



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 1](#)
- [Update license registration, on page 12](#)
- [Return to evaluation mode, on page 24](#)

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:

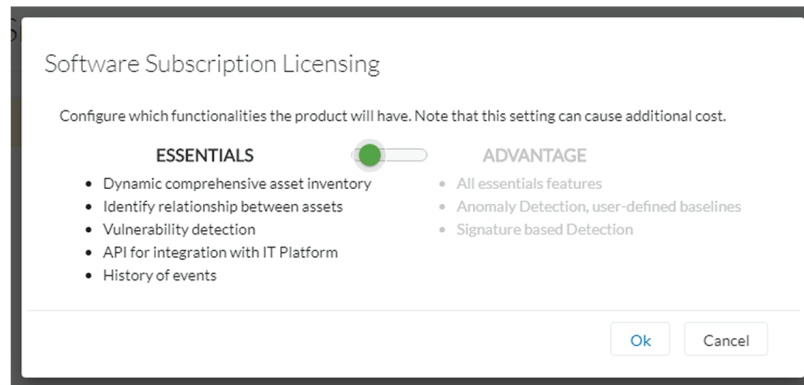
Procedure

- 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.

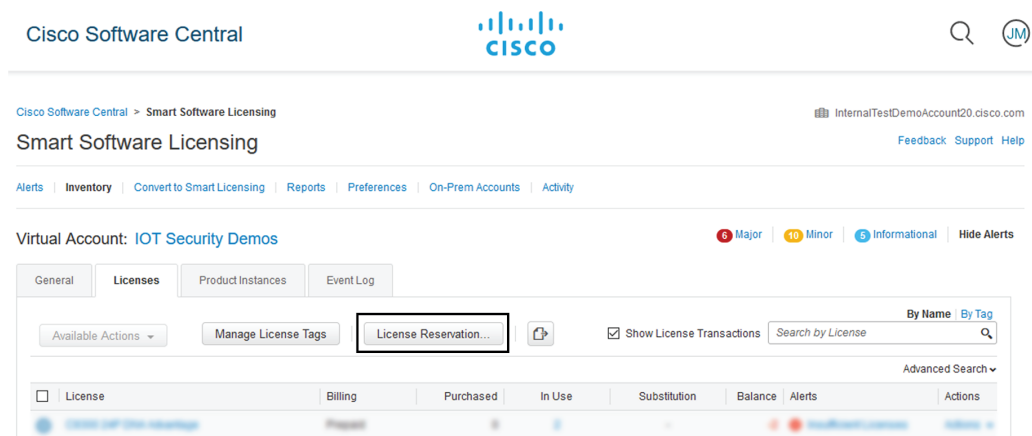


Perform pre-registration checks

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 that the License reservation button is enabled. If it's not the case, open a case in cisco.com and provide a business justification.



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. 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

Smart Software Licensing

Virtual Account: IOT Security Demos

6 Major 10 Minor 5 Informational Hide Alerts

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

License	Billing	Purchased	In Use	Substitution	Balance	Alerts	Actions
Cisco IOT Data Advantage	Prepaid	0	0	-	-	1	Actions
Cisco IOT Network Advantage	Prepaid	0	0	-	-	1	Actions
Cisco IOT Network Essentials	Prepaid	0	0	-	-	1	Actions
Cisco IOT Network Pro Advantage	Prepaid	0	0	-	-	1	Actions
Cisco Cyber Vision Advantage	Prepaid	59000	14343 (9843 Reserved)	-	+ 44657	0	Actions
Cisco Cyber Vision Essentials	Prepaid	0	0	-	-	1	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.

Procedure

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

i You are currently running in Evaluation mode.

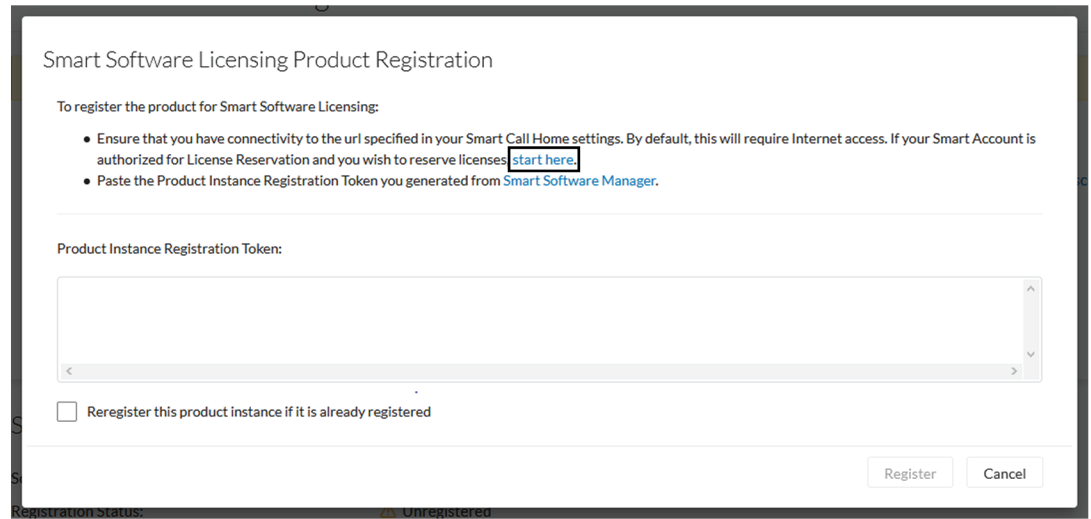
To register Cisco Cyber Vision with Cisco Smart Software Licensing:

- 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 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 Account is authorized for License Reservation and you wish to reserve licenses [start here](#).
- Paste the Product Instance Registration Token you generated from [Smart Software Manager](#).

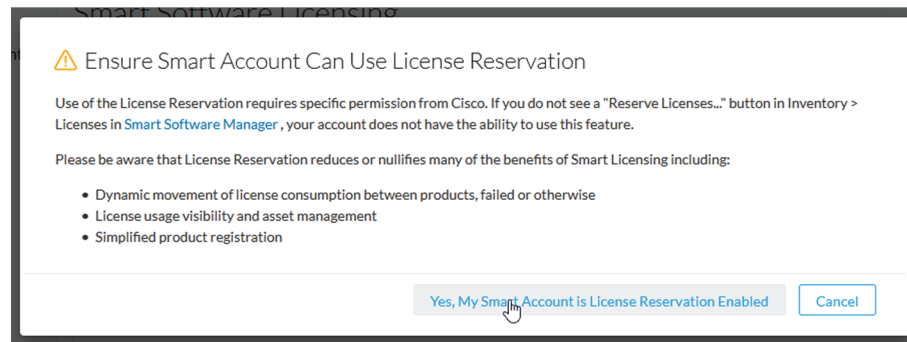
Product Instance Registration Token:

Reregister this product instance if it is already registered

Register Cancel

Registration Status: Unregistered

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



Smart Software Licensing

⚠ Ensure Smart Account Can Use License Reservation

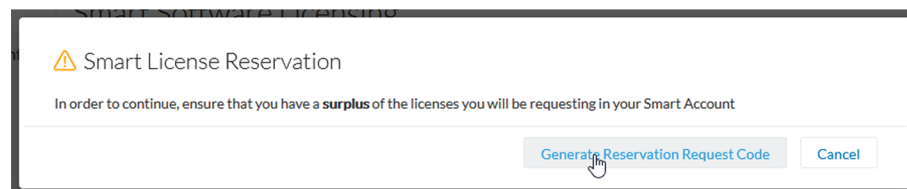
Use of the License Reservation requires specific permission from Cisco. If you do not see a "Reserve Licenses..." button in Inventory > Licenses in [Smart Software Manager](#), your account does not have the ability to use this feature.

Please be aware that License Reservation reduces or nullifies many of the benefits of Smart Licensing including:

- Dynamic movement of license consumption between products, failed or otherwise
- License usage visibility and asset management
- Simplified product registration

Yes, My Smart Account is License Reservation Enabled Cancel

Step 4 Click Generate Reservation Request code.



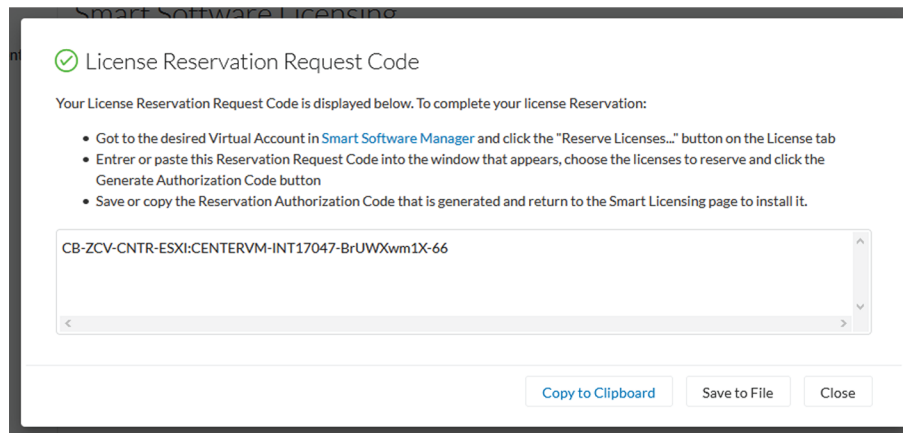
Smart Software Licensing

⚠ Smart License Reservation

In order to continue, ensure that you have a **surplus** of the licenses you will be requesting in your Smart Account

Generate Reservation Request Code Cancel

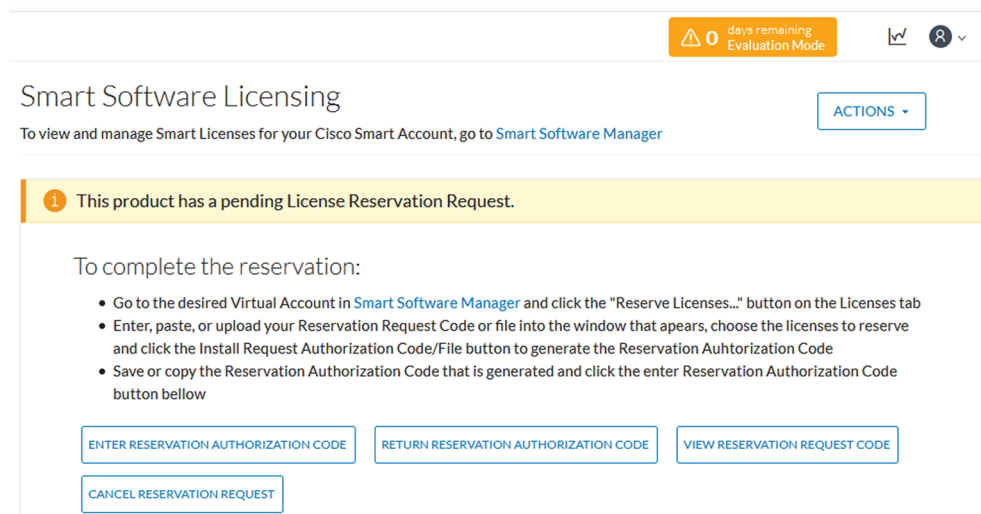
Your Reservation Request code is shown.



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.



These buttons will allow you to perform the following actions:

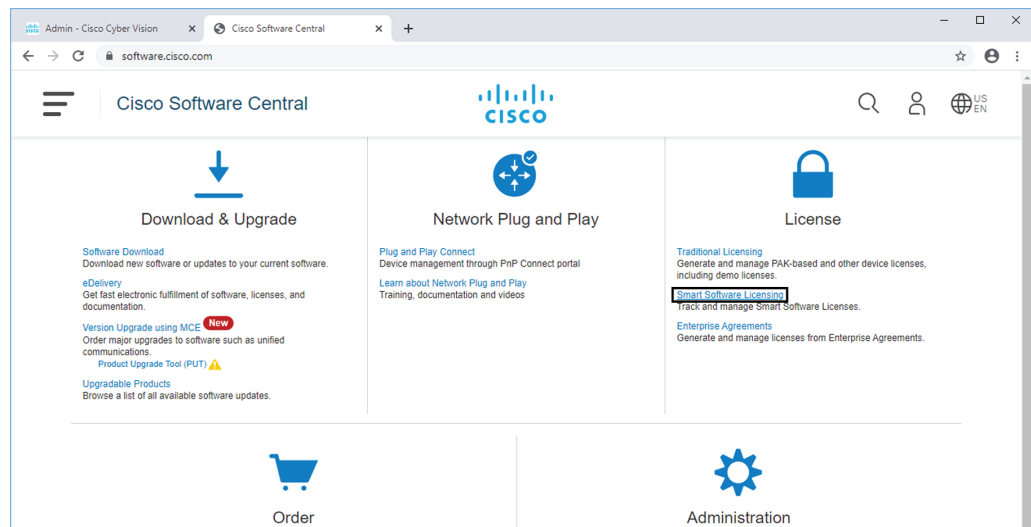
- Enter reservation authorization code: Finalize the reservation request with a code provided in the Smart Accounting software.
- Return reservation authorized code: Deregister a Center and restore tokens to the licensing balance.
- View reservation request code: View the request code in case you didn't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

Reserve a license

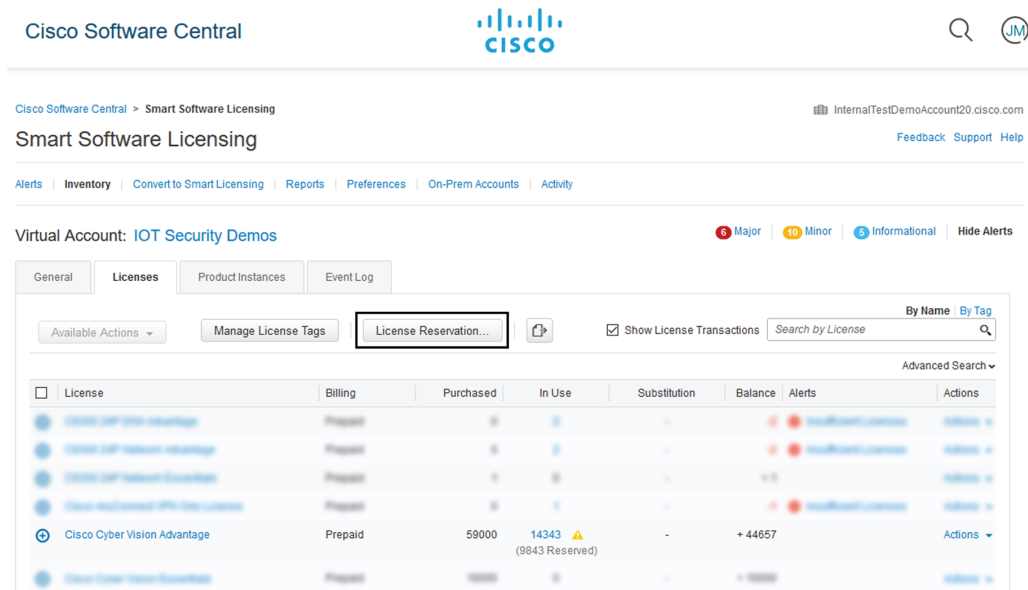
This section describes how to reserve a license in CSSM. To do so, you will use the Reservation Request code generated in Cisco Cyber Vision in order to reserve a license and assign it a number of tokens. As a result, you will get an authorization code to be entered in Cisco Cyber Vision in the following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

Procedure

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



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



Cisco Software Central

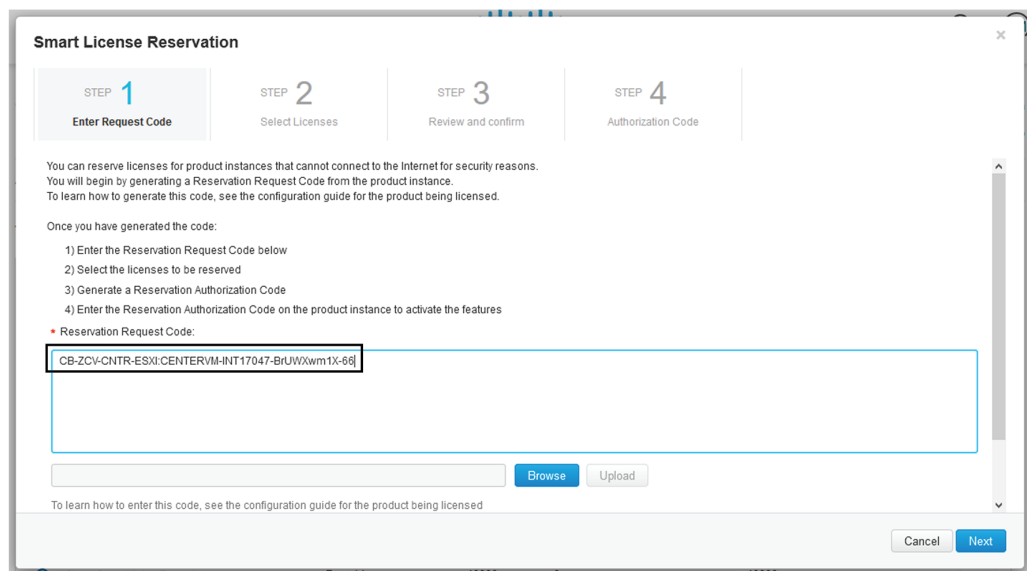
Smart Software Licensing

Virtual Account: IOT Security Demos

License Reservation...

License	Billing	Purchased	In Use	Substitution	Balance	Alerts	Actions
Cisco IOT Data Advantage	Prepaid	0	0	-	-	1	Actions
Cisco IOT Network Advantage	Prepaid	0	0	-	-	1	Actions
Cisco IOT Network Essentials	Prepaid	0	0	-	-	1	Actions
Cisco IOT Network Pro	Prepaid	0	0	-	-	1	Actions
Cisco Cyber Vision Advantage	Prepaid	59000	14343 (9843 Reserved)	-	+ 44657	0	Actions
Cisco Cyber Vision Essentials	Prepaid	0	0	-	-	1	Actions

The Smart License Reservation wizard opens.



Smart License Reservation

STEP 1 Enter Request Code

STEP 2 Select Licenses

STEP 3 Review and confirm

STEP 4 Authorization Code

You can reserve licenses for product instances that cannot connect to the Internet for security reasons. You will begin by generating a Reservation Request Code from the product instance. To learn how to generate this code, see the configuration guide for the product being licensed.

Once you have generated the code:

- 1) Enter the Reservation Request Code below
- 2) Select the licenses to be reserved
- 3) Generate a Reservation Authorization Code
- 4) Enter the Reservation Authorization Code on the product instance to activate the features

Reservation Request Code:

CB-ZCV-CNTR-ESXI-CENTERVM-INT17047-BRUWxwm1X-68

Browse Upload

Cancel Next

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.

Smart License Reservation

STEP 1 ✓ Enter Request Code | **STEP 2 Select Licenses** | STEP 3 Review and confirm | STEP 4 Authorization Code

Product Instance Details

Product Type: CCV
 UDI PID: CV-CNTR-ESXI
 UDI Serial Number: CENTERVM-INT17047

Licenses to Reserve

In order to continue, ensure that you have a surplus of the licenses you want to reserve in the Virtual Account.

Reserve a specific license

License	Expires	Purchased	Available	Reserve
Cisco Cyber Vision Advantage <small>Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.</small>	multiple terms	59000	49107	50

Cancel Next

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

Smart License Reservation

STEP 1 ✓ Enter Request Code | STEP 2 ✓ Select Licenses | **STEP 3 Review and confirm** | STEP 4 Authorization Code

Product Instance Details

Product Type: CCV
 UDI PID: CV-CNTR-ESXI
 UDI Serial Number: CENTERVM-INT17047

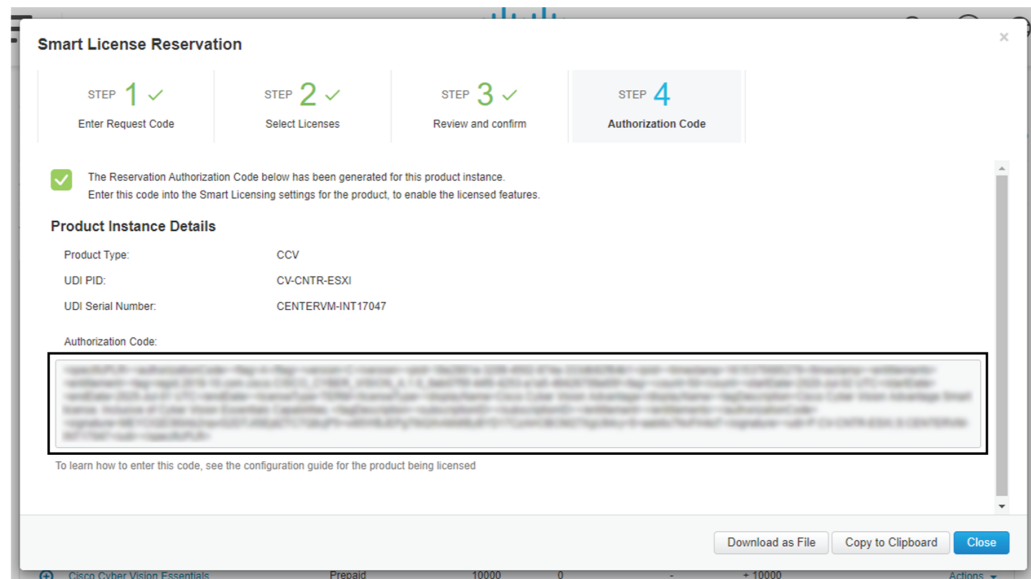
Licenses to Reserve

License	Expires	Quantity to Reserve
Cisco Cyber Vision Advantage <small>Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.</small>	-	50

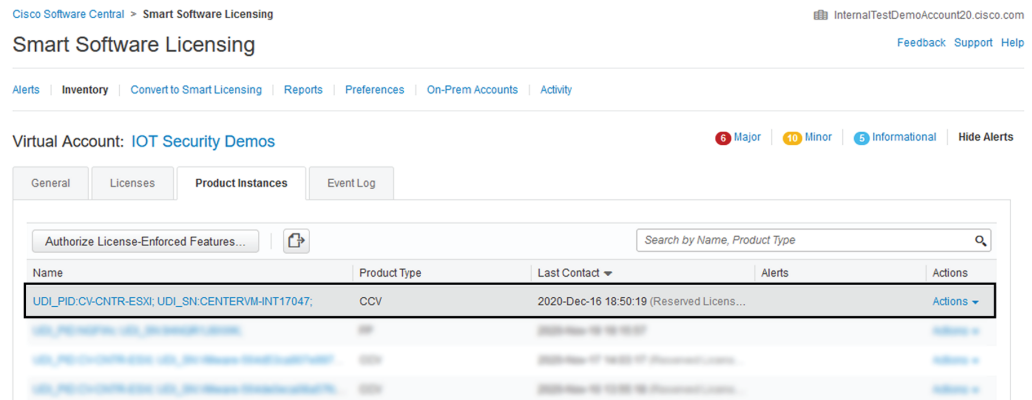
Cancel Back **Generate Authorization Code**

Step 8 Get your authorization code.

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



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



Authorize the license

This section describes how to enter the authorization code retrieved from CSSM 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.



The screenshot shows the 'Smart Software Licensing' page. At the top right, there is a notification: '0 days remaining Evaluation Mode'. Below the header, the page title is 'Smart Software Licensing' with an 'ACTIONS' dropdown menu. A yellow banner states: 'This product has a pending License Reservation Request.' Below this, instructions are provided: 'To complete the reservation: Go to the desired Virtual Account in Smart Software Manager and click the "Reserve Licenses..." button on the Licenses tab. Enter, paste, or upload your Reservation Request Code or file into the window that appears, choose the licenses to reserve and click the Install Request Authorization Code/File button to generate the Reservation Authorization Code. Save or copy the Reservation Authorization Code that is generated and click the enter Reservation Authorization Code button below.' Four buttons are visible: 'ENTER RESERVATION AUTHORIZATION CODE' (highlighted with a red box), 'RETURN RESERVATION AUTHORIZATION CODE', 'VIEW RESERVATION REQUEST CODE', and 'CANCEL RESERVATION REQUEST'. Below the instructions, the 'Smart Software Licensing Status' is shown: 'Software Subscription Licensing: Advantage VIEW / EDIT', 'Registration Status: License Reservation Pending', and '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.
- Step 3** Click Install Authorization Code/File.

The screenshot shows a dialog box titled 'Enter Reservation Authorization Code'. The text inside reads: 'To complete the reservation, enter or upload a file containing your Reservation Authorization Code below.' Below this, there is a text area labeled 'Reservation Authorization Code:' containing a long, multi-line alphanumeric string. A 'Browse' button is located below the text area. At the bottom of the dialog, there are two buttons: 'Install Authorization Code/File' (highlighted with a red box) and 'Cancel'.

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

Smart Software Licensing

To view and manage Smart Licenses for your Cisco Smart Account, go to [Smart Software Manager](#)

ACTIONS ▾

Smart Software Licensing 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)

Smart License Usage

UPDATE RESERVATION
RETURN RESERVED LICENSES

License (Version)	Description	In		
		Reserved	Use	Status
Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	31	✔ Authorized

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. 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.

The screenshot shows the Cisco Smart Software Licensing (SSL) interface. At the top right, a red notification banner states "The license is Out of compliance". The main content area is titled "Smart Software Licensing" and includes a sub-section "Smart Software Licensing Status".

Smart Software Licensing Status

- Software Subscription Licensing: Advantage
- License mode: Pre-paid Term Subscription
- Registration Status: Registered - License Reservation (Wednesday, August 10, 2022 11:51 AM)
- License Authorization Status: Out of Compliance (Wednesday, August 10, 2022 11:51 AM)

Below the status section is the "Smart License Usage" section, which contains two buttons: "UPDATE RESERVATION" and "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.	50	4	Authorized
CISCO_CYBER_VISION_IDS_IC3000		0	1	Out of Compliance

Update the license reservation in CSSM

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.

License (Version)	Description	Reserved	In Use	Status
Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	Authorized
CISCO_CYBER_VISION_IDS_IC3000		0	1	Out of Compliance

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, navigate to Inventory > Product Instances.

Step 4

In the search field, paste the Center serial number.

Cisco Software Central > Smart Software Licensing

InternalTestDemoAccount20.cisco.com

Smart Software Licensing


[Support](#) [Help](#)

[Alerts](#) | [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [On-Prem Accounts](#) | [Activity](#)

Virtual Account: IOT Security Demos

26 Major | 37 Minor | 11 Informational | [Hide Alerts](#)

General | Licenses | **Product Instances** | Event Log


Authorize License-Enforced Features... 

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.

Virtual Account: IOT Security Demos 26 Major | 37 Minor | 11 Informational | [Hide Alerts](#)

General | Licenses | **Product Instances** | Event Log


Authorize License-Enforced Features... 

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	

Your Center instance appears.

Virtual Account: IOT Security Demos 26 Major | 37 Minor | 11 Informational | [Hide Alerts](#)

General | Licenses | **Product Instances** | Event Log

Authorize License-Enforced Features... 

Name	Product Type	Last Contact	Alerts
UDI_PID:CV-CNTR-ESXi; UDI_SN:VMware-420f637e3d...	CCV	2022-Aug-10 09:52:17 (Reserved Licenses)	

Showing 1 Record

Step 6 Click the Center instance's link.

Virtual Account: IOT Security Demos 26 Major | 37 Minor | 11 Informational | Hide Alerts

General Licenses **Product Instances** Event Log

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)	

Showing 1 Record

The Center instance details window pops up.

Step 7

Click **Update reservation**.

UDI_PID:CV-CNTR-ESXI; UDI_SN:VMware-420f637e3da26755-98306b53c6b2d519;

Overview **Event Log**

Description
Cisco Cyber Vision

General

Name: UDI_PID:CV-CNTR-ESXI; UDI_SN:VMware-420f637e3da26755-98306b53c6b2d519;
 Product: Cisco Cyber Vision
 Host Identifier: -
 MAC Address: -
 PID: CV-CNTR-ESXI
 Serial Number: VMware-420f637e3da26755-98306b53c6b2d519
 UUID: -
 Virtual Account: IOT Security Demos
 Registration Date: 2022-Aug-10 09:52:17
 Last Contact: 2022-Aug-10 09:52:17 (Reserved Licenses) - [Download Reservation Authorization Code](#)

License Usage These licenses are reserved on this product instance [Update reservation](#)

License	Billing	Expires	Required
Cisco Cyber Vision Advantage	Prepaid	2025-Jul-01	50

Showing 1 Record

Actions ▾

The Update License Reservation wizard pops up.

Step 8

In 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.

Update License Reservation

STEP 1

Select Licenses

STEP 2

Review and Confirm

STEP 3

Authorization Code

Product Type: CCV
 UDI PID: CV-CNTR-ESXI
 UDI Serial Number: VMware-420f637e3da26755-98306b53c6b2d519

Licenses to Reserve

In order to continue, ensure that you have a surplus of the licenses you want to reserve in the Virtual Account.

Reserve a specific license

License	Expires	Purchased	Available	Reserve
Cisco Cyber Vision Advantage <small>Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.</small>	multiple terms	45000	32856	50
Cisco Cyber Vision Essentials <small>Cisco Cyber Vision Essentials Smart license</small>	2023-Apr-03	10000	10000	0
Cyber Vision Catalyst 9K IDS <small>Cyber Vision Intrusion Detection License for Catalyst 9K Series. Requires Advantage License.</small>	2022-Aug-10	10	9	0
Cyber Vision Sensor Intrusion Detection License for IC3000 <small>Cyber Vision Sensor Intrusion Detection License for IC3000 Hardware-Sensor. Requires Advantage License.</small>	2023-Apr-03	100	68	1

Cancel Next

Step 10 In step 2, check license reservations and click **Generate Authorization Code**.

Update License Reservation

STEP 1 ✓

Select Licenses

STEP 2

Review and Confirm

STEP 3

Authorization Code

Product Instance Details

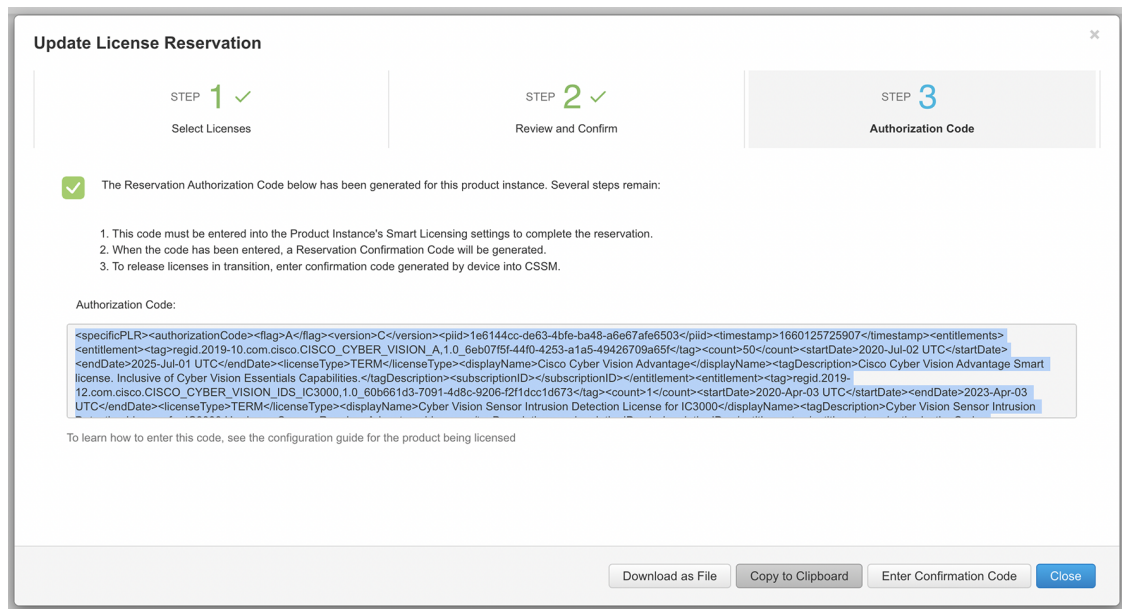
Product Type: CCV
 UDI PID: CV-CNTR-ESXI
 UDI Serial Number: VMware-420f637e3da26755-98306b53c6b2d519

Licenses to Reserve

License	Expires	Quantity to Reserve
Cisco Cyber Vision Advantage <small>Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.</small>	multiple terms	50
Cyber Vision Sensor Intrusion Detection License for IC3000 <small>Cyber Vision Sensor Intrusion Detection License for IC3000 Hardware-Sensor. Requires Advantage License.</small>	2023-Apr-03	1

Cancel Back Generate Authorization Code

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.



What to do next

Authorize the license reservation update in Cisco Cyber Vision.

Authorize the license reservation update in Cisco Cyber Vision

Procedure

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

The license is Out of compliance

Smart Software Licensing

To view and manage Smart Licenses for your Cisco Smart Account, go to [Smart Software Manager](#)

Smart Software Licensing Status

Software Subscription Licensing: Advantage
 License mode: Pre-paid Term Subscription
 Registration Status: Registered - License Reservation (Wednesday, August 10, 2022 11:51 AM)
 License Authorization Status: Out of Compliance (Wednesday, August 10, 2022 11:51 AM)

Smart License Usage

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.	50	4	Authorized
CISCO_CYBER_VISION_IDS_IC3000		0	1	Out of Compliance

The Enter Reservation Authorization Code window pops up.

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

Enter Reservation Authorization Code

To complete the reservation, enter or upload a file containing your Reservation Authorization Code below.

Reservation Authorization Code:

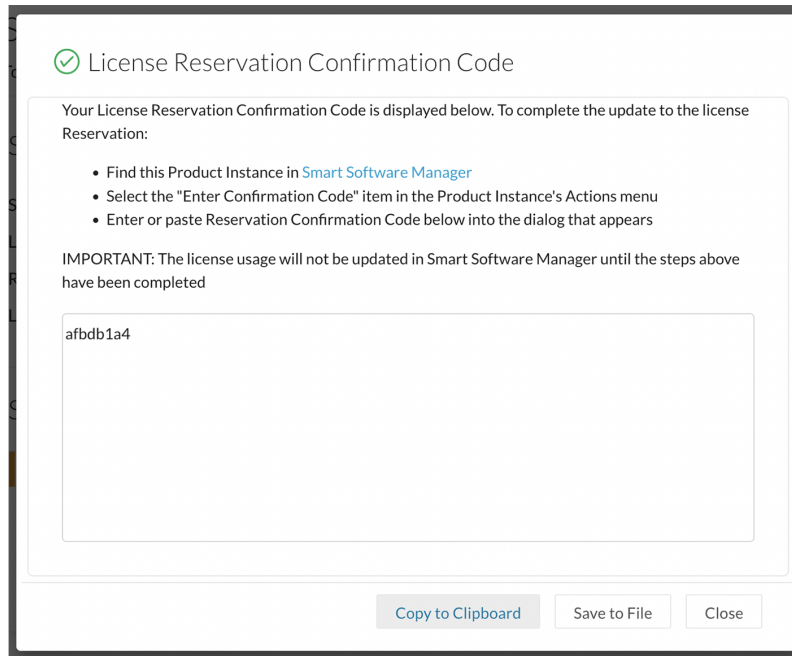
```
<endDate>2023-Apr-03 UTC</endDate><licenseType>TERM</licenseType><displayName>Cyber Vision Sensor Intrusion Detection License for IC3000</displayName><tagDescription>Cyber Vision Sensor Intrusion Detection License for IC3000 Hardware-Sensor. Requires Advantage License.</tagDescription><subscriptionID></subscriptionID></entitlement></entitlements></authorizationCode><signature>MEYCIQDtkRZPOnh+zmeQnZVeOWiOPa2OkI3r5cZ7dgCXqfbb7wlhAL2TzROMYlv65eMJmII8A9mcVAE7hdsUbxU/1AMuloNa</signature><uid>P:CV:CNTR-ESXLS:VMware-420f637e3da26755-98306b53c6b2d519</uid></specificPLR>
```

Browse

Install Authorization Code/File Cancel

Step 3 Click **Install Authorization Code/File**.

The License Reservation Confirmation Code window appears.



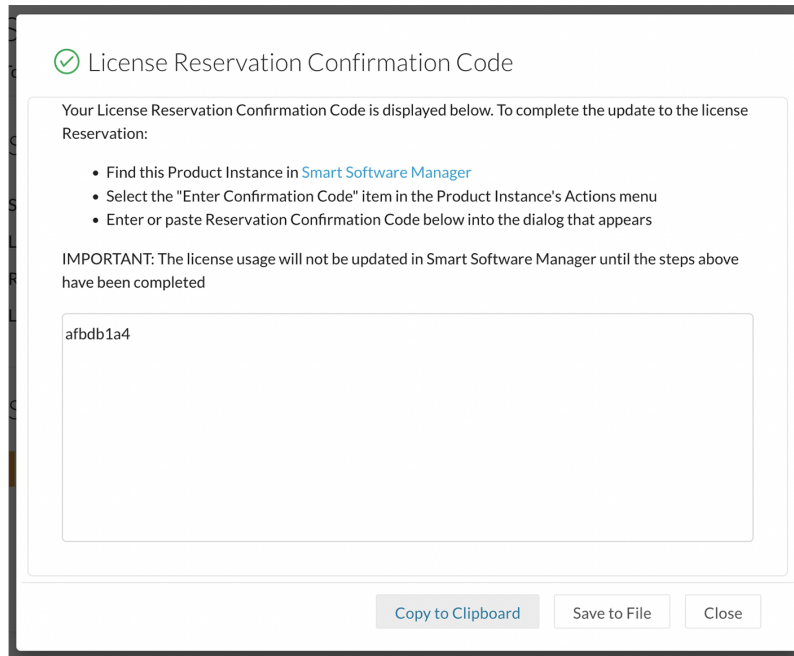
What to do next

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.



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 license reservation for this product instance.

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.

[Code Has Been Entered](#) [View Confirmation Code](#)

[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, click **Enter Confirmation Code**.

Confirm the license reservation update

Update License Reservation

STEP 1 ✓
Select Licenses

STEP 2 ✓
Review and Confirm

STEP 3
Authorization Code

✓ The Reservation Authorization Code below has been generated for this product instance. Several steps remain:

1. This code must be entered into the Product Instance's Smart Licensing settings to complete the reservation.
2. When the code has been entered, a Reservation Confirmation Code will be generated.
3. To release licenses in transition, enter confirmation code generated by device into CSSM.

Authorization Code:

```

<specificPLR><authorizationCode><flag>A</flag><version>C</version><pid>1e6144cc-de63-4bfe-ba48-a6e67afe6503</pid><timestamp>1660125725907</timestamp><entitlements>
<entitlement><tag>regid.2019-10.com.cisco.CISCO_CYBER_VISION_A.1.0_6eb07f5f-44f0-4253-a1a5-49426709a65f</tag><count>50</count><startDate>2020-Jul-02 UTC</startDate>
<endDate>2025-Jul-01 UTC</endDate><licenseType>TERM</licenseType><displayName>Cisco Cyber Vision Advantage</displayName><tagDescription>Cisco Cyber Vision Advantage Smart
license. Inclusive of Cyber Vision Essentials Capabilities.</tagDescription><subscriptionID></subscriptionID></entitlement><entitlement><tag>regid.2019-
12.com.cisco.CISCO_CYBER_VISION_IDS_IC3000.1.0_60b661d3-7091-4d8c-9206-f2f1dcc1d673</tag><count>1</count><startDate>2020-Apr-03 UTC</startDate><endDate>2023-Apr-03
UTC</endDate><licenseType>TERM</licenseType><displayName>Cyber Vision Sensor Intrusion Detection License for IC3000</displayName><tagDescription>Cyber Vision Sensor Intrusion

```

To learn how to enter this code, see the configuration guide for the product being licensed

Download as File Copy to Clipboard Enter Confirmation Code Close

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

Enter Confirmation Code

To complete the pending License Reservation, enter the Reservation Confirmation Code that was generated by the Product Instance after the Reservation Authorization Code was installed.

* Reservation Confirmation Code:

afbdb1a4

Browse
Upload

Cancel OK

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

The screenshot shows the Cisco Smart Software Manager interface. On the left is a navigation sidebar with options like Sensors, Active discovery, Users, Events, API, License, LDAP Settings, Snort, Risk score, Integrations, Extensions, Center Certificate, and SNMP. The main content area displays license details for a 'Pre-paid Term Subscription'. It shows the registration and authorization status as 'Registered - License Reservation' and 'Authorized - Reserved' respectively, both dated Wednesday, August 10, 2022 12:02 PM. Below this, a 'Smart License Usage' section contains a yellow warning message: 'You have updated the license reservation for this product instance. 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.' Two buttons are visible: 'Code Has Been Entered' (highlighted with a red box) and 'View Confirmation Code'. Below the warning are buttons for 'UPDATE RESERVATION' and 'RETURN RESERVED LICENSES'. A table lists the license usage:

License (Version)	Description	Reserved	In Use	Status
Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	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.

The screenshot shows the Cisco Smart Software Manager interface after the update. The navigation sidebar is the same. The main content area shows the 'Smart Software Licensing Status' section with 'Software Subscription Licensing: Advantage'. The license mode, registration status, and authorization status are the same as in the previous screenshot. The 'Smart License Usage' section now shows the 'UPDATE RESERVATION' and 'RETURN RESERVED LICENSES' buttons without the warning message. The license usage table is identical to the one in the previous screenshot:

License (Version)	Description	Reserved	In Use	Status
Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	4	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

Return to evaluation mode

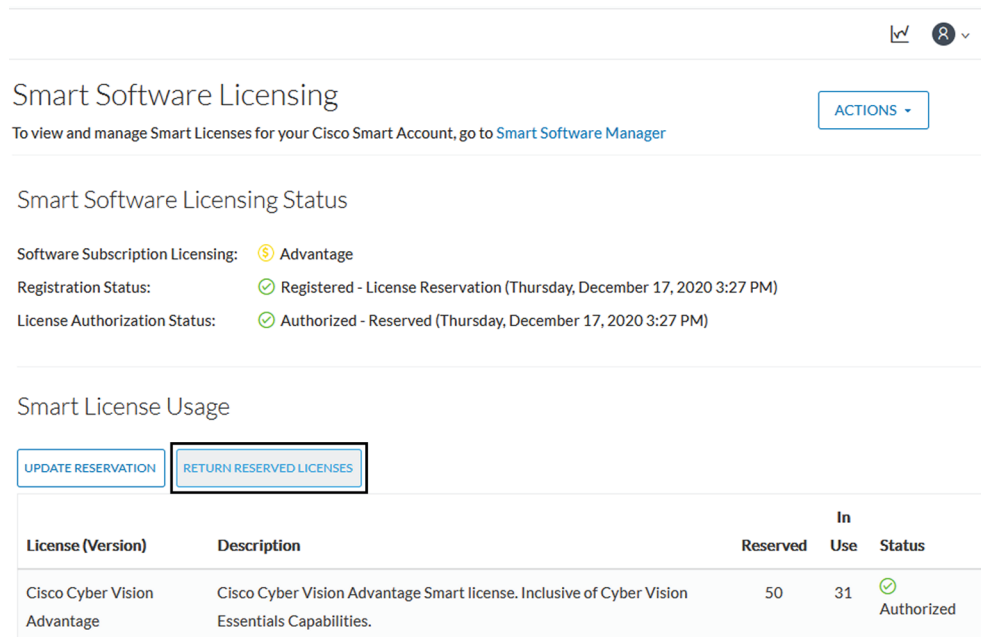
This section describes how to return to evaluation mode. To do so, you need first to deregister the Center from the offline reservation in Cisco Cyber Vision and then, to restore tokens in CSSM. Once back to evaluation mode, the 90-day countdown resumes where it has stopped. If the countdown has reached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

To deregister the Center:

Deregister the Center

Procedure

Step 1 In Cisco Cyber Vision, click the button Return Reserved Licenses.



Smart Software Licensing

To view and manage Smart Licenses for your Cisco Smart Account, go to [Smart Software Manager](#)

Smart Software Licensing 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)

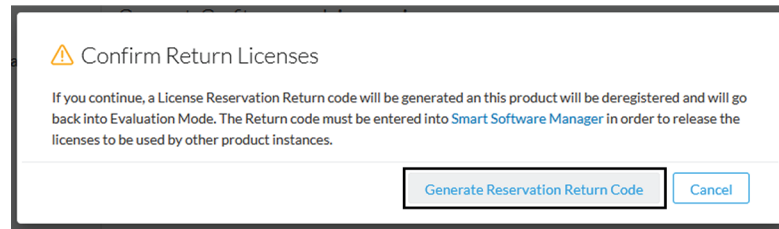
Smart License Usage

UPDATE RESERVATION RETURN RESERVED LICENSES

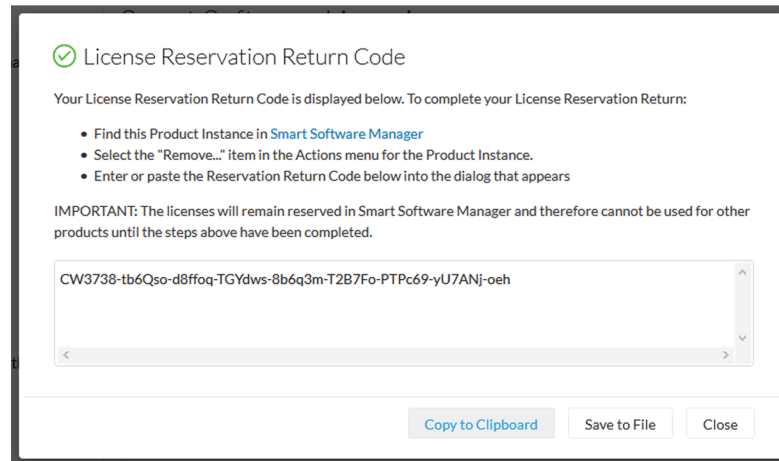
License (Version)	Description	In		
		Reserved	Use	Status
Cisco Cyber Vision Advantage	Cisco Cyber Vision Advantage Smart license. Inclusive of Cyber Vision Essentials Capabilities.	50	31	✔ Authorized

The Confirm Return Licenses window opens.

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



The Reservation Return Code is displayed.



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

⊗ The license is Expired
📈
👤

Smart Software Licensing

i 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

Smart Software Licensing Status

Software Subscription Licensing:	\$ Advantage VIEW / EDIT
Registration Status:	⚠ Unregistered (Thursday, December 17, 2020 3:27 PM)
License Authorization Status:	⚠
Transport Settings:	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

Procedure

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

Cisco Software Central > Smart Software Licensing InternalTestDemoAccount20.cisco.com

Smart Software Licensing Feedback Support Help

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: IOT Security Demos Major 6 | Minor 10 | Informational 5 | Hide Alerts

General | Licenses | **Product Instances** | Event Log

Authorize License-Enforced Features... Search by Name, Product Type

Name	Product Type	Last Contact	Alerts	Actions
center	CCV	2020-Dec-17 13:24:39		Actions
center	CCV	2020-Dec-17 13:22:21		Actions
center	CCV	2020-Dec-17 13:22:05		Actions
center	CCV	2020-Dec-17 13:20:35		Actions
center	CCV	2020-Dec-17 13:17:36		Actions
UDL_PID:CV-CNTR-ESX; UDL_SN:CENTERVM-INT17047;	CCV	2020-Dec-16 18:50:19 (Reserved Licens...		Actions
center	CCV	2020-Dec-11 06:59:57		Actions
center	CCV	2020-Dec-11 20:22:04		Actions
center	CCV	2020-Dec-11 17:06:05		Actions
center	CCV	2020-Dec-11 16:58:34		Actions

Showing Page 3 of 11 (101 Records)

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 Instance

To remove a Product Instance that has reserved licenses and make those licenses once again available to other Product Instances, enter in the Reservation Return Code generated by the Product Instance. If you cannot generate a Reservation Return Code, contact [Cisco Support](#)

Reservation Return Code:

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

