the case of a Managed Service License Agreement and an On-Prem registration.

This manual applies to system versions 3.2.2 and later.

Warnings and notices

This manual contains notices you have to observe to ensure your personal safety as well as to prevent damage to property.

The notices referring to your personal safety and to your property damage are highlighted in the manual by a safety alert symbol described below. These notices are graded according to the degree of danger.

Narning	Indicates risks that involve industrial network safety or production failure that could possibly result in personal injury or severe property damage if proper precautions are not taken.
¢	
portant	Indicates risks that could involve property or Cisco equipment damage and minor personal injury if proper precautions are not taken.
Note	Indicates important information on the product described in the documentation to which attention should be paid.

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Introduction

- Smart Licensing, on page 3
- Essentials and Advantage licenses, on page 5
- Snort IDS licenses, on page 6

Smart Licensing

When you install Cisco Cyber Vision for the first time you get a 90-day trial. Once the trial expires, a connection to the cloud is required so components can be counted and billed in order to continue using Cisco Cyber Vision. Different options exist to get a license depending on the network configuration, its network policy, and whether there is a third-party service provider involved.

An online environment can benefit from a direct connection to the cloud, possibly through a proxy, whereas an offline environment will require an additional license reservation. Industrial networks with many Cisco Cyber Vision Centers to manage may be equipped with a local satellite and use Cisco Smart Software Manager Satellite On-Prem as licensing service. Likewise, customers dealing with a third-party service provider must use a local On-Prem satellite, but under the Managed Service License Agreement.



Smart Licensing Services:

• Cisco Smart Software Manager (CSSM): licensing service located in the cloud.

• Cisco Smart Software Manager Satellite On-Prem (CSSM On-Prem): a local service, also named satellite, which connects to the cloud for license requests.

Online registration: flexible security policy, ease of use. A number of Cisco Cyber Vision credits is purchased through a Smart Account and any Center from the package can use these credits. To retrieve a license and ensure credit management, the Cisco Cyber Vision Center sends usage information to the cloud directly over the internet or via a https proxy. No additional components are required for this connection mode. Access: CSSM or CSSM On-Prem.

Offline registration: strong security policy. As opposed to online registration, the association credits-Center is done manually by the user. Getting a license requires the License Reservation feature to be enabled and information to be copied and pasted between Cisco Cyber Vision and cisco.com. The procedure to get a license is described in the Offline licensing section. Access: CSSM or CSSM On-Prem.

Managed Service License Agreement: MSLA is a buying program used whenever there is a third-party service provider involved (i.e. the environment can be whether online or offline). This mode requires the use of Cisco Smart Software Manager Satellite On-Prem, which is an on-site license server through which the license request is done to cisco.com. The procedure to retrieve a license is very similar to the online one and are described under the same section. Access: CSSM On-Prem.

On-Prem registration: On-Prem registration is also available without MSLA, especially useful in industrial networks with numerous Centers to manage. Each Cisco Cyber Vision Center sends usage information to a locally installed appliance named satellite. Information with cisco.com is sent periodically to keep the satellite in synchronization. This synchronization can occur automatically in connected environments or manually in disconnected environments. Access: CSSM On-Prem.

License registration mode	Transport modes
Online	Direct to cisco.com
	Direct to cisco.com via proxy
	On-Prem (satellite)
Offline	Direct to cisco.com with License Reservation
	On-Prem (satellite)
MSLA (online/offline)	On-Prem (satellite)

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Important

As the installation procedure for online licensing, MSLA and On-Prem (satellite) are very close, they are grouped under the same section. Refer to the Online licensing/MSLA/On-Prem section.



Essentials and Advantage licenses

Cisco Cyber Vision provides two different feature packages. The Essentials license provides basic features whereas the Advantage one includes Essentials features, plus advanced features, all listed herebelow. These licenses can be enabled from the License administration page in Cisco Cyber Vision and the activation of the Advantage license could lead to additional costs. In addition, note that to use Snort subscriber rules on sensors with IDS the Advantage license must be enabled.

Cisco Cyber Vision Essentials

Inventory

- Device inventory
- · Identify communication patterns
- · Generate inventory reports

Vulnerability

- · Identify device vulnerabilities
- · Generate vulnerability reports

Activities

- Track control system events
- Generate device activity reports

RESTful API

REST API programming interface

Cisco Cyber Vision Advantage

It includes Essentials features, plus:

Security posture

Device Risk Scoring

Intrusion detection

- Snort IDS on supported sensors
- Talos community signatures (New rules may be added 30 days after release)

Behavior monitoring

- Create baselines for asset behaviors
- · Alerts on deviations

Advanced integration

- SecureX Ribbon
- pxGrid integration with ISE
- · Firepower Host Attribute integration
- SIEM Integration Splunk, IBM QRadar
- ServiceNow OT Management integration

Snort IDS licenses

It is possible to use Snort Intrusion Detection System Community and Subscriber rules on Cisco Cyber Vision through the following compatible sensors:

- Cisco IC3000 Industrial Compute Gateway
- Cisco Catalyst 9300 Series Switches
- Cisco Catalyst 9400 Series Switches
- Cisco IR8340 Integrated Services Router Rugged
- Center DPI (one sensor IDS license must be installed per Center DPI interface)

Snort IDS is only available with the Advantage license enabled on Cisco Cyber Vision.

You can enable IDS on each compatible sensor from the sensor right side panel in the sensor administration page. By default, Community rules are enabled.

A toggle button is available in the Snort administration page for Subscriber rules to take over detection.

Note that Subscriber rules will be enabled on all compatible sensors with IDS enabled. This means that it is not possible to have sensors running with Community rules and others running with Subscriber rules at the same time. An IDS license reservation token is also required per sensor with IDS enabled with Subscriber rules.

If the industrial network is monitored by ten Cisco Catalyst 9300 but only one has IDS enabled, then only one reservation token is required.

In case of offline licensing, you must update the license manually to reserve tokens. To do so, follow the Update license registration procedure.

For more information, refer to the Cisco Cyber Vision GUI Administration Guide.

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Requirements

• Requirements, on page 9

Requirements

- An access to CSSM or CSSM On-Prem.
- An Admin or Product access to Cisco Cyber Vision.



Online licensing/MSLA/On-Prem

This section describes how to get a license and applies to the following use cases:

- Getting a license through direct cloud access, over the internet or through a http proxy server.
- Getting a license as part of the Managed Service License Agreement (online and offline environments)
- Getting a license through an On-Prem access (online and offline environments)

You will:

- 1. Set Cisco Cyber Vision Center license (Essentials or Advantage).
- 2. Set transport mode (Direct and proxy connection or Transport gateway).
- 3. Set license payment mode (MSLA only) (MSLA only).
- 4. Create a token.
- **5.** Register the Center.

Return to evaluation mode is explained at the end of this section and applies to all use cases mentioned above.

- Get a license, on page 11
- Return to evaluation mode, on page 21

Get a license

Set Cisco Cyber Vision Center license

Before starting with license registration, make sure that the license type set is relevant to the Center usage. You can choose between Essentials and Advantage. Note that changing this setting can cause additional costs.

To set the Cisco Cyber Vision Center's license:

Procedure

Step 1 Navigate to System Administration > License.

Step 2 Click "edit the Software Subscription Licensing".



Step 3 Toggle the button to select the license type (Essentials or Advantage).

Note By default, the license type is set to Advantage.

Configure which functionalities the product will have	e. Note that this setting can cause additional cost.
ESSENTIALS • Dynamic comprehensive asset inventory • Identify relationship between assets • Vulnerability detection • API for integration with IT Platform • History of events	 ADVANTAGE All essentials features Anomaly Detection, user-defined baselines Signature based Detection
	Ok Cancel
Software Subscription Licensing Configure which functionalities the product will hav	e. Note that this setting can cause additional cost.
Software Subscription Licensing Configure which functionalities the product will hav ESSENTIALS	e. Note that this setting can cause additional cost.
Software Subscription Licensing Configure which functionalities the product will hav ESSENTIALS	e. Note that this setting can cause additional cost. ADVANTAGE • All essentials features
Software Subscription Licensing Configure which functionalities the product will hav ESSENTIALS • Dynamic comprehensive asset inventory • Identify relationship between assets	e. Note that this setting can cause additional cost. ADVANTAGE All essentials features Anomaly Detection, user-defined baselines
Software Subscription Licensing Configure which functionalities the product will hav ESSENTIALS • Dynamic comprehensive asset inventory • Identify relationship between assets • Vulnerability detection	e. Note that this setting can cause additional cost. ADVANTAGE All essentials features Anomaly Detection, user-defined baselines Signature based Detection
Software Subscription Licensing Configure which functionalities the product will hav ESSENTIALS • Dynamic comprehensive asset inventory • Identify relationship between assets • Vulnerability detection • API for integration with IT Platform • History of events	e. Note that this setting can cause additional cost. ADVANTAGE All essentials features Anomaly Detection, user-defined baselines Signature based Detection

Set transport mode

A network path to Cisco license server must be set so the Center can communicate directly or through a proxy with the cloud, or with an on-site satellite. This section explains how to set the transport mode accordingly.

- In case of direct connection to the cloud or through a proxy, or if CSSM On-Prem is used (independently
 of the MSLA), refer to the Direct and proxy connection procedure.
- If needed or if CSSM On-Prem is used as part of the Managed Service License Agreement (MSLA), refer to the Transport gateway procedure.

Direct and proxy connection

Procedure

Step 1 In Cisco Cyber Vision, click edit the Smart Call Home Transport Settings.

uluiti cisco		10 days remaining Evaluation Mode
ø	If System	Smart Software Licensing
Ð	Data management	
Ē	Sensors •	9 You are currently running in Evaluation mode.
¢	유 Users 🗸	To register Cisco Cyber Vision with Cisco Smart Software Licensing:
۹	< Events	 Ensure this product is set with the right Software Subscription Licensing (Essentials or Advantage). This might require you to edit the Software Subscription Licensing.
۲	a ^g API	 Ensure this product has access to the internet. This might require you to edit the Smart Call Home Transport Settings. Log in to your Smart Account in Smart Software Manager.
	₩ License	 Navigate to the Virtual Account containing the licenses to be used by this Product Instance. Generate a Product Instance Registration Token (this identifies your Smart Account) and copy or save it.
	A LDAP Settings	REGISTER
	PxGrid	
	⊖ SNORT	Smart Software Licensing Status
	∝ ntegrations ✓	Software Subscription Licensing: (5) Advantage VIEW/EDIT
	B Extensions	Registration Status: 🛆 Unregistered
		License Authorization Status: 📀 No Licenses in Use (Tuesday, March 31, 2020 1:53 PM)
		Transport Settings: Direct VIEW/EDIT

The transport settings window pops up.

- **Step 2** Select how the Cisco Cyber Vision Center will reach the CSSM (cloud).
 - The option Direct is selected by default. It means that the Cisco Cyber Vision Center has secure access to the Internet and can reach the CSSM server using a ciphered connection.
 - The option HTTP/HTTPS Proxy should be selected if the Cisco Cyber Vision Center has access to the Internet through a Proxy.

 Direct 	Product communicate directly with Cisco's licensing servers URL: https://tools.cisco.com/its/service/oddce/service/DDCEService	
O Transport Gatewa	Proxy data via Transport Gateway or Smart software Manager Satellite URL:	
O HTTP/HTTPS Prox	Send data via an intermediate HTTP or HTTPS proxy	
	IP Address: Port:	
	User name: Password:	

Transport gateway

If required, or if the license is being deployed as part of the Managed Service License Agreement, set the transport mode as transport gateway.

To set the transport mode as transport gateway:

Procedure

- **Step 1** In CSSM On-Prem, navigate to Smart Licensing > Inventory > General.
- Step 2 Click the link Smart Transport Registration URL.



Step 3 Copy the Product Registration URL that is displayed in the pop-up.



Step 4 In Cisco Cyber Vision > Admin > License, click the link edit the Smart Call Home Transport Settings.

ahaha			81 days remaining.
Ø	I System	Smart Software Lic	ensing Actions -
B	Data management		
Ē	🛛 Sensors 🗸 🗸	1 You are currently runnin	ng in Evaluation mode.
¢	糸 Users 🗸 🗸	To register Cisco C	yber Vision with Cisco Smart Software Licensing:
Q	< ⊂ Events	Ensure this product is:	set with the right Software Subscription Licensing (Essentials or Advantage). This might require you to
۲	s ^ø API ∽	edit the Software Subs Ensure this product ha	cription Licensing. s access to the internet. This might require you to edit the Smart Call Home Transport Settings.
	₩ License	Log in to your smart A Navigate to the Virtua Generate a Product In	ccount in smart software Manager. I Account containing the licenses to be used by this Product Instance. stance Registration Token (this identifies your Smart Account) and copy or save it.
	条 LDAP Settings	REGISTER	
	⊖ Snort		
	📽 Integrations 🗸 🗸	Smart Software Licensir	ng Status
	PxGrid	Software Subscription Licensing	S Advantage VIEW/FDIT
	BB Extensions	License mode:	Pre-paid Term Subscription
		Registration Status:	▲ Unregistered
		License Authorization Status:	▲ Evaluation Mode (Monday, February 1, 2021 1:52 PM) (81 days remaining)
		Transport Settings:	Direct VIEW/EDIT

The Transport settings window pops up.

Step 5 Select **Transport Gateway** and paste the Product Registration URL.

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 communicate directly with Cisco's licensing servers URL: https://tools.cisco.com/its/service/oddce/service/DDCEService		
Transport Gateway	Proxy data via Transport C URL:	ateway or Smart software Manager :	Satellite
	https://10.81.106.123/Sr	nartTransport	
HTTP/HTTPS Proxy	Send data via an intermed	ate HTTP or HTTPS proxy	
	IP Address:	Port: *	×
	User name:	Password:	

Step 6 Click Ok.

Step 7 In the license administration page of Cisco Cyber Vision, check that the transport mode is set to Transport Gateway.

<u> </u>	C CI		
Smort	Sottware	Liconcing	Statuc
JIIIal L	JULIVALE	LICEIDIN	2 Status

Software Subscription Licensing:	S Advantage VIEW/EDIT
License mode:	Pre-paid Term Subscription
Registration Status:	🛆 Unregistered
License Authorization Status:	🛆 Evaluation Mode (Monday, February 1, 2021 1:52 PM) (81 days remaining)
Transport Settings:	Transport Gateway VIEW/EDIT

Set license payment mode (MSLA only)

This section is only applicable in the case of a Managed Service License Agreement.

To set the license mode to Post-paid Usage Subscription (MSLA only):

Smart Software Licensing Status

Software Subscription Licensing:	Advantage VIEW/EDIT
License mode:	Pre-paid Term Subscription
Registration Status:	▲ Unregistered
License Authorization Status:	m imes Evaluation Mode (Monday, February 1, 2021 1:52 PM) (81 days remaining)
Transport Settings:	Transport Gateway VIEW / EDIT

Procedure

Step 1 In Cisco Cyber Vision, click the Actions button located at the top right corner of the license administration page, and click Change License mode.



The Configure License mode window pops up.

Step 2 Use the toggle button to enable the utility mode.

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Enable the Utility mode and fill custome Subscription. The Smart Agent will send license usage The usage reports will be forwarded to for their license usage.	er informations will activate the Post-paid Usage e reports to a licensing satellite or server every four hours. a billing server and the customer will received a monthly bill
Utility mode: Enabled	
Customer informations (optiona	()
Customer ID:	Customer name:
Customer street:	Customer city:
Customer state:	Customer country:
Customer postal code:	

Step 3 Click Activate Post-paid Usage Subscription.

In the license administration page, check that the license mode is set to Post-paid Usage Subscription.

Smart Software Licensing Status

Software Subscription Licensing:	S Advantage VIEW/EDIT
License mode:	Post-paid Usage Subscription
Registration Status:	▲ Unregistered
License Authorization Status:	⚠ Evaluation Mode (Monday, February 1, 2021 1:52 PM) (81 days remaining)
Transport Settings:	Transport Gateway

Create a token

This section describes how to create a license token, set its expiration date and maximum number of use.



Note

As CSSM and CSSM On-Prem are equivalent products and have similar aspects, only screenshots of CSSM are shown in the procedure described below.

To create a token:

Procedure

- **Step 1** Access and log in to the CSSM (or CSSM On-Prem).
- Step 2 In Cisco Software Central, under License, click Smart Software Licensing.

In Smart Software Manager On-Prem, click Smart Licensing.



- **Step 3** Click the Inventory menu.
- **Step 4** Click the New Token button.

Cisco Software (Central > Smar	t Software Licensing					💼 Interna	ITestDemoAccount20.cisco.con
Smart S	ottware	Licensing						Feedback Support Hel
Alerts Inven	tory Conver	t to Smart Licensing Reports	Preferenc	es On-Prem Accounts Activity				
Virtual Acco	ount: IOT S	Security Demos			•	4 Major	(10 Minor 3	Informational Hide Alerts
General	Licenses	Product Instances	Event Log					
Virtual Acc	ount							
Description	n:	Security Demo	s for IOTBU P	roducts				
Default Vir	tual Account:	No						
Product In: The registration	stance Regis on tokens below en	tration Tokens can be used to register new prod	duct instances	to this virtual account.				
Token		Expiration Date	Uses	Export-Controlled	Description		Created By	Actions
attraped.	0000A 8	2021 - Aut 20, 12, 27, 28 (m. 203).	1.4730	Allowed	tengous on		Called Inter	Actions -
10.000	Tyropine 🗧	2021-04-20-10-40-34 (#-2021.	0.0730	Alternal	Tana III		datativas	Autors +
NO-PHENO M	aget metal.	2021-Aut-22 17 10:28 (n.246).	1.47.100	Allowed	We alternad		Tisra.	Address +

A Create Registration Token pop up opens.

This will create a token that is the Smart Licensing configurat	used to register product instances, so that they can use licenses from this virtual account. Once it's c ion for your products and enter the token, to register them with this virtual account.	reated, go to
Virtual Account:	IOT Security Demos	
Description :	Cisco Cyber Vision JMA	
* Expire After:	60 Days	
	Between 1 - 365, 30 days recommended	
Max. Number of Uses:	200	
	The token will be expired when either the expiration or the maximum uses is reached	
Allow export-controlled f	functionality on the products registered with this token $ 0$	

Step 5 Fill in the following fields:

- Description: add a description to identify the Center's owner or purpose.
- Expire after: the token will expire after the amount of days indicated in this field.
- Max. Number of Uses: the token will expire as login accesses reach the number indicated in this field.
 - **Step 6** Click the Create Token button.

The new token appears in the list.

port Software					uu Internali	Feedback Support
ts Inventory Conve	ert to Smart Licensing Reports	Preferences On-Prem	Accounts Activity			
tual Account: IOT	Security Demos			(4) Major	10 Minor 3 I	nformational Hide Ale
General Licenses	Product Instances E	ivent Log				
/irtual Account						
Description:	Security Demos	s for IOTBU Products				
Default Virtual Account:	No					
Default Virtual Account: roduct Instance Regis he registration tokens below New Token Token	No stration Tokens v can be used to register new prod Expiration Date	uct instances to this virtual acc	ount. Export-Controlled	Description	Created By	Actions
Default Virtual Account: roduct Instance Regis he registration tokens below New Token Token NjFhZGNJMjctMDc5ML 22	No stration Tokens v can be used to register new prod Expiration Date 2020-Oct-11 12:49:45 (in 60	uct instances to this virtual acc Uses 0 of 200	ount. Export-Controlled Allowed	Description Cisco Cyber Vision JMA	Created By	Actions Actions -
Default Virtual Account: roduct Instance Regis he registration tokens below New Token Token NjFhZGNjMjctMDc5Mi. 2	No stration Tokens v can be used to register new prod Expiration Date 2020-Oct-11 12:49:45 (in 60	Uses 0 of 200	Export-Controlled Allowed	Description Cisco Cyber Vision JMA	Created By	Actions Actions +
Default Virtual Account: roduct Instance Regist he registration tokens below New Token Token NjFhZGNjMjctMDc5Mi. 2	No stration Tokens v can be used to register new prod Expiration Date 2020-Oct-11 12:49:45 (in 60	uct instances to this virtual acc Uses 0 of 200	Export-Controlled Allowed	Description Cisco Cyber Vision JMA	Created By	Actions Actions +

Step 7 Click the blue arrow next to the token name and copy it.

	V	/irtual Acc	ount: IOT S	Security Demos					4 Major 🕴 🕧 I	Minor 🛛 3 Info	rmational H
		General	Licenses	Product Instances	Event Log						
		Virtual Acc	ount								
		Description	n:	Security	Demos for IOTBU	Products					
		Default Vir	tual Account:	No							
To	oken NjFhZGNji MjA1%0A	MjcIMDc5Mi00 AODUzMTR8a	N2E2LTkyNjEtZjk 08zOWFLNEwvZ	(4ZmQxNTA3NDRiLTE2MI XhOS1k5Ujkvb0x0YjVIZW ool	Ct instance	s to this virtual acco	punt.				
Pr	ess ctrl + (c to copy selec	ted text to clipboa	ard.							
					Uses		Export-Controlled	Description		Created By	Actions
		NjFhZGNjM	jctMDc5Mi2	2020-Oct-11 12:49:45 (in 6	60 0 of 200		Allowed	Cisco Cyber Vision JM	1A	rate	Actions -

Register the Center

Step 1

To register the Cisco Cyber Vision Center:

Procedure
In Cisco Cyber Vision, click the button Register.

-
1 You are currently running in Evaluation mode.
To register Cisco Cyber Vision with Cisco Smart Software Licensing:
Ensure this product is set with the right Software Subscription Licensing (Essentials or Advantage). This might require you to edit the Software Subscription Licensing.
 Ensure this product has access to the internet. This might require you to edit the Smart Call Home Transport Settings. Log in to your Smart Account in Smart Software Manager.
Navigate to the Virtual Account containing the licenses to be used by this Product Instance.
Generate a Product Instance Registration Token (this identifies your Smart Account) and copy or save it.
REGISTER

The Smart Software Licensing Product Registration window opens.

Step 2 Paste the token into the text field and click Register. L



The registration status should turn to Registered.

Smart Software Licensing					
To view and manage Smart Licenses for your Cisco Smart Account, go to Smart Software Manager					
Smart Software Lice	nsing Status				
Software Subscription Licensing:	S Advantage VIEW/EDIT				
Registration Status:	⊘ Registered (Wednesday, August 12, 2020 2:53 PM)				
License Authorization Status:	⊘ No Licenses in Use (Tuesday, March 31, 2020 1:53 PM)				
Smart Account:	InternalTestDemoAccount20.cisco.com				
Transport Settings:	Direct VIEW/EDIT				

Step 3 If Transport Gateway was selected when selecting the network path as it is the case when doing MSLA, the license mode will switch from Pre-paid to Post-paid usage subscription.

The installation of the license is complete and you can continue using Cisco Cyber Vision.

Return to evaluation mode

To return to evaluation mode, you need to deregister the Center from the online reservation.

Once back to evaluation mode, the 90-day countdown resumes where it has stopped. If the countdown has reached zero, access to Cisco Cyber Vision user interface will be prevented.

To deregister the Cisco Cyber Vision Center:

Procedure

Step 1 In Cisco Cyber Vision, click the button Actions > Deregister.

 \$CO					<u>₩</u> 8×
0	III System	Smart Software Li	censing	ACT	IONS -
4	Data management	To view and manage Smart Licens	es for your Cisco Smart Account, go to Smart Software Manager	Reregi	ster
	□ Sensors v	Smart Software Licen	sing Status	Deregi	ster
S.	糸 Users 🗸 🗸	Software Subscription Licensing:	Advantage VIEW/EDIT		
ຊ		Registration Status:	⊘ Registered (Wednesday, December 16, 2020 11:25 AM)		
9	& API 🗸	License Authorization Status: Smart Account:	 Authorized (Wednesday, December 16, 2020 11:19 AM) InternalTestDemoAccount20.cisco.com 		
	🐺 License	Virtual Account:	IOT Security Demos		
	条 LDAP Settings	Transport Settings:	Direct VIEW/EDIT		
	PxGrid	Smart License Usage			
	⊖ snort	License (Version)	Description	Count	Status
	∝ ntegrations ✓	Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	31	⊘ Authorized
	99 Extensions				

Step 2 Confirm by clicking Deregister.

\rm Confirm Deregistration	
If you deregister this Product Instance from Smart Software Lice Software Manager and the licenses it is using will be made availa Account.	ensing, it will no longer appear in <mark>Smart</mark> Jble for use by other products in the Virtual
Cisco Cyber Vision will return to Evaluation Mode.	
	Deregister Cancel

The deregistration takes a few moments.

The Center will go in Evaluation mode and the registration status in Unregistered.





Offline licensing

This section describes how to:

- get a license in an offline environment.
- update a license registration in case the Center has run out of tokens.
- return to evaluation mode.
- Get a license in an offline environment, on page 25
- Update license registration, on page 36
- Return to evaluation mode, on page 48

Get a license in an offline environment

This section describes how to get a license in an offline environment.

You will:

- 1. Set Cisco Cyber Vision Center license (ESSENTIALS or ADVANTAGE).
- 2. Perform pre-registration checks.
- 3. Register the Center.
- 4. Reserve a license.
- 5. Authorize the license.

Set Cisco Cyber Vision Center license

Before starting with license registration, make sure that the license type set is relevant to the Center usage. You can choose between Essentials and Advantage. Note that changing this setting can cause additional costs.

To set the Cisco Cyber Vision Center's license:

Procedure

Step 1 Navigate to System Administration > License.

Step 2 Click "edit the Software Subscription Licensing".



Step 3 Toggle the button to select the license type (Essentials or Advantage).

Note By default, the license type is set to Advantage.

Configure which functionalities the product will ha	ave. Note that this setting can cause additional cost.
ESSENTIALS Dynamic comprehensive asset inventory Identify relationship between assets Vulnerability detection API for integration with IT Platform History of events	 ADVANTAGE All essentials features Anomaly Detection, user-defined baselines Signature based Detection
	Ok Cancel

Software Subscription Licensing Configure which functionalities the product will have.	Note that this setting can cause additional cost.
ESSENTIALS • Dynamic comprehensive asset inventory • Identify relationship between assets • Vulnerability detection • API for integration with IT Platform • History of events	 ADVANTAGE All essentials features Anomaly Detection, user-defined baselines Signature based Detection
	Ok Cancel

Perform pre-registration checks

Procedure

Step 1 Check the License Reservation:

The License Reservation feature is required to perform an offline licensing registration. Before proceeding with the following steps, check from the License menu in CSSM or CSSM On-Prem that the License reservation button is enabled. If it's not the case, open a case in cisco.com and provide a business justification.

Cisco Software Central		cisco			Q (M
Cisco Software Central > Smart Software Licensing				💼 InternalTest	DemoAccount20.cisco.com
Alerts Inventory Convert to Smart Licensing R	eports Preferences C	Dn-Prem Accounts Activit	у		
Virtual Account: IOT Security Demos General Licenses Product Instances	Event Log		6 Majo	r 🕦 Minor 👩 Infor	mational Hide Alerts
Available Actions 👻 Manage License	e Tags	servation	Show License Transactions	Search by License	By Name By Tag
					Advanced Search -
License	Dilling		On the Physics of Date	and a second sec	

Step 2 Check the number of tokens available:

A token equals a component in Cisco Cyber Vision. Before starting, take a moment to consider the number of tokens available in CSSM or CSSM On-Prem. This information will be useful in a later procedure to assign a number of token to the Center instance.

Example:

Herebelow, 14343/59000 tokens are in use. 44657 tokens are still available.

Cisco Software Central		CISC	0			Q
co Software Central > Smart Software Licensing					💼 InternalTestDemo	Account20.cisco
mart Software Licensing					Feed	dback Support
rts Inventory Convert to Smart Licensing	Reports Preferences	On-Prem Accounts	Activity			
rtual Account: IOT Security Demos				6 Major	(10) Minor (5) Informatic	nal Hide Ale
General Licenses Product Instance	es Event Log				Pv	Namo Ry Tao
General Licenses Product Instance Available Actions - Manage Lice	ense Tags	e Reservation	Show License	e Transactions	By Search by License	Name By Tag Q
General Licenses Product Instance Available Actions Manage Lice	ense Tags	e Reservation	Show License	e Transactions	By Search by License Adv	Name By Tag Q ranced Search •
General Licenses Product Instance Available Actions Manage Lice License	ense Tags License Billing	e Reservation	Show License n Use	e Transactions	By Search by License Adv Alerts	Name By Tag Q anced Search ~ Actions
General Licenses Product Instance Available Actions - Manage Lice License	expected by the second	e Reservation	Show License n Use	e Transactions	By Search by License Adv Alerts	Name By Tag Q ranced Search ~ Actions
General Licenses Product Instance Available Actions Manage Lice License	event Log	e Reservation	Show License Substitutio	e Transactions S	By Search by License Adv Alerts	Name By Tag Q annced Search ~ Actions
General Licenses Product Instance Available Actions Manage Lice License	es Event Log	e Reservation	Show License N Use Substitutio	e Transactions 3	By Bearch by License Adv Alerts	Name By Tag Q anced Search ~ Actions
General Licenses Product Instance Available Actions - Manage Lice License	Billing	e Reservation	Show License n Use Substitutio	e Transactions S	By Bearch by License Adv Alerts	Name By Tag Q anced Search ~ Actions
General Licenses Product Instance Available Actions ~ Manage Lice License License	ense Tags Cicense Billing Prepaid	e Reservation [] Purchased 59000 14 (9843	Show License Substitutio	e Transactions 3 n Balance + 44657	By Search by License Adv Alerts	Name By Tag Q anced Search ~ Actions Actions ~

Register the Center

This section describes how to register a Center for an offline reservation in Cisco Cyber Vision. During this procedure, you will generate a Reservation Request code which will later be used in CSSM or CSSM On-Prem.

Procedure

Step 1 In Cisco Cyber Vision, click the button Register.

1 You are cu	rrently running in Evaluation mode.
To regist • Ensure	ter Cisco Cyber Vision with Cisco Smart Software Licensing: e this product is set with the right Software Subscription Licensing (Essentials or Advantage). This might require you to edit
the So Ensure Log in Navigs	ftware Subscription Licensing. e this product has access to the internet. This might require you to edit the Smart Call Home Transport Settings. to your Smart Account in Smart Software Manager. at a the Nichial Account containing the licenses to be used by this Broduct Instance.
Generation	ate a Product Instance Registration Token (this identifies your Smart Account) and copy or save it.
REGISTER	

The Smart Software Licensing Product Registration window opens.

Step 2 Click the "Start here" link.

Smart Software Licensing Product Registration	
To register the product for Smart Software Licensing:	
 Ensure that you have connectivity to the url specified in your Smart Call Home settings. By default, this will require Internet access. If your Smart Call Home settings. By default, this will require Internet access. If your Smart Software Manager. Paste the Product Instance Registration Token you generated from Smart Software Manager. 	nart Account is
Product Instance Registration Token:	
	^
٢	>
. Reregister this product instance if it is already registered	
Register	Cancel

Step 3 If your Smart Account is authorized to generate tokens (i.e. the License Reservation button is active in CSSM or CSSM On-Prem), click Yes.

🛆 Ensure Smart Account Can Use Li	cense Reservation					
Use of the License Reservation requires specific permission from Cisco. If you do not see a "Reserve Licenses" button in Inventory > Licenses in Smart Software Manager, your account does not have the ability to use this feature.						
Please be aware that License Reservation reduces or nullifi	ies many of the benefits of Smart Licensing including:					
 Dynamic movement of license consumption between License usage visibility and asset management Simplified product registration 	n products, failed or otherwise					
	Yes, My Smapt Account is License Reservation Enabled					

Step 4 Click Generate Reservation Request code.



Your Reservation Request code is shown.

our License Reservation Request Code is displayed below. To co	nplete your license Reservation:	
 Got to the desired Virtual Account in Smart Software Man Entrer or paste this Reservation Request Code into the wir Generate Authorization Code button Save or copy the Reservation Authorization Code that is go 	user and click the "Reserve Licenses" button on the License dow that appears, choose the licenses to reserve and click th nerated and return to the Smart Licensing page to install it.	tab ne
B-ZCV-CNTR-ESXI:CENTERVM-INT17047-BrUWXwm1X-66		^
		>

- **Step 5** Copy it and save it somewhere or click Save to file.
- **Step 6** Close the window.

The Cisco Cyber Vision License Reservation Request is in pending status and several new buttons are displayed that will allow you to perform the actions described in the following sections.

	0 days remaining D Evaluation Mo	de 🗹	8 -
Smart Software Licensing To view and manage Smart Licenses for your Cisco Smart Account, go to Smart Software Manager		ACTIONS -	
1 This product has a pending License Reservation Request.			
 To complete the reservation: Go to the desired Virtual Account in Smart Software Manager and click the "Reserve" Enter, paste, or upload your Reservation Request Code or file into the window that a and click the Install Request Authorization Code/File button to generate the Reserve. Save or copy the Reservation Authorization Code that is generated and click the entrobutton bellow 	Licenses" button or pears, choose the lice ation Auhtorization C er Reservation Autho	n the Licenses ta nses to reserve ode rization Code	b
ENTER RESERVATION AUTHORIZATION CODE RETURN RESERVATION AUTHORIZATION CODE CANCEL RESERVATION REQUEST	VIEW RESERVATION R	EQUEST CODE	

These buttons will allow you to perform the following actions:

- Enter reservation authorization code: Finalize the reservation request with a code provided in the Smart Accounting software.
- Return reservation authorized code: Deregister a Center and restore tokens to the licensing balance.
- View reservation request code: View the request code in case you didn't copy/save it.
- Cancel reservation request: Cancel the license request.

L

Reserve a license

This section describes how to reserve a license in CSSM or CSSM On-Prem. To do so, you will use the Reservation Request code generated in Cisco Cyber Vision in order to reserve a license and assign it a number of tokens. As a result, you will get an authorization code to be entered in Cisco Cyber Vision in the following procedure.

Procedure

- **Step 1** Access and log in to CSSM or CSSM On-Prem.
- Step 2 Under License, click Smart Software Licensing.

👬 Admin - Cisco Cyber Vision 🛛 🗙 🚱 Cisco Software Central	× +	- 🗆 ×
← → C 🗎 software.cisco.com		☆ 🖰 :
Cisco Software Central	altalta cisco	Q L ⊕us EN
<u>+</u>	F	
Download & Upgrade	Network Plug and Play	License
Software Download Download new software or updates to your current software. eDevery Get fast electronic fulfilment of software, licenses, and documentation. Version Upprade using NCC (WAY) Order major upprade using NCC (WAY) Construction of the software such as unified communications of the software such as unified communications of (PUT) Upgrade the Product Browse a list of all available software updates.	Plug and Play Connect Device management through PnP Connect portal Learn about Network Plug and Play Training, documentation and videos	Traditional Licensing Generate and manage PAK-based and other device licenses, inducing demotioneses. Simular Software Licensing) Track and manage Simal Software Licenses. Enterprise Agreements Generate and manage licenses from Enterprise Agreements.
Order		Administration

- **Step 3** Click Inventory > Licenses.
- **Step 4** Click the License Reservation button.

I

Cisco Software Central			sco			Q (M)
Cisco Software Central > Smart Software Licensing	1				💼 InternalTe	estDemoAccount20.cisco.com
Smart Software Licensing						Feedback Support Help
Alerts Inventory Convert to Smart Licensing	Reports Preferences	On-Prem Account	ts Activity			
Virtual Account: IOT Security Demos General Licenses Product Instanc Available Actions - Manage Lic	S Event Log	se Reservation		☑ Show License Trar	6 Major 10 Minor 5 In sactions Search by License	By Name By Tag
						Advanced Search 🗸
License	Billing	Purchased	In Use	Substitution	Balance Alerts	Actions
CONTRACTOR AND AND	Property				e 🗧 matterio	-
CONTRACTOR CONTRACTOR	Property				 Instruction 	
 Carlos Jan Andreas December 	Prepara				- 1	
Control of Second Decision Control of Control of Control	Paget				-1 1 • materia	
Cisco Cyber Vision Advantage	Prepaid	59000	14343 A (9843 Reserved)		+ 44657	Actions 🗸

The Smart License Reservation wizard opens.

			•		2
nart License Reserva	tion				
STEP 1	STEP 2	STEP 3	STEP 4		
Enter Request Code	Select Licenses	Review and confirm	Authorization Code		
You can reserve licenses for produ You will begin by generating a Res To learn how to generate this code	uct instances that cannot connect to servation Request Code from the pro e, see the configuration guide for the	the Internet for security reasons. duct instance. product being licensed.			
Once you have generated the code	e:				
1) Enter the Reservation Requ	est Code below				
2) Select the licenses to be res	served				
3) Generate a Reservation Aut	horization Code	a la sa Rasta di sera da se s			
4) Enter the Reservation Author Beconvertice Request Code:	inzation Code on the product instanc	e to activate the reatures			
- Reservation Request Code.					
CB-ZCV-CNTR-ESXI:CENTERV	M-INT17047-BrUWXwm1X-66				
		Brows	Upload		
To learn how to enter this code, s	ee the configuration guide for the pro	duct being licensed			
					Cancel Next
Olana Outra Maina Essentiala	Propoid	10000 0		. 40000	A strain a

Step 5 Paste or upload the Request Code previously retrieved from Cisco Cyber Vision and click Next.

Step 6 Reserve the number of tokens (i.e. components) for the Center instance and click Next.

_										~ ~
Sm	art License Reservat	tion								×
	STEP 1 🗸	STEP 2 Select Licenses	STEP 3 Review and confir	m	STEP 4	n Code				
Pi	oduct Instance Details									^
	Product Type:	CCV								
	UDI PID:	CV-CNTR-ESXI								
	UDI Serial Number:	CENTERVM-INT17047								
Lic	censes to Reserve									
In	order to continue, ensure that yo	u have a surplus of the licenses you	want to reserve in the Virtu	ial Account.						
۲	Reserve a specific license									
	License			Expires		Purchased	Available	Reserve		
	Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Smart lic	e cense. Inclusive of Cyber Vision Essentials Cap	abilities.	multiple terms		59000	49107	50]
										Ų
									Cancel	Next

Step 7 Review and confirm the reservation by clicking Generate Authorization Code.

			and the second se			~	\sim
Sn	nart License Reserva	tion					×
	STEP 1 ✓	STEP $2 \checkmark$ Select Licenses	STEP 3 Review and confirm	STEP 4 Authorization Code			
F	Product Instance Details	S					
[Product Type:	CCV					
	UDI PID:	CV-CNTR-ESXI					
	UDI Serial Number:	CENTERVM-INT17047					
1	icenses to Reserve						
	License			Expires	Quantity to Reserve		
	Cisco Cyber Vision Advantage Osco Oyler Vision Advantage Smart Ro	9 ense. Inclusive of Cyber Vision Essentials Cape	billes.		50		
					Cancel Back G	enerate Authorization Code	
A	Cisco Cyber Vision Essentials	 Prenaid 	10000 0		+ 10000	Actiono -	

Step 8 Get your authorization code.

The authorization code should be copied to clipboard or save into a file.

1		يا بيا ب		2	\sim
art License Reservati	on				
STEP 1 🗸	STEP 2 ~	STEP 3 🗸	STEP 4		
Enter Request Code	Select Licenses	Review and confirm	Authorization Code		
The Reservation Authorization Enter this code into the Small	on Code below has been generated for rt Licensing settings for the product, t	or this product instance. o enable the licensed features.			
roduct Instance Details					
Product Type:	CCV				
UDI PID:	CV-CNTR-ESXI				
UDI Serial Number:	CENTERVM-INT17047				
Authorization Code:					
				A COMPANY AND A COMPANY AND A COMPANY AND AN A COMPANY AND A COMPANY AND AND A COMPANY AND A COMPANY AND AND A COMPANY AND A COMPANY AND A COMPANY AND A COMPANY	
o learn how to enter this code, see	the configuration guide for the produ	ict being licensed			_
			D	ownload as File Copy to Clipboard	Cla
		40000			

In Inventory > Product Instances, you should see the instance you just created.

Cisco Software Central > Smart Software Licensing							
Smart Software Licensing				Feedback Support Help			
Alerts Inventory Convert to Smart Licensing Reports	Preferences On-Prem Accounts	Activity					
Virtual Account: IOT Security Demos			6 Major 10 Min	or 5 Informational Hide Alerts			
General Licenses Product Instances Eve	nt Log						
Authorize License-Enforced Features			Search by Name, Product Type	Q			
Name	Product Type	Last Contact 👻	Alerts	Actions			
UDI_PID:CV-CNTR-ESXI; UDI_SN:CENTERVM-INT17047;	CCV	2020-Dec-16 18:50	:19 (Reserved Licens	Actions 👻			
all, All solves all, to be all shows		222-04-1212	10	Autors -			
US, PE CHORE EX US, St Base Station The		2020-0au -7 14-2	IF Provinces	and and a			
10,70 CONTRACT, 20,70 March Teleford Mark.		2010/06/01 12:00	W Pasarant Loans.	Address of			

Authorize the license

This section describes how to enter the authorization code retrieved from CSSM or CSSM On-Prem in Cisco Cyber Vision. At the end of this procedure the installation of the license will be complete.

To authorize the license:

Procedure

Step 1 In Cisco Cyber Vision, click the button Enter Reservation Authorized Code.

			▲ 0 days remaining Evaluation Mode	<u>₩</u> 8×
Sm; To viev	art Software Licensing v and manage Smart Licenses for your Cisco :	Smart Account, go to Smart Software Manage	er	TIONS -
1	This product has a pending License R	Reservation Request.		
	To complete the reservation: • Go to the desired Virtual Account in S • Enter, paste, or upload your Reservat and click the Install Request Authoriz • Save or copy the Reservation Author button bellow	: Smart Software Manager and click the "Reser tion Request Code or file into the window tha zation Code/File button to generate the Rese ization Code that is generated and click the e	rve Licenses" button on the L t apears, choose the licenses t rvation Auhtorization Code nter Reservation Authorizatio	icenses tab o reserve on Code
	ENTER RESERVATION AUTHORIZATION CODE	RETURN RESERVATION AUTHORIZATION CODE	VIEW RESERVATION REQUES	TCODE
	CANCEL RESERVATION REQUEST	J		

Smart Software Licensing Status

Software Subscription Licensing:	S Advantage VIEW/EDIT
Registration Status:	△ License Reservation Pending
License Authorization Status:	⊘ No Licenses in Use (Wednesday, December 16, 2020 11:43 AM)

The Enter Reservation Authorized Code window opens.

- **Step 2** Paste the code or upload the file previously retrieved in CSSM or CSSM On-Prem.
- **Step 3** Click Install Authorization Code/File.

Enter Reservation Authorization Code						
Reservation Authorization Code :						
Browse						
Install Authorization Code/File Cancel						

The Cisco Cyber Vision registration status switches to registered and the license authorization status to authorized.

Smart Software L	icensing		ACT	
To view and manage Smart Licen	ses for your Cisco Smart Account, go to Smart Software Manager			
Smart Software Licer	ising Status			
Software Subscription Licensing	: § Advantage			
Registration Status:	⊘ Registered - License Reservation (Thursday, December 17, 2020 3:27 PM)			
License Authorization Status:	⊘ Authorized - Reserved (Thursday, December 17, 2020 3:27 PM)			
License Authorization Status: Smart License Usage	Authorized - Reserved (Thursday, December 17, 2020 3:27 PM)		In	
License Authorization Status: Smart License Usage UPDATE RESERVATION RETURN License (Version)	Authorized - Reserved (Thursday, December 17, 2020 3:27 PM) RESERVED LICENSES Description	Reserved	In Use	Statu

The installation of the license is complete and you can continue using Cisco Cyber Vision.

Update license registration

Cisco Cyber Vision Smart Licensing includes a limited number of tokens which are distributed among the different product instances of your industrial platform. A token being the equivalent of a component in Cisco Cyber Vision, it can happen that one of your product instance run out of available tokens. In this case, the message "out of compliance" appears in Cisco Cyber Vision. In an offline licensing environment, you need to manually update the license reservation by extending the number of tokens in CSSM or CSSM On-Prem. You may have to perform this action because you want to change the number of tokens attributed to a Center or because you need to add a license for an IDS sensor to use Snort Subscriber rules. If you don't perform this action within 90 days, Cisco Cyber Vision will fall back into evaluation mode. Updating an offline license may lead to additional costs.

In the following example, we will update a license for an IDS sensor.

The license that is out of compliance and needs to be updated appears in Cisco Cyber Vision's License administration page under Smart License Usage.

				Out of comp	; liance	<u></u>	8 ~
Ø	I System	Smart Software Lic	ensing				
2	🗏 Data Manage 👻	To view and manage Smart Licenses	for your Cisco Smart Account, go to Smart Software Manager			ACTIONS +	
	Metwork Organization	Smart Software Licensi	ng Status				
¢	🛛 Sensors 🗸 🗸	Software Subscription Licensing:	 S Advantage 				
Q		License mode:	Pre-paid Term Subscription				
۲	冬 Users 🗸 🗸	Registration Status: License Authorization Status:	 Registered - License Reservation (Wednesday, August 10, 2022 1 Out of Compliance (Wednesday, August 10, 2022 11:51 AM) 	1:51 AM)			
	⊲ Events						
	s [⊄] API ✓	Smart License Usage					
	₩ License	UPDATE RESERVATION RETURN RES	SERVED LICENSES				
	み LDAP Settings				In		
	Snort	License (Version)	Description	Reserved	Use	Status	
	(?) Risk score	Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	⊘ Author	ized
	ా Integrations ఆ	CISCO_CYBER_VISION_IDS_IC30	00	0	1	⊗ Out of	-
	Extensions					Compliand	.e

Update the license reservation in CSSM or CSSM On-Prem

This procedure describes how to manually update the license in an offline environment. You may have to perform this action because you want to change the number of tokens attributed to a Center or because you need to add a license for an IDS sensor (whenever you want to use Snort Subscriber rules). In this case, the message "the license is out of compliance" is displayed on the top right corner of Cisco Cyber Vision. If you don't perform this action within 90 days, Cisco Cyber Vision will fall back into evaluation mode. Updating an offline license may lead to additional costs.

In the following example, we will update a license for an IDS sensor.

Procedure

Step 1 In Cisco Cyber Vision, navigate to Admin > License.

The license that is out of compliance and needs to be updated appears under Smart License Usage.

uluulu cisco			(e	Out of comp	s Iliance	<u>₩</u> 8×
ø	System	Smart Software Lic	censing			ACTIONS -
	🗐 Data Manage 🗸	To view and manage Smart Licenses	for your Cisco Smart Account, go to Smart Software Manager			ACTIONS +
	Metwork Organization	Smart Software Licensi	ing Status			
¢	. Sensors 🗸	Software Subscription Licensing:	S Advantage			
Q		License mode:	Pre-paid Term Subscription			
۲	冬 Users 🗸 🗸	Registration Status:	 Registered - License Reservation (Wednesday, August 10, 2022 1 Out of Compliance (Wednesday, August 10, 2022 11:51 AM) 	1:51 AM)		
	⊲ Events					
	ഴ്API ∽	Smart License Usage				
	🛱 License	UPDATE RESERVATION RETURN RE	SERVED LICENSES			
	冬 LDAP Settings				In	
	Snort	License (Version)	Description	Reserved	Use	Status
	 Risk score 	Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	⊘ Authorized
	≪ Integrations ✓	CISCO_CYBER_VISION_IDS_IC3	000	0	1	⊗ Out of
	Extensions					compnance

To update the license, you must retrieve the Center's serial number. You will find it accessing the System statistics page.

Step 2 Access the System statistics page using the button on the top right corner and copy the Center's serial number.



- **Step 3** In CSSM or CSSM On-Prem, navigate to Inventory > Product Instances.
- **Step 4** In the search field, paste the Center serial number.

Cisco Software Central	cisco		
Cisco Software Central > Smart Software Licensing Smart Software Licensing		💷 InternalTestD	emoAccount20.cisco.com Support Help
Alerts Inventory Convert to Smart Licensing Reports	Preferences On-Prem A	ccounts Activity 26 Major 37 Minor 11 Informatio	nal Hide Alerts
General Licenses Product Instances	Event Log	Search by Device or by Product Type	0,
Name	Product Type	Last Contact	Alerts
BehrFMC.behrenslab.com	FP	2021-Mar-28 13:11:09	
center	CCV	2021-May-04 16:39:46	
center	CCV	2020-Aug-29 22:54:15	
center	CCV	2020-Jun-04 16:55:25	
center	CCV	2020-Jul-31 05:51:53	

Step 5 Remove all whitespaces from the serial number and search.

tual Account: IOT Security Demos				26 Major 37 Minor 11 Informational	Hide Aler
General	Licenses	Product Instances	Event Log		
Authoriz	ze License-Enford	ced Features		VMware-420f637e3da26755-98306b53c6b2d519	×°
Name			Product Type	Last Contact	Alerts
BehrFMC.	behrenslab.com		FP	2021-Mar-28 13:11:09	
center			CCV	2021-May-04 16:39:46	
center			CCV	2020-Aug-29 22:54:15	
center			CCV	2020-Jun-04 16:55:25	
center			CCV	2020-Jul-31 05:51:53	
our Ce	nter insta	nce appears.			
rtual Aco	count: IOT S	ecurity Demos		26 Major 37 Minor 11 Informational	Hide Aler

Authorize License-Enforced Features		VMware-420f637e3da26755-98306b53c6b2d519	× °
Name	Product Type	Last Contact	Alerts
UDI_PID:CV-CNTR-ESXI; UDI_SN:VMware-420f637e3d	CCV	2022-Aug-10 09:52:17 (Reserved Licenses)	
		Sho	owing 1 Record

Step 6 Click the Center instance's link.

I

Virtual Acc	ount: IOT S	ecurity Demos		26 Major 37 Minor 11 Informational	Hide Alerts
General	Licenses	Product Instances	Event Log		
Authoriz	e License-Enfor	ced Features		VMware-420f637e3da26755-98306b53c6b2d519	× °
Name			Product Type	Last Contact	Alerts
UDI_PID:C	V-CNTR-ESXI; U	DI_SN:VMware-420f637e3d	CCV	2022-Aug-10 09:52:17 (Reserved Licenses)	
		UDI_PID UDI_SN: 53c6b2c	.:CV-CNTR-ESXI; :VMware-420f637e3da26755-98306t d519;	Sho	wing 1 Record

The Center instance details window pops up.

Step 7 Click Update reservation.

Overview Event Log					
Description					
Cisco Cyber Vision					
General					
Name:	UDI_PID:CV-CNTR-E	SXI; UDI_SN:VMware-420f637e	3da26755-98306b53c6b2d519;		
Product:	Cisco Cyber Vision				
Host Identifier:	-				
MAC Address:					
PID:	CV-CNTR-ESXI				
Serial Number:	VMware-420f637e3da	26755-98306b53c6b2d519			
UUID:	-				
Virtual Account:	IOT Security Demos				
Registration Date:	2022-Aug-10 09:52:17	7			
Last Contact:	2022-Aug-10 09:52:17	(Reserved Licenses) - Downloa	d Reservation Authorization Code		
icense Usage			These lic	enses are reserved on this product instance Update reservatio	n
License		Billing	Expires	Required	
Cisco Cyber Vision Advantage		Prepaid	2025-Jul-01	50	
				Showi	ng 1 Reco

The Update License Reservation wizard pops up.

Step 8In step 1, select Reserve a specific license.

Step 9 Reserve the number of tokens required for the corresponding license.

In our example, we reserve one token for the Cisco IC3000 license.

-			0			0	
STEP		ST	TEP 2		S	TEP 3	
Select Licenses		Rev	riew and Confirm		Au	thorization Code	
Product Type:	CCV						
JDI PID:	CV-CNTR-ESXI						
JDI Serial Number:	VMware-420f63	7e3da26755-98306b53c6b2d5	519				
enses to Reserve							
enses to Reserve	ave a surplus of the license	ion you want to record in the)	Alistup Account				
enses to Reserve	ave a surplus of the licens	es you want to reserve in the V	Virtual Account.				
enses to Reserve rder to continue, ensure that you ha Reserve a specific license	ave a surplus of the licens	es you want to reserve in the N	Virtual Account.				
enses to Reserve rder to continue, ensure that you ha Reserve a specific license	ave a surplus of the licens	es you want to reserve in the N	Virtual Account. Expires	Purchased	Available	Reserve	
anses to Reserve rder to continue, ensure that you hi Reserve a specific license License Cisco Cyber Vision Advantage	ave a surplus of the licens	es you want to reserve in the N	Virtual Account. Expires multiple terms	Purchased 45000	Available 32856	Reserve 50	
enses to Reserve rder to continue, ensure that you h Reserve a specific license License Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Smart license	ave a surplus of the licens	es you want to reserve in the N	Virtual Account. Expires multiple terms	Purchased 45000	Available 32856	Reserve 50	
Interest to Reserve Inder to continue, ensure that you h Reserve a specific license License Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Cisco Cyber Vision Essentials	ave a surplus of the licens	tes you want to reserve in the N	Virtual Account. Expires multiple terms 2023-Apr-03	Purchased 45000 10000	Available 32856 10000	Reserve 50 0	
Interest to Reserve Inder to continue, ensure that you ha Reserve a specific license License Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Cisco Cyber Vision Essentials Cisco Cyber Vision Essentials	ave a surplus of the licens	tes you want to reserve in the N	Virtual Account. Expires multiple terms 2023-Apr-03	Purchased 45000 10000	Available 32856 10000	Reserve 50 0	
Anses to Reserve rder to continue, ensure that you have Reserve a specific license License Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Smart Jonese Cisco Cyber Vision Essentials Cisco Cyber Vision Essentials	ave a surplus of the licens	tes you want to reserve in the V	Virtual Account. Expires multiple terms 2023-Apr-03 2022-Aug-10	Purchased 45000 10000 10	Available 32856 10000 9	Reserve 50 0	
Anses to Reserve rder to continue, ensure that you have Reserve a specific license License Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Cisco Cyber Vision Essentials Cisco Cyber Vision Essentials Cisco Cyber Vision Catalyst 9K IDS Cyber Vision Intrusion Detection License for	ave a surplus of the licens	tes you want to reserve in the V als Capabilities.	Virtual Account. Expires multiple terms 2023-Apr-03 2022-Aug-10	Purchased 45000 10000 10	Available 32856 10000 9	Reserve 50 0	



In step 2, check license reservations and click Generate Authorization Code.

STEP		STEP 2		s	TEP 3
Select Licens	ses	Review and Confi	rm	Aut	horization Code
Product Instance Details	i				
Product Type:	CCV				
UDI PID:	CV-CNTR-ESXI				
UDI Serial Number:	VMware-420f637e3da2	6755-98306b53c6b2d519			
Licenses to Reserve					
License			Expires	Quantity to Res	erve
Cisco Cyber Vision Advantage			multiple terms	50	
Cisco Cyber Vision Advantage Smart lice.	nse. Inclusive of Cyber Vision Essentials Capabil	ities.			
Cyber Vision Sensor Intrusion I	Detection License for IC3000		2023-Apr-03	1	
Cyber Vision Sensor Intrusion Detection I	icense for IC3000 Hardware-Sensor. Requires A	dvantage License.			

Step 11 In step 3, copy or save as a file the authorization code.

Do NOT close this window as this will be needed later to enter the Confirmation Code.

Jpdate License Reservation		\$
step 🕇 🗸	STEP 2 🗸	STEP 3
Select Licenses	Review and Confirm	Authorization Code
The Reservation Authorization Code below has been ger	rerated for this product instance. Several steps remain:	
 This code must be entered into the Product Instance's When the code has been entered, a Reservation Confi To release licenses in transition, enter confirmation code 	Smart Licensing settings to complete the reservation. rmation Code will be generated. le generated by device into CSSM.	
Authorization Code:		
<specificplr><authorizationcode><flag>A</flag><version>C<entillement><tag>regid 2019-10.com.cisc.CISCO_CYBER_<endoate>2025-Julo 1UTC</endoate><cli>cleanseTipe>TERMlicense. Inclusive of Cyber Vision Essentials Capabilities 1ag 12.com.cisc.CISCO_CYBER_UTCIncluding 2026-2010UTCIncluding 2026-2010UTCCommon Comparison ComparisonstepsilonCommon ComparisonCommon ComparisonIncluding 2020Including 2020</cli></tag></entillement></version></authorizationcode></specificplr>		stamp>1660125725907 <entitlements> 50<stantdate>2020-Jul-02 UTC</stantdate> anne>tagDecsption>Cisco Cyber Vision Advantage Smart ent><tag>regid.2019- te>2020-Apr-03 UTC<enddate>2023-Apr-03 EpiVame><tagdecsription>Cyber Vision Sensor Intrusion</tagdecsription></enddate></tag></entitlements>
To learn how to enter this code, see the configuration guide for t	he product being licensed	
	Download as File	Copy to Clipboard Enter Confirmation Code Close

What to do next

Authorize the license reservation update in Cisco Cyber Vision.

Authorize the license reservation update in Cisco Cyber Vision

Ρ	ro	C	e	dı	ır	e
	ιu	v	C١	u		c

Step 1 In Cisco Cyber Vision's Admin License page, click Update Reservation.

uluulu cisco			(8	Out of comp	s liance	<u>₩</u> 8×
Ø	🕅 System	Smart Software Lic	ensing			ACTIONS -
2	🗏 Data Manage 👻	To view and manage Smart Licenses	for your Cisco Smart Account, go to Smart Software Manager			ACTIONS +
	Metwork Organization	Smart Software Licensi	ng Status			
¢	🛛 Sensors 🗸 🗸	Software Subscription Licensing:	S Advantage			
Q	@ Active discov •	License mode:	Pre-paid Term Subscription			
۲	糸 Users 🗸 🗸	Registration Status: License Authorization Status:	 Registered - License Reservation (Wednesday, August 10, 2022 1 Out of Compliance (Wednesday, August 10, 2022 11:51 AM) 	1:51 AM)		
	⊲ Events					
	o ^{gr} API ∽	Smart License Usage				
	및 License	UPDATE RESERVATION RETURN RE	SERVED LICENSES			
	兔 LDAP Settings				In	
	Snort	License (Version)	Description	Reserved	Use	Status
	(?) Risk score	Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	\oslash Authorized
	≪ Integrations ✓	CISCO_CYBER_VISION_IDS_IC3	000	0	1	Out of
	器 Extensions					Compliance

The Enter Reservation Authorization Code window pops up.

Step 2 Paste the code or upload the file previously retrieved in CSSM or CSSM On-Prem.

below.	e containing your Reservation Authorization Code
Reservation Authorization Code :	
<pre><enddate>2023-Apr-03 UTC</enddate><licens< pre=""></licens<></pre>	eType>TERM <displayname>Cyber</displayname>
Vision Sensor Intrusion Detection License for IC3	3000 <u displayName> <tagdescription< u="">>Cyber Visior</tagdescription<>
Sensor Intrusion Detection License for IC3000 H	ardware-Sensor. Requires Advantage License.
<subscriptionid><td>onID></td></subscriptionid>	onID>
<signature>MEYCIQDtkRZPOnh+zmeQnZVeO\</signature>	WiOPa2Okl3r5cZ7dgCXqfbb7wlhAL2TzROMYlv6
	ature> <udi>P:CV_CNTR_ESXI S:VMware_</udi>
eMJmII8A9mcVAE7hdsUbxU/1AMuIoNa <th>atures suurst leve ervitit Eoki, 5. viviware</th>	atures suurst leve ervitit Eoki, 5. viviware
eMJmII8A9mcVAE7hdsUbxU/1AMuloNa420f637e3da26755-98306b53c6b2d519 <u udi>	
eMJmII8A9mcVAE7hdsUbxU/1AMuIoNa420f637e3da26755-98306b53c6b2d519 Browse	
eMJmII8A9mcVAE7hdsUbxU/1AMuIoNa420f637e3da26755-98306b53c6b2d519 Browse	
eMJmII8A9mcVAE7hdsUbxU/1AMuIoNa420f637e3da26755-98306b53c6b2d519 Browse	<u specificPLR

Step 3 Click Install Authorization Code/File.

The License Reservation Confirmation Code window appears.

Your License Reservation Confirmation Coo Reservation:	de is displayed below. To complete the update to the license
 Find this Product Instance in Smart S Select the "Enter Confirmation Code Enter or paste Reservation Confirma MPORTANT: The license usage will not be	Software Manager s" item in the Product Instance's Actions menu ation Code below into the dialog that appears updated in Smart Software Manager until the steps above
ave been completed afbdb1a4	

What to do next

Confirm the license reservation update.

Confirm the license reservation update

Procedure

Step 1 Copy the License Reservation Confirmation Code or save it to a file, then close the window.

Your License Reservation Confirmatior Reservation:	n Code is displayed below. To complete the update to the license
• Find this Product Instance in Sm	art Software Manager
Select the "Enter Confirmation C	Code" item in the Product Instance's Actions menu
 Enter or paste Reservation Conf 	hrmation Code below into the dialog that appears
IMPORTANT: The license usage will no	t be updated in Smart Software Manager until the steps above
have been completed	
afbdb1a4	

A message indicating that the license reservation has been updated appears in the Cisco Cyber Vision License page.

Note You can use the View Confirmation Code button if needed.

Smart License Usage				
You have updated the lice	nse reservation for this product instance.			
This process requires en do this. Code Has Been Entered	tering a confirmation code into Smart Software Manager. The license usage will not be updated in View Confirmation Code	n Smart Softv	vare Man	ager until you
UPDATE RESERVATION RETURN	RESERVED LICENSES			
License (Version)	Description	Reserved	In Use	Status
Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	100	0	⊘ No Licenses in Use

Step 2 In CSSM or CSSM On-Prem, click Enter Confirmation Code.

date License Reservation		
step 🕇 🗸	step $2 \checkmark$	STEP 3
Select Licenses	Review and Confirm	Authorization Code
The Reservation Authorization Code below has been ger 1. This code must be entered into the Product Instance's 2. When the code has been entered, a Reservation Confi 3. To release licenses in transition, enter confirmation cod Authorization Code: RespectificPLR> <authorizationcode><flag>A</flag><version>C wentilmemet><ag>regid:2019-10.com.cisc.CISCO_VDER wentDate>>CUBER.</ag></version></authorizationcode>	erated for this product instance. Several steps remain: Smart Licensing settings to complete the reservation. mation Code will be generated. le generated by device into CSSM. 	stamp>1660125725907 <entitlements> 502020-Jul-02 UTC</entitlements>
Icense. Inclusive of Cyber Vision Essentials Capabilities. 12.com.cisco.CISCO_CYBER_VISION_IDS_IC3000,1.0_60b6 UTCcenseType>TERM licenseType><displayhue< li=""> </displayhue<>	Description> <subscriptionid></subscriptionid> <entitlement><entitlement><entitlement><entitlement><entitlement><entitlement><entitlement><entitlement><entitlement><entitlement></entitlement></entitlement></entitlement></entitlement></entitlement></entitlement></entitlement></entitlement></entitlement></entitlement>	nt>tag>regid.2019- e>2020-Apr-03 UTC-(startDate> <enddate>2023-Apr-03 playName><tagdescription>Cyber Vision Sensor Intrusion</tagdescription></enddate>
To learn how to enter this code, see the configuration guide for t		
To learn how to enter this code, see the configuration guide for t		
To learn how to enter this code, see the configuration guide for t		
To learn how to enter this code, see the configuration guide for t		

Step 3 Paste the code or upload the file retrieved in Cisco Cyber Vision and click **OK**.

×
/as
ОК
,

In Cisco Cyber Vision, the license status switched to authorized.

uluilu cisco	Sensors	•					<u>v</u> 8 -
ø	Q Active discov	~	License mode:	Pre-paid Term Subscription			
	冬 Users	•	Registration Status: License Authorization Status:	 Registered - License Reservation (Wednesday, August 10, 202 Authorized - Reserved (Wednesday, August 10, 2022 12:02 P 	22 12:02 PM) M)		
	⊲ Events						
¢	& API	×	Smart License Usage				
Q	₩ License		You have updated the license reservation for this product instance.				
۲	糸 LDAP Settings		This process requires entering a confirmation code into Smart Software Manager. The license usage will not be updated in Smart Software Manager until you do this.				
	Snort						
	(?) Risk score						
	📽 Integrations	•	UPDATE RESERVATION RETURN	I RESERVED LICENSES			
	器 Extensions					In	
	Center Certificate		License (Version)	Description	Reserved	Use	Status
			Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of	50	4	\oslash
				Cyber Vision Essentials Capabilities.			Authorized
			Cyber Vision Sensor Intrusion Detection License for IC3000	Cyber Vision Sensor Intrusion Detection License for IC3000 Hardware-Sensor. Requires Advantage License.	1	1	⊘ Authorized

Step 4 Click Code Has Been Entered to clear the warning message.

The license token has been successfully updated and you can continue using Cisco Cyber Vision.

Network Organization Sensors 🗸 🗸	Smart Software Licen	sing Status			
Sensors 🗸					
	Software Subscription Licensing:	S Advantage			
Active discov 🗸	License mode:	Pre-paid Term Subscription			
Users 🗸	Registration Status: License Authorization Status:	 Registered - License Reservation (Wednesday, August 10, 202 Authorized - Reserved (Wednesday, August 10, 2022 12:02 P 	22 12:02 PM) M)		
Events					
API 🗸	Smart License Usage				
License	UPDATE RESERVATION RETURN	RESERVED LICENSES			
LDAP Settings				In	
ort	License (Version)	Description	Reserved	Use	Status
Risk score	Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	⊘ Authorized
Integrations 🗸	Cyber Vision Sensor Intrusion	Cyber Vision Sensor Intrusion Detection License for	1	1	\oslash
Extensions	Detection License for IC3000	IC3000 Hardware-Sensor. Requires Advantage License.			Authorized
	Active discov Jsers Events API DAP Settings Risk score Integrations Extensions	Active discov	Active discov License mode: Pre-paid Term Subscription Registration Status: Registered - License Reservation (Wednesday, August 10, 202 License Authorization Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 P Events API Smart License Usage UPDATE RESERVATION RETURN RESERVED LICENSES License UPDATE RESERVATION RETURN RESERVED LICENSES License Cyber Vision Advantage Cisco Cyber Vision Advantage Cisco Cyber Vision Advantage Cyber Vision Essentials Capabilities. Cyber Vision Sensor Intrusion Detection License for IC3000 IC3000 Hardware-Sensor. Requires Advantage License.	Active discov	Active discov License mode: Pre-paid Term Subscription Registration Status: Registration Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 PM) License Authorization Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 PM) License Authorization Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 PM) License Authorization Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 PM) License Authorization Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 PM) License Authorization Status: Authorized - Reserved (Wednesday, August 10, 2022 12:02 PM) License (UPDATE RESERVATION RETURN RESERVED LICENSES License License (Version) Description Advantage Smart license. Inclusive of Cyber Vision Advantage Cisco Cyber Vision Advantage Cisco Cyber Vision Sensor Intrusion Detection License for 1 1 Detection License for IC3000 IC3000 Hardware-Sensor. Requires Advantage License.

Return to evaluation mode

This section describes how to return to evaluation mode. To do so, you need first to deregister the Center from the offline reservation in Cisco Cyber Vision and then, to restore tokens in CSSM or CSSM On-Prem. Once back to evaluation mode, the 90-day countdown resumes where it has stopped. If the countdown has reached zero, access to Cisco Cyber Vision user interface will be prevented.

To deregister the Center:

Deregister the Center

co Cyber Vision, clici	the button Return Reserved Licenses.			
				<u>8</u>
Smart Software L	icensing		ACTI	ons -
To view and manage Smart Licen	ses for your Cisco Smart Account, go to Smart Software Manager		L	
Smart Software Licer	nsing Status			
Software Subscription Licensing	; 🔇 Advantage			
Registration Status:	⊘ Registered - License Reservation (Thursday, December 17, 202	0 3:27 PM)		
License Authorization Status:	Authorized - Reserved (Thursday, December 17, 2020 3:27 PM))		
Smart License Usage				
UPDATE RESERVATION	RESERVED LICENSES			
			In	

The Confirm Return Licenses window opens.

Step 2 Confirm the deregistration clicking the button Generate Reservation Return Code.

🛆 Confirm Return Licenses	
If you continue, a License Reservation Return code will be back into Evaluation Mode. The Return code must be ente licenses to be used by other product instances.	e generated an this product will be deregistered and will go ered into Smart Software Manager in order to release the
	Generate Reservation Return Code Cancel

The Reservation Return Code is displayed.

	is disclosed below. To accord to some Users a Descention Detune.
our License Reservation Return Code	is displayed below. To complete your License Reservation Return:
Find this Product Instance in Small	art Software Manager
Select the "Remove" item in the	Actions menu for the Product Instance.
Enter or paste the Reservation R	leturn code below into the dialog that appears
MPORTANT: The licenses will remain r	reserved in Smart Software Manager and therefore cannot be used for oth
roducts until the steps above have bee	en completed.
CW3738-tb6Qso-d8ffoq-TGYdws-8b6	6q3m-T2B7Fo-PTPc69-yU7ANj-oeh
CW3738-tb6Qso-d8ffoq-TGYdws-8b6 <	6q3m-T2B7Fo-PTPc69-yU7ANj-oeh

Step 3As you will need this code later in the procedure, copy it somewhere or click Save to file.Cisco Cyber Vision switches to Evaluation mode.

Smart Software Li	Sensing	
Sillart Software Li		
1 You are currently runn	ing in Evaluation mode.	
To register Cisco	Cyber Vision with Cisco Smart Software Licensing:	
Ensure this product in to edit the Software Ensure this product i Log in to your Smart Navigate to the Virtu Generate a Product i REGISTER	Subscription Licensing, nas access to the internet. This might require you to edit the Smart Call Home Transport Settings. Account in Smart Software Manager. Ial Account containing the licenses to be used by this Product Instance. Instance Registration Token (this identifies your Smart Account) and copy or save it.	u
Smart Software Licens	ing Status	
Software Subscription Licensing:	S Advantage VIEW / EDIT	
Registration Status:	🛆 Unregistered (Thursday, December 17, 2020 3:27 PM)	
License Authorization Status:		
Transport Cottinger	Direct VIEW/ (EDIT	

However, since tokens are still in use in the Cisco Smart Accounting balance, you must proceed with the following steps to restore tokens.

Restore tokens in CSSM or CSSM On-Prem

Procedure

Step 1In Cisco Software Central, navigate to Inventory > Product Instances.Step 2Search for your Center instance in the list and click Actions > Remove.

Cisco Software Central > Smart Software Licensir Smart Software Licensing	ıg		🛍 InternalT	estDemoAccount20.cisco.cor Feedback Support Hel
Alerts Inventory Convert to Smart Licensing	Reports Preferences On-Prem	Accounts Activity		
Virtual Account: IOT Security Demo	os		6 Major 10 Minor 6 I	nformational Hide Alerts
General Licenses Product Instan	nces Event Log			
Authorize License-Enforced Features	ſ	Sea	rch by Name, Product Type	٩
Name	Product Type	Last Contact 🗢	Alerts	Actions
center	004	2020-Dec-17 13:24:39		Actions 🗸
center .	00V	2020-Dec-17 13:22:21		Actions 👻
center	007	2020-Dec-17 13:22:05		Actions 👻
center	004	2020-Dec-17 13:20:35		Actions 👻
center	007	2020-Dec-17 13:17:36		Actions 👻
UDI_PID:CV-CNTR-ESXI; UDI_SN:CENTERVM-I	NT17047; CCV	2020-Dec-16 18:50:19 (Re	eserved Licens	Actions 👻
center	007	2020-Dec-15-06.59:53	Transfer	
center	004	2020-Dec-11 20:22:04	Update Reserved L	icenses
center	007	2020-Dec-11 17:06:55	Remove	
center	007	2020-Dec-11 10:58:34	Rehost Licenses fr	om a Failed Product
10 🗸			Showing Page 3 of 11 (101 Rec	cords) 4 4 > >

The Remove Product Instance pop up opens with the Reservation Return Code.

Step 3 Paste the Reservation Return Code previously retrieved and click Remove Product Instance.

Remove Product Instar	nce	×
To remove a Product Instance that h available to other Product Instances Instance. If you cannot generate a R	as reserved licenses and make those licenses once ag , enter in the Reservation Return Code generated by the eservation Return Code, contact Cisco Support	pain Product
Reservation Return Code:	CW3738-tb6Qso-d8ffoq-TGYdws-8b6q3m-T287Fo- PTPc69-yU7ANj-oeh	
s	Remove Product Instance	Cancel

The Center instance is no longer in the list and tokens are restored.



Useful commands

• Useful commands, on page 53

Useful commands

To query the number of tokens (i.e. components) in use in Cisco Cyber Vision when in evaluation mode, use the following command:

smartagentctl --get-license-summary

You will get the following response:

root@center:~# smartagentctlget-license-summary
{"reservationEnableFlag":false,"postPaidUsageSubscription":false,"registrationDetails":{"registrationExpireTime":"1970-01-01
T00:00:00Z","registrationFailed":false,"registrationLastRenewTime":"1970-01-01T00:00:00Z","registrationNextRenewTime":"1970-
01-01700:00:00Z","registrationStatus":"UNREGISTERED","reservationStartTime":"1970-01-01T00:00:00Z"},"authorizationDetails":
"authorizationExpired":false,"authorizationExpiredAtTime":"1970-01-01T00:00:00Z","authorizationFailMessage":"Communication r
ot started.","authorizationFailed":false,"authorizationLastTime":"2021-01-08T11:52:332","authorizationNextTime":"1970-01-01
00:00:00Z","authorizationStatus":"EVAL MODE","outOfComplianceStartTime":"1970-01-01T00:00Z","evaluationExpiredAtTime":"1
70-01-01T00:00:00Z","evaluationPeriodRemaining":55,"inEvaluation":true,"inUtilityMode":false,"reservationType":"SmartAgentRe
servationTypeNone"},"entitlementDetails":{"licenseUsage":[{"licenseUsageStatus":"EVAL MODE","requestedCount":105,"reservedCo
unt":0,"entitlementTag":"regid.2019-10.com.cisco.CISCO_CYBER_VISION_A,1.0_6eb07f5f-44f0-4253-a1a5-49426709a65f"}]}}
root@center:~#

The number of tokens is displayed in the mention:

licenseUsageStatus":"EVAL MODE",

I



External resource

• External Resource for direct connection, on page 55

External Resource for direct connection

Herebelow is the URL called by the Cisco Cyber Vision Center in case you need to authorize it, for example in a firewall.

• https://tools.cisco.com/its/service/oddce/services/DDCEService