

Upgrade procedures

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Upgrade through the Cisco Cyber Vision sensor management extension

To update IOx sensors, you just need to update the Cisco Cyber Vision sensor management extension.

To do so, navigate to the Extensions administration page and click the **Update this extension** button to browse the new version of the extension file.

cisco				~	8 ~
Ø	团 System	Extensions			
£	🗄 Data management	From this page, you can manage Cyber Vision Extensions. Extensions are	e optional add-ons to	Cyber Vision Center	r
Ħ	🗋 Sensors 🗸 🗸	which provide more features, such as the management of new device typ integrations with external services.	pes, additional detect	ion engines, or	
C	泉 Users 🗸 🗸	Update			
۹	⊲ Events	UpdatingCyber Vision sensor management			
٢	⊿g API	Installed extensions			
	₩ License	Name	Version Update	e this extension	
	条 LDAP	Cyber Vision sensor management	1.0.0	Ē	
	PxGrid	Install a new extension			
	© SNORT	L Import extension file			
	≪ Integrations ∽				
	Extensions				

Cisco Cyber Vision will attempt to update all IOx sensors. This will take a moment. Update advancements are visible in the Management jobs. A job will be created for each sensor.

If a sensor update fails, check the management jobs error messages to have more information, and use the **Update Cisco Devices** button.

Upgrade through the IOx Local Manager

The following section explains how to upgrade the sensor through the IOx Local Manager. In the example below, the sensor is upgraded from Cisco Cyber Vision version 3.2.2 to version 3.2.3. *Figure 1: The sensor in version 3.2.2 in the Sensors administration page of Cisco Cyber Vision*

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0	III System	Sensors							
ß	Data management	From this page, you can manage securely rebooted, shut down,	e sensors in online and o and erased. When a sen	offline modes and generate p sor connects for the first tim	ovisioning packa	ages to deploy Cisco Cyber Vi prize it so the Center can rece	ion on remote senso ve its data.	rs. Sensors can also be remo	tely and
	Sensors	^			.,				
¢	 Sensors 	Name	IP	Version	Status	Processing status	Active Discove	ry status Capture Mode ^O	Uptime
۹	- Capture	▼ FOC2334V00H	192.168.69.20	3.2.2+202103181619	Connected	Pending data	Unavailable	All	4d 1h 3
۲	A Users	ř							2m47s
	< Events	S/N: F0C2334V00H Name: FOC2334V00H	,						
	₫ API	 IP address: 192.168.69. Version: 3.2.2+2021031 	.20 81619						
	₩ License	System date (UTC): Monda Status: Connected	ay, May 31, 2021 9:	17 AM					
	条 LDAP Settings	Processing status: Pendin Active discovery: Unavails	ig data able					Remove Get Provisioni	Capture Mode
	⊖ Snort	Deployment: Manual Uptime: 4d 1h 32m 47s							
	of Integrations	Capture mode: All Start recording sensor							
	BB Extensions	Line Go to statistics							
		• FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	3m 27s
				LUPDATE C	SCO DEVICES	+ DEPLOY CISCO DEVICE	+ INSTALL SENSO		OFFLINE FILE

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



The operation takes a few moments.

CyberVisionSensorN RUNNING Cisco Cyber Vision sensor for aarch64 TYPE TYPE VERSION docker PROFILE exclusive Memory * 100.0% CPU * 100.0%					
Cisco Cyber Vision sensor for arch64 TYPE VERSION PROFILE docker 3.2.2+202103181622 exclusive Memory* 100.0% CPU * 100.0%			RUNNING	nSensorN	CyberVisio
docker 3.2.2+202103181622 exclusive Memory * 100.0% CPU * CPU *			PROFILE	n sensor for aarch64 VERSION	Cisco Cyber Vision
Memory * 100.0% O Add New C Refresh CPU * 100.0% 100.0			exclusive	3.2.2+202103181622	docker
CPU* 100.0%	${\cal C}$ Refresh	Add New	100.0%		Memory *
			100.0%		CPU *
Stop 🌣 Manage				🌣 Manage	Stop
սիսիս					
Stop & Manage	իսիս			🌣 Manage	Stop

The application status switches to STOPPED.

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

I System	Sensors							
Data management	From this page, you can manage securely rebooted, shut down, a	sensors in online and off nd erased. When a senso	line modes and generate p r connects for the first tim	rovisioning packa e. you must autho	ages to deploy Cisco Cyber Vi prize it so the Center can rece	sion on remote sen ive its data.	sors. Sensors can also be rem	otely and
Sensors ^								
 Sensors 	Name	IP	Version	Status	Processing status	Active Discov	very status Capture Mode 🛛	Uptime
 Capture 	▼ FOC2334V00H	192.168.69.20	3.2.2+202103181619	Disconnected @	SSH Disconnected	Unavailable	All	N/A
糸 Users 🗸	S/N: F0C2334V00H							
< Events	Name: FOC2334V00H	•						
o [∉] API ✓	Version: 3.2.2+20210318	1619						
₩ License	Status: Disconnected Processing status: Disconn	y, May 31, 2021 9:20 ected	9 API				Remove Get Provisioni	Capture Mode
条 LDAP Settings	Active discovery: Unavailat	ble						
⊖ Snort	Capture mode: All							
Integrations 👻	► ECH2212V047	192 168 70 20	3 2 2+202103181753	Connected	Pending data	Unavailable	All	10m
B Extensions	FCH23121047	172.100.70.20	0.2.2.7.202.1001017.50					1011
			LUPDATE C	ISCO DEVICES	+ DEPLOY CISCO DEVICE	+ INSTALL SENS		T OFFLINE FILE

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

The application status moves to DEPLOYED.

4. Click Upgrade.



The pop up Upgrade application appears.

Upgrade application		×
 Application Id: 	CyberVisionSensorNetwork	
Select Application Archiv	Choose File No file chosen	
Preserve Application Dat		
	OK Cance	

- 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.

	Nonitice Docker V	VOLKHOW	Docker Layers	System Info	System Setting	System Tro
CyberVisions Cisco Cyber Vision s	SensorN ensor for aarch64	DEPL	OYED			
TYPE docker	VERSION 3.2.2+202103181622		exclusive			
Memory *		10	0.0%	• Add	New C Refresh	
CPU *		10	0.0%			
✓ Activate	Upgrade	🗂 Delete		_		_
				Operation in p	CISCO rogress, this can take s	ome time.

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	DEPLOYED	
TYPE docker	26 PROFILE 26 exclusive	
Memory *	100.0%	
CPU *		100.0%
✓ Activate	🗢 Upgrade	🛅 Delete

9. Check configurations.

It can happen that network configurations are lost during the upgrade. If they are, refer to Configure the sensor virtual application (IE3x00 or Catalyst 9300) and do as explained.

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.

🖽 System		Sensors							
Data management	1	From this page, you can manage se securely rebooted, shut down, and	ensors in online and offlir l erased. When a sensor (ne modes and generate pr connects for the first time	rovisioning packa e, you must autho	ges to deploy Cisco Cyber Vis rize it so the Center can receiv	ion on remote sensi ve its data.	ors. Sensors can also	be remotely and
Sensors ^									
 Sensors 		Name	IP	Version	Status	Processing status	Active Discove	ry status Capture M	lode [€] Uptime
 Capture 									4d 1b 4
冬 Users 🗸		▼ FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending data	Unavailable	All	9m
⊲ Events		S/N: F0C2334V00H Name: F0C2334V00H							
ø API ∽		IP address: 192.168.69.20 Version: 3.2.3+2021042920	32						
₩ License		System date (UTC): Monday,	May 31, 2021 9:33	АМ				-	
糸 LDAP Settings		Processing status: Pending da Active discovery: Unavailable	ta					Remove Get Pro	risioni Capture Mode
⊖ Snort		Deployment: Manual Uptime: 4d 1h 49m							
∝ ntegrations ✓		Capture mode: All Start recording sensor							
BB Extensions		🔟 Go to statistics							
		FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending data	Unavailable	All	19m 34 s
				LUPDATE CI	ISCO DEVICES	+ DEPLOY CISCO DEVICE	+INSTALL SENSO	R MANUALLY	IMPORT OFFLINE FILE

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