

Maintenance

- Upgrade procedures, on page 1
- Certificate renewal, on page 8

Upgrade procedures

Upgrade through the Cisco Cyber Vision sensor management extension

Before updating sensors, the Cisco Cyber Vision sensor management extension must be up-to-date.

It is possible to select which sensors to update. The update status will be visible in the Management jobs page.

Update the sensor management extension

The Cisco Cyber Vision sensor management extension must be up-to-date to update IOx sensors.

Procedure

Step 1	Retrieve the sensor management extension file (i.e. CiscoCyberVision-sensor-management- <version>.ext) on cisco.com.</version>
Step 2	In Cisco Cyber Vision, navigate to Admin > Extensions.
Step 3	Click Update to browse the new version of the extension file.

. Sensors			
 Sensor Explorer 	Extensions		
 Management jobs 	From this page, you can manage Cyber Visio		
 PCAP Upload 	Vision Center which provide more features, detection engines, or integrations with exter	•	ew device types, additional
	0,,,		
Q Active Discovery	V Update		
冬 Users	V Uploading Please do not quit or refresh the	page.	
⊲ Events	Installed extensions		
o ^{gr} API	~ Name	Version	Actions
	Cyber Vision sensor management	4.1.2	⊖ Update 📋 Remov
₩ License	-,		

Update the sensors

Procedure

Step 1 In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer.

Sensors that are not up-to-date have their version displayed in red.

Step 2 Click Install sensor, then Update Cisco devices.

ılı.ılı. cısco									
Ø	া System		Sens	or Ex	plor	er			
ß	Data Management	~	From this	2222		are and manage co	ncore and concore fol	ders. Sensors can be remo	
Ë,	🚴 Network Organizati	on				o the Center can re		ders. Sensors can bereine	Stely and securely re
¢	Sensors	^		stall sensor	រ៉េរ៉ м	lanage Cisco device	es 🗧 Organize		
۹	 Sensor Explorer 		Folde	rs and ser	្លប	pdate Cisco devic	es		
\$	 Management jobs 		_			lanage credentials			
	 PCAP Upload 		7 Filte	er 0 Se	lected	MOVE SELECTION	More Actions	\sim	
	🔅 Active Discovery	~		Label		IP Address	Version	Location	Health status 🕕 🔻
	冬 Users	~		Fold	ER1			Lyon	
				Fold	ER2			Paris	
	ନ୍ଧ API	~		📼 IC300	10	192.168.49.23	4.1.1+20220516	1124	Connected
	'⊋ License			📼 IE340	0	192.168.49.21	4.1.2+20220719	0948	Connected

The update Cisco devices window pops up listing all sensors that have been deployed with the sensor management extension.

I

			UPDATE CISCO DEVICES		×
	ere is a new ve			00) are concerned here. They appear stalled extension. Please select the	ci Ci
	Label 🔷	IP	Version	Target	
	IE3400	192.168.49.21	4.1.2+202207190948	Updatable to 4.1.3+202210041846	

Step 3 Select the sensors you want to update.

			UPDATE CISCO DEVICES		×
				3000) are concerned here. They appear installed extension. Please select the	
sensors	to update.		,		
sensors	to update. Label 🔦	IP	Version	Target	

Step 4 Click Update.

The sensors' update status appear in the Management jobs page in batches per sensor type and of maximum ten sensors per batch.

uluilu cisco					<u>⊢</u> ⊗ √
Ø	& Network Organization	Management jobs			
Ē	Sensors ^	Jobs execution for sensor manageme	nt tasks.		
¢	 Sensor Explorer 			< 1	$>$ 20/page \vee
	 Management jobs 	Jobs	Steps	Date	Duration
۹	— PCAP Upload				
¢	Q Active Discovery ~	Batch update (FCW2445P6X5)	\bigcirc	Oct 13, 2022 5:19:35 PM	In progress

Herebelow the management jobs indicate that the batch of sensors updated successfully.

uluulu cisco					<u>⊬</u> 8×
Ø	& Network Organization	Management jobs			
Ê	Sensors ^	Jobs execution for sensor managem	ent tasks.		
	 — Sensor Explorer 			< 1	20/page ∨
¢	— Management jobs	Jobs	Steps	Date	Duration
Q	— PCAP Upload	JODS	Steps	Date	Duration
¢	Q Active Discovery ×	Batch update (FCW2445P6X5)	\checkmark	Oct 13, 2022 5:19:35 PM	6m 45s

If the batch update fails, click the red update error icon to see logs.

Batch update (FO FOC2412V0DL, F FOC2330V0TJ, FO FOC2431V0A0, F	OC2431V08E, DC2334V00D,
Batch update (FJ	Error
Single deploymer (FCH2312Y03Z)	Fatal error: at least one device failed
(FCH25121052)	Logs
Batch update (FC	<pre>x FOC2413V0X3: failed: job with status FAILED has error: Error while</pre>
Single redeploym (FOC2334V045)	<pre>changing app state:Cannot start while in DEPLOYED state. Allowed operations are ['activate', 'upgrade', 'undeploy', 'download_data']</pre>
Single redeploym (FOC2334V00D	 F0C2401V07N: succeeded to update F0C2412V0DL: failed: job with status FAILED has error: Error while changing app state:Cannot start while
Single redeploym (FCW2435P3KV	<pre>in DEPLOYED state. Allowed operations are ['undeploy', 'upgrade', 'dowload_data', 'activate'] < FOC2431V08E: succeeded to update</pre>
Single redeploym (FOC2413V0X3)	 FOC2330V0TJ: succeeded to update x FOC2334V00D: failed: job with status FAILED has error: Error while changing app state: Cannot start while
Single redeploym (FOC2412V0DL)	<pre>in DEPLOYED state. Allowed operations are ['undeploy', 'upgrade', 'download_data', 'activate'] ✓ F0C2431V0A0: succeeded to update</pre>
Single redeployme	an

Upgrade through the IOx Local Manager

The following section explains how to upgrade the sensor through the IOx Local Manager.



In the case of Cisco Cyber Vision upgrade for an IR8340 from a release 4.1.2 or lower to a release 4.1.3, the update will fail due to the addition of the RSPAN option. The sensor application must be removed and deployed again.

In the example below, the sensor is upgraded from Cisco Cyber Vision version 3.2.2 to version 3.2.3.

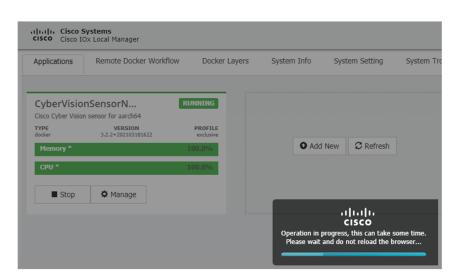
olio co								<u>⊮</u> ⊗ ·
🖸 🖽 System	Sensors							
Data management		ou can manage sensors in online and c					isors. Sensors can also be rei	motely and
Sensors	 securely reboote 	d, shut down, and erased. When a sen	sor connects for the first time	, you must autho	orize it so the Center can recei	ve its data.		
- Sensors	Name	IP	Version	Status	Processing status	Active Disco	very status Capture Mode	Uptime
 Capture 								4d 1h 3
A Users	✓ FOC2334V	DOH 192.168.69.20	3.2.2+202103181619	Connected	Pending data	Unavailable	All	2m 47s
Events	S/N: F0C23	14V00H 2334V00H						
o ^g API	 IP address: 	192.168.69.20						
₩ License		2.2+202103181619 :(UTC):Monday, May 31, 2021 9:	17 AM					
	Status: Con	nected					û 🕹	L.C.
糸 LDAP Settings		status: Pending data VEFY: Unavailable					Remove Get Provisioni	Capture Mode
⊖ Snort	Deploymen Uptime: 4d	t: Manual 1h 32m 47s						
∝ Integrations	Capture mo Start reco	de: All						
器 Extensions	Lill Go to sta							
	FCH2312Y0	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	3m 27s
			LUPDATE C	SCO DEVICES	+ DEPLOY CISCO DEVICE	+ INSTALL SENS		RT OFFLINE FILE

Figure 1: The sensor in version 3.2.2 in the Sensors administration page of Cisco Cyber Vision

- **1.** Access the IOx Local Manager.
- **2.** Stop the application.

Cisco	Cisco IE-340	00-8T2S				
Q Search Menu It	ems	Configuration * >	Services* > IOx			
📰 Dashboard		cisco Cisco I	Systems Ox Local Manager			
	>	Applications	Remote Docker Workflow	Docker Layers	System Info	Syster
	n >					
O Administratio	on >	Cisco Cyber Visio	on sensor for aarch64	RUNNING		
C Licensing		TYPE docker Memory *	VERSION 3.2.2+202103181622	PROFILE exclusive	• Add	New
💥 Troubleshoo	ting	CPU *		100.0%		
		Stop	🌣 Manage			

The operation takes a few moments.



The application status switches to STOPPED.

In Cisco Cyber Vision, the sensor status switches to Disconnected.

III System		Sensors							
Data management		From this page, you can manage securely rebooted, shut down, an						sors. Sensors can also be remo	tely and
Sensors	^								
- Sensors		Name	IP	Version	Status	Processing status	Active Discov	ery status Capture Mode 😡	Uptime
 Capture 		▼ FOC2334V00H	192.168.69.20	3.2.2+202103181619	Disconnected @SSH	Disconnected	Unavailable	All	N/A
A Users	ř	S/N: F0C2334V00H							
Events		Name: FOC2334V00H							
ø ⁹ API	•	Version: 3.2.2+20210318 System date (UTC): Monday		ρο ΔΜ					
₩ License		Status: Disconnected Processing status: Disconne						Remove Get Provisioni	Capture Mode
冬 LDAP Settings		Active discovery: Unavailable Deployment: Manual	ie -						
⊖ Snort		Capture mode: All							
≪ Integrations	~	▶ FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data		All	10m
BB Extensions		FCH2312104/	172.100.70.20	5.2.2+202105161755	Connected	r crong data	Grandhabie		20m
				1 UPDATE C	ISCO DEVICES	DEPLOY CISCO DEVICE	+ INSTALL SENSO		OFFLINE FILE

3. In the IOx Local Manager, click the **Deactivate** button.

The application status moves to DEPLOYED.

4. Click Upgrade.

CyberVisio Cisco Cyber Visio	DEPLOYED	
TYPE docker	PROFILE exclusive	
Memory *		100.0%
CPU *		100.0%
✓ Activate	Upgrade	💼 Delete

The pop up Upgrade application appears.

Upgrade application		×
Application Id:	CyberVision	SensorNetwork
Select Application Archive	Choose File	No file chosen
Preserve Application Data	✓	
		OK Cancel

- 5. Select the **Preserve Application Data** option.
- 6. Select the new version of the application archive file.

e.g. CiscoCyberVision-IOx-aarch64-3.2.3.tar

Upgrade application		×
Application Id:	CyberVision	SensorNetwork
Select Application Archive	Choose File	CiscoCyberh64-3.2.3.tar
Preserve Application Data	✓	
		OK Cancel

The operation takes a few moments.

Applications	Remote Docker Workflo	ow Docker Layers	System Info S	ystem Setting	Syste
	nSensorN	DEPLOYED			
TYPE docker	VERSION 3.2.2+202103181622	PROFILE exclusive			
Memory *		100.0%	• Add New	C Refresh	
CPU *		100.0%			
✓ Activate	🔷 Upgrade 🛅 [Delete			
				 cisco	

A message indicating that the sensor has been successfully upgraded is displayed.



- 7. Check the number of the new version.
- 8. Click Activate.

CyberVision Cisco Cyber Vision s	DEPLOYED	
TYPE docker	VERSION 3.2.3+202104292126	PROFILE exclusive
Memory *	100.0%	
CPU *		100.0%
✓ Activate	🏞 Upgrade	🛅 Delete

9. Check configurations.

10. Click the Activate App button.

The application status moves to ACTIVATED.

11. Click the **Start** button.

The application status changes to RUNNING.

In Cisco Cyber Vision, the sensor is upgraded from version 3.2.2 to 3.2.3 and its status moves to Connected.

Data manageme	nt	From this page, you can manage s securely rebooted, shut down, an						isors. Sensors can also be	remotely and
Sensors	^	secondry reboted, shat down, an	a crasea. when a sen.	ion connects for the mat this	e, you must buth	Shize it so the center carried	ve its data.		
- Sensors		Name	IP	Version	Status	Processing status	Active Disco	very status Capture Moo	le [♥] Uptime
 Capture 									4d 1h 4
冬 Users	~	▼ FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending data	Unavailable	All	9m
✓ Events		S/N: F0C2334V00H Name: F0C2334V00H							
& API	~	IP address: 192.168.69.20 Version: 3.2.3+202104292							
₩ License		System date (UTC): Monday Status: Connected	, May 31, 2021 9:	33 AM					
冬 LDAP Settings		Processing status: Pending di Active discovery: Unavailable						Remove Get Provisio	ni Capture Mode
⊙ Snort		Deployment: Manual Uptime: 4d 1h 49m							
∝ Integrations	~	Capture mode: All Start recording sensor							
88 Extensions		Go to statistics							
		▶ FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	19m 34 s
		▶ ECH2312V047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	

Certificate renewal

The certificates generated by Cisco Cyber Vision have a validity of two years.

Sensor certificates must be renewed manually. The procedure used differs whether the certificate is already expired or not and whether the sensor has been deployed using the sensor management extension.

• If the certificate is still valid, refer to Sensor certificate renewal, on page 9.

- If the sensor was deployed with the sensor management extension, refer to Sensor certificate renewal, on page 9.
- If the certificate is outdated, and was deployed manually, refer to Sensor certificate renewal through the Local Manager, on page 12.

Sensor certificate renewal

The following procedure applies to:

• Sensors deployed with the sensor management extension, whether the certificate expiration date is exceeded or not (i.e. the deployment method is indicated in the sensor's right side panel).

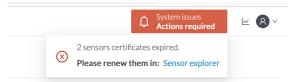
	Q System issues Actions required ∠ Q
Sensor Explorer	FOC2330V0T0 ×
From this page, you can explore and manage sensors and sensors folders. Sen erased. When a sensor connects for the first time, you must authorize it so th	Label: FOC2330V0T0 Serial Number: FOC2330V0T0 IP address: 192.168.49.41
△ 2 sensor certificates expired	Version: 4.2.2+202306261519 System date: Jul 6, 2023 11:26:00 AM
🕂 Install sensor ျိုိ Manage Cisco devices 🗧 Organize	Deployment: Sensor Management Extension Active Discovery: Unavailable Capture mode: All
Folders and sensors (3)	System Health Status: Connected
√ Filter 0 Selected Move selection to More Actions ✓	Processing status: Normally processing Uptime: 18 hours
Label IP Address Version	🗠 Go to statistics
□ □ FCH2309Y01Z 192.168.49.23 4.2.2+202306261711	Start Recording
□ □ FCW2445P6X5 192.168.49.21 4.2.2+202306261519	🗁 Move to
□ = FOC2330V0T0 192.168.49.41 4.2.2+202306261519	Capture mode
	⊖ Uninstall

• In the case of sensors deployed manually, it only applies if the sensors certificate have not expired yet (i.e. the sensor certificate status is Expire Soon).

If sensors have been deployed manually and the certificate expiration date is exceeded, refer to Sensor certificate renewal through the Local Manager, on page 12.

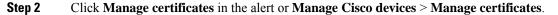
Procedure

Step 1 In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer or click the top banner alert to access the Sensor Explorer page directly.



Another alert is displayed.

 cisco		Q System issues Actions required ⊮ ⊗ ∨
Ø	In System	Sensor Explorer
£.	🗐 Data Management 🗠	From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebooted,
Ë	& Network Organization	shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.
C	. Sensors ~	△ 2 sensor certificates expired and 1 will expire soon Manage certificates ×
۹	Q Active Discovery ~	🕂 Install sensor ျိုပို Manage Cisco devices 🛛 🗧 Organize
¢	冬 Users ~	Folders and sensors (3)
	Sector Events	\bigtriangledown Filter 0 Selected Move selection to More Actions \checkmark As of: Jul 6, 2023 11:25 AM \gtrsim
	S API ~	Label IP Address Version Location Health status * Processing status
	₽ License	□ □ FCH2309Y01Z 192.168.49.23 4.2.2+202306261711 Connected Normally pro
	糸 External Authentic ゞ	□ □ FCW2445P6X5 192.168.49.21 4.2.2+202306261519 Connected Normally pro
	⊙ Snort	□ I FOC2330V0T0 192.168.49.41 4.2.2+202306261519 Connected Normally pro





Sensor Explorer

From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

▲ 2 sensor certificat	Manage	certificates X			
+ Install sensor	႞႞႞ Manage Cisco devices	🗟 Organize			
Folders and sen	C Update Cisco devices				
	Manage credentials				
√ Filter 0 Sel	Ø Manage certificates	More Actions ∨	,	As of: Jul 6, 2023 11:2	6 AM 🔁
Label	IP Address	Version	Location	Health status 🔻	Processing status

The Manage sensors certificates window opens.

		MANAG	E SENSORS CERTIFICATES	Actions	X
	nsor to renew its cer cannot be selected, it	tificate. means that its certificate cannot be ren	ewed automatically.		
𝒴 Filter					
Certificate	status is Expired $ imes$	Certificate status is Expiring Soon \times			
	Sensor Label	IP	Certificate Status 🗢	Expiration Date	
0	FCH2309Y012	Z 192.168.49.23	Expired	Jul 2, 2023	
0	FOC2330V0T	0 192.168.49.41	Expired	Jul 2, 2023	
0	FCW2445P6X	5 192.168.49.21	Expiring Soon	Jul 14, 2023	
				Cancel Renew cert	ificate

Step 3 Select the sensor with the status Expiring Soon.

Step 4 Click Renew certificate.

	cessfully renewed.			×
er status is Expired ×	Certificate status is Expiring Soon \times			
Sensor Label	IP	Certificate Status 🔶	Expiration Date	
FOC2330V0T0	192.168.49.41	Expired	Jul 2, 2023	
FCH2309Y01Z	192.168.49.23	Expired	Jul 2, 2023	
FCW2445P6X5	192.168.49.21	Valid	Sep 3, 2025	
	Sensor Label FOC2330V0T0 FCH2309Y01Z	Certificate status is Expiring Soon × Sensor Label IP FOC2330V0T0 192.168.49.41 FCH2309Y01Z 192.168.49.23	e status is Expired × Certificate status is Expiring Soon × Sensor Label IP Certificate Status ▲ FOC2330V0T0 192.168.49.41 Expired FCH2309Y01Z 192.168.49.23 Expired	e status is Expired × Certificate status is Expiring Soon × Sensor Label IP Certificate Status ^ Expiration Date FOC2330V0T0 192.168.49.41 Expired Jul 2,2023 FCH2309Y01Z 192.168.49.23 Expired Jul 2,2023

The certificate is renewed and automatically sent to the sensor. Its status switches to Valid and the new expiration date appears.

Sensor certificate renewal through the Local Manager

In case of certificate expiration, communication with the sensor is no longer possible if it was deployed manually (i.e. without the sensor management extension). In this case, the certificate is renewed by sending it to the sensor manually. As the certificate is part of the provisioning package, the action consists in generating the provisioning package and sending it to the sensor application through the Local Manager.

	↓ System issues ▲ Action required ∠
Sensor Explorer	FCH2309Y01Z
rom this page, you can explore and manage sensors and sensors folders. Sensor rased. When a sensor connects for the first time, you must authorize it so the C	Label: FCH2309Y01Z Serial Number: FCH2309Y01Z IP address: 19216849.23
▲ 1 sensor certificate expired	Version: 4.2.2+202306261711 System date: Jul 6, 2023 11:28:44 AM
HINSTALL SENSOR I Manage Cisco devices 🗧 Organize	Deployment: Manual Active Discovery: Disabled Capture mode: All
Folders and sensors (3)	System Health Status: Connected
Filter 0 Selected Move selection to More Actions Y	Processing status: Normally processing Uptime: 18 hours
Label IP Address - Version Lo	🗠 Go to statistics
□ □ FCH2309Y01Z 192.168.49.23 4.2.2+202306261711	Start Recording
□ □ FCW2445P6X5 192.168.49.21 4.2.2+202306261519	Description Move to
□ □ FOC2330V0T0 192.168.49.41 4.2.2+202306261519	👱 Download package 🕺 Capture mode
	◯ Enable IDS
	() Shutdown 🕞 Uninstall

Procedure

- **Step 1** In Cisco Cyber Vision, navigate to Admin > Sensors > Sensor Explorer.
- Step 2 Click Manage Certificates.

The Manage sensors certificates window appears.

			IJUI LADIUICI			
С			MANAG	GE SENSORS CERTIFICATES		×
N Se	If a sensor of Filter	•	means that its certificate cannot be re	newed automatically.		ari
ŀ	Certificate	status is Expired ×	Certificate status is Expiring Soon \times			
		Sensor Label	IP	Certificate Status 📤	Expiration Date	
Ē	0	FCH2309Y01	Z 192.168.49.23	Expired	Jul 2, 2023	A

Step 3 Select the sensor and click **Renew Certificate**.

5)		MANA	GE SENSORS CERTIFICATES		×
C V	Select a sensor to renew its cer If a sensor cannot be selected, if Filter	rtificate. t means that its certificate cannot be re	enewed automatically.		Ŀ
S€	Certificate status is Expired \times	Certificate status is Expiring Soon \times			3
	Sensor Label	IP	Certificate Status 🔷	Expiration Date	
۲ ر	• FCH2309Y01	Z 192.168.49.23	Expired	Jul 2, 2023	
Ξ١					,
٩					
_i					e
Ð					e
16					e
٦i					
n				Cancel Renew	v certificate

A message is displayed.

A manual action will be required after the certificate renewal.
This sensor is not managed by Sensor Management Extension and its certificate has already expired.
Please download a provisionning package in the Sensor Explorer and push it on the sensor.
Cancel Renew certificate

Step 4 Click **Renew certificate** again.

The sensor certificate status appears as valid.

5)	MANAGE SENSORS CERTIFICATES								
D	Select a sensor to renew its certificate. If a sensor cannot be selected, it means that its certificate cannot be renewed automatically. V Filter								
S€	Certificate status is Expired × Certificate status is Expiring Soc		Certificate status is Expiring Soon \times						
50	Se	ensor Label	IP	Certificate Status 🔦	Expiration Date				
4	O FO	CW2445P6X5	192.168.49.21	Valid	Sep 3, 2025		l		
E	<u></u> Б	OC2330V0T0	192.168.49.41	Valid	Sep 3, 2025		A		
	O FO	CH2309Y01Z	192.168.49.23	Valid	Sep 3, 2025				

Step 5

Close the Manage sensors certificates window.

The sensor's health and processing status appear as Disconnected.

Sensor Explorer

From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

HINSTAll sensor 🏦 Manage Cisco devices 🗧 Organize									
Folde	Folders and sensors (3)								
∑ Filt	er 0 Selected	Move selection to	More Actions \checkmark		As of	: Jul 6, 2023 11:41 AM	Q		
	Label	IP Address	Version	Location	Health status 🔻 🛛 F	Processing status	Active Di		
	□ FCH2309Y01Z	192.168.49.23	4.2.2+202306261711		Disconnected	Disconnected	Disa		
	➡ FCW2445P6X5	192.168.49.21	4.2.2+202306261519		Connected	Normally processing	Unav		
	E FOC2330V0T0	192.168.49.41	4.2.2+202306261519		Connected	Normally processing	Unav		

Step 6 Click the sensor in the list.

Its right side panel opens.

Step 7 Click the **Download package** button.

rom this page, you can explore and manage sensors and sensors folders. Sensor rased. When a sensor connects for the first time, you must authorize it so the C	ensc	or Explore	er		FCH2309Y01Z
		•	•		e C Serial Number: FCH2309Y01Z
Folders and sensors (3) Capture mode: All Filter 0 Selected Move selection to More Actions >> Label IP Address Version Loo Processing status: Disconnected Processing status: Disconnected Processing status: Disconnected Uptime: N/A Processing status: Disconnected Image: N/A Process	+ Inst	all sensor 🎇 Ma	anage Cisco devices	🗟 Organize	Version: 4.2.2+202306261711 System date: Jul 6, 2023 11:36:49 AM
V Filter 0 Selected Move selection to More Actions V Status: Disconnected Processing status: <	Folders	s and sensors (3	3)		
□ Label IP Address Version Lo Uptime: N/A □ = FCH2309Y01Z 192.168.49.23 4.2.2+202306261711 □ Go to statistics □ = FCW2445P6X5 192.168.49.21 4.2.2+202306261519 □ □ Move to □ = FOC2330V0T0 192.168.49.41 4.2.2+202306261519 □ ⊥ Download package □ Enable IDS	Filter	0 Selected	Move selection to	More Actions \vee	
□ □ FCH2309Y01Z 192.168.49.23 4.2.2+202306261711 □ □ FCW2445P6X5 192.168.49.21 4.2.2+202306261519 □ □ FOC2330V0T0 192.168.49.41 4.2.2+202306261519	<u> </u>	Label	IP Address	Version	
□ □ FCW2445P6X5 192.168.49.21 4.2.2+202306261519 □ □ FOC2330V0T0 192.168.49.41 4.2.2+202306261519	E	□ FCH2309Y01Z	192.168.49.23	4.2.2+202306261711	└── Go to statistics
	E	□ FCW2445P6X5	192.168.49.21	4.2.2+202306261519	🗁 Move to
Ci Rehoot		➡ FOC2330V0T0	192.168.49.41	4.2.2+202306261519	
					C Reboot

Step 8

 Step 9
 Import the provisioning package in the Local Manager. To do so, refer to Import the provisioning package

Step 10 The sensor's health status switches to Connected and its processing status to Normally processing.

<u>⊬</u> 8 ∨

Sensor Explorer

From this page, you can explore and manage sensors and sensors folders. Sensors can be remotely and securely rebooted, shut down, and erased. When a sensor connects for the first time, you must authorize it so the Center can receive its data.

	nstall sensor ျိွိ M	anage Cisco devices	E Organize					
Folders and sensors (3)								
∑ Filt	or 0 Selected	Move selection to	More Actions \vee		As	of: Jul 6, 2023 11:56 AM	R	
	Label	IP Address V	Version	Location	Health status 🔻	Processing status	Active Di	
	□ FCH2309Y01Z	192.168.49.23	4.2.2+202306261711		Connected	Normally processing	Disal	
	➡ FCW2445P6X5	192.168.49.21	4.2.2+202306261519		Connected	Normally processing	Unav	
	E FOC2330V0T0	192.168.49.41	4.2.2+202306261519		Connected	Normally processing	Unav	