

Upgrade procedures

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Upgrade through the Local Manager

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

In the Cisco Cyber Vision sensor administration page, the sensor is in 3.2.2. In the example below, we will upgrade the sensor to Cisco Cyber Vision version 3.2.3.

I System	Sensors									
Data management	From this page, you can manag securely rebooted, shut down,	e sensors in online and o and erased. When a sens	fline modes and generate p or connects for the first tim	rovisioning packa e. vou must autho	ages to deploy Cis prize it so the Cen	co Cyber Visi Iter can receiv	ion on remote sen ve its data.	sors. Sensors can	also be remo	otely and
Sensors ^										
- Sensors	Name	IP	Version	Status	Process	sing status	Active Disco	very status Captu	ure Mode 🤨	Uptime
 Capture 										4d 1h 5
A Users V	► FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending d	lata	Unavailable	All		40 11 5 7m 2s
	▼ FCH2312Y047	192.168.70.20	3.2.2+202103181753	Connected	Pending	data	Unavailable	All		27m 37 s
ه API ۲	C () 50103401047									
₩ License	S/N: FCH2312Y047 Name: FCH2312Y047 IP address: 192.168.70.	20								
冬 LDAP Settings	Version: 3.2.2+2021031 System date (UTC): Frid	81753 ay, April 30, 2021 9	0:42 AM							
⊘ Snort	Status: Connected Processing status: Pendin	g data		Ū	_	*		Seable 100	Ċ	2
📽 Integrations 🗸 🗸	Active discovery: Unavaila	able		Remove	Erase	Get Provisioni	Capture Mode	Enable IDS	Shutdown	Reboot
B Extensions	Uptime: 27m 37s Capture mode: All ● Start recording sensor									
			1 UPDATE C	ISCO DEVICES	+ DEPLOY CISC	O DEVICE	+ INSTALL SENS	OR MANUALLY		OFFLINE FILE

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



The operation takes a few moments.

The application status switches to STOPPED.

Applications	Remote Docker Workflow	Docker Layers	S
CyberVision	Sensor	STOPP	ED
TYPE vm	VERSION 3.2.2+202103181753	PRO	FILE
Memory *		100.0	%

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

Name	IP	Version	Status	Proces	ssing status	Active Disco	very status Cap	oture Mode 🤨	Uptime
► FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending	data	Unavailable	All		4d 1h 5 8m 12s
▼ FCH2312Y047	192.168.70.20	3.2.2+202103181753	Disconnected Ø	SSH Disconn	nected	Unavailable	All		N/A
S/N: FCH2312Y047 Name: FCH2312Y047 IP address: 192.168.70 Version: 3.2.2420210 System date (UTC): Fri Status: Disconcetted Processing status: Disconcetted Active discovery: Unavo Deployment: Manual Capture mode: All Lad Go to statistics	0.20 3181753 day, April 30, 2021 1 onnected	9:42 AM	Remove	Ersse	Get Provisioni	Capture Mode	Enable IDS	U Shutdown	2 Reboot
		LUPDATE C	SISCO DEVICES	+ DEPLOY CIS	CODEVICE	+ INSTALL SENS	OR MANUALLY		OFFLINE FILE

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

Applications	Remote Docker Workflow	Docker Layers	S
CvberVisior	Sensor	STOP	PED
Cyber Vision Senso	or Image for IC3000		
Cyber Vision Senso TYPE vm	or Image for IC3000 VERSION 3.2.2+202103181753	PRO	DFILE
Cyber Vision Senso TYPE vm Memory *	or Image for IC3000 VERSION 3.2.2+202103181753	PRC exc 100.0	DFILE clusive

The application status moves to "DEPLOYED".

4. Click Upgrade.

Applications	Remote Docker Workflow	Docker Layers	S
CyberVision Sens	nSensor	DEPLOY	/ED
TYPE vm	VERSION 3.2.2+202103181753	PRO	DFILE
		100 (107
Memory *			1-70

The pop up Upgrade application appears.

Upgrade application		_	25
Application 10:	CyberVision	Sensor	
Select Application Archive	Choose File	No file chosen	
Preserve Application Data	✓		
		ОКС	ancel

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

e.g. Cisco-Cyber-Vision-IOx-IC3K-3.2.3.tar

Application Id:	CyberVision	Sensor
Select Application Archive	Choose File	CiscoCyberC3K-3.2.3.ta
Preserve Application Data	✓	
		OK Cancel

The operation takes a few moments.

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

pplications	Remote Docker Workflow	Docker Layers	System Info	Syst			0
yberVisionS	ensor Image for IC3000	DEPLOYE					
YPE n	VERSION 3.2.3+202104291826	PROFI	LE				
Memory *		100.0%			O Add New	$\mathcal C$ Refresh	
CPU *		100.0%	,				

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

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

10. Click the Activate App button.

The application status moves to ACTIVATED.

11. Click the Start button.

Applications	Remote Docker Workflow	Docker Layers	Sys
CyberVisio	nSensor	ACTIVAT	ED
TYPE vm	VERSION 3.2.3+202104291826	PRO	FILE
		100.0	0/0
Memory *			

The application status changes to RUNNING.

Applications	Remote Docker Workflow	Docker Layers S
CyberVisio Cyber Vision Sens	nSensor sor Image for IC3000	RUNNING
TYPE vm	VERSION 3.2.3+202104291826	PROFILE exclusive
Memory *		100.0%

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

L

Name	IP	Version	Status	Proces	sing status	Active Disco	very status Cap	oture Mode [©]	Uptime
▶ FOC2334V00H	192.168.69.20	3.2.3+202104292032	Connected	Pending	data	Unavailable	All		4d 2h 1 7m 23s
▼ FCH2312Y047	192.168.70.20	3.2.3+202104291826	Connected	Pending	data	Unavailable	All		1m 22s
S/N: FCH2312Y047 Name: FCH2312Y047 IP address: 192.168.70 Version: 3.2.3+202104; System date (UTC): Frid Status: Connected Processing status: Pendin Active discovery: Unavail	/ 20 291826 Jay, April 30, 2021 : ngdata Jable	10:02 AM	Remove	Erase	Get Provisioni	Capture Mode	Enable IDS	ل Shutdown	C Reboot
Deployment: Manual Uptime: 1m 22s Capture mode: All • Start recording sensor Im Go to statistics									

Upgrade with the combined update file



Version releases usually include updates for both the Cisco IC3000 sensors and the Center (i.e. combined updates). If operating conditions make it possible, you can update the Center and all its Cisco IC3000 online sensors at once from the user interface. You can proceed to a combined update without opening a shell prompt and using SSH.



Note

Combined updates are applied to the Center and all its Cisco IC3000 online sensors. Make sure (by accessing the sensor administration page) that all your Cisco IC3000 sensors are connected and SSH is authorized between the Center and the sensors before proceeding to a combined update.



Important Rolling back to an older Cisco Cyber Vision version is not possible.

Requirements:

• A combined update, available on cisco.com.

To verify that the file you just downloaded is healthy, it is recommended to use the SHA512 checksum provided by Cisco.

To do so (Windows users):

Procedure

- **Step 1** Access Cisco Cyber Vision download page.
- **Step 2** Download the file.
- Step 3Open a shell prompt such as Windows Powershell and use the following command to retrieve the file checksum:
Get-FileHash .\CiscoCyberVision-<TYPE>-<VERSION>.<EXT> -Algorithm SHA512 | Format-List



Step 4 In the download page, mouse over the file and copy the SHA512 checksum.

Software Download

ownloads Home / Security / Network Visit	hility a			
, , , , , , , , , , , , , , , , , , ,		Details		\times
Q. Search		Description :	VMware OVA (Center) - CiscoCyberVision-Center- 3.2.3.ova	
		Release :	3.2.3	
Expand All Collapse All		Release Date :	30-Apr-2021	
		FileName :	CiscoCyberVision-center-3.2.3.ova	
Latest Release	\sim	Size :	382.92 MB (401520640 bytes)	
		MD5 Checksum :	ad553391b4f43128ef922e1a98e7e58c 📋	
3.2.3		SHA512 Checksum :	1338bfb1a17110af80d751ae7b450f2b 📋	
All Release	~	Release Notes for 3.	2.3 Advisories 📑	
3	>	VMware OVA (C CiscoCyberVision Advisories	enter) - CiscoCyberVision-Center-3.2.3. -center-3.2.3.ova	ova

Step 5 Compare both checksums.

- If both checksums are identical it means the file is healthy.
- If the checksums do not match try to download the file again.
- If, after downloading the file again the checksums still don't match, please contact Cisco support.

To update the Center and all its Cisco IC3000 online sensors:

Step 6	Access the Cisco Cyber Vision's user interface.
Step 7	Access System administration > System and use the System update button.
Step 8	Select the update file CiscoCyberVision-update-combined- <version>.dat</version>
Step 9	Confirm the update.
	As the Center and sensors updates proceed, you are redirected to a holding page. Once the update is finished the Center and the sensors need to reboot and you will be logged out from the user interface.
Step 10	Log in again to the user interface.

Step 11 If some sensors were offline when the update occurred, the same procedure can be used as many times as necessary to update all sensors.

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