



Certificate renewal

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

Certificates renewal should be automatic. However, manual procedures to renew the Global Center certificate and Centers with sync exist in case automatic ones are not possible.

- [Renew the certificate of a Center, on page 1](#)

Renew the certificate of a Center

This procedure applies to Centers, Global Centers and Centers with sync. Extra steps are required to update fingerprints in the case of an architecture with a Global Center.

Procedure

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

Step 2 Slide down to Center fingerprint.

The screenshot shows the Cisco Cyber Vision Admin > System page. The left sidebar contains the navigation menu with 'System' selected. The main content area displays system information, including 'Current database version: 20230626' and 'Last import: Monday, July 3, 2023 5:20 PM'. Below this is a 'Center fingerprint' section with a message: 'The certificate has expired.' and a 'Renew certificate' button. The fingerprint is 'eaca93be83f8b7366075caf8aa10cdd665ed8ecc09843046d36484c4ce6583fd' and it expires on 'Jul 2, 2023'. There is also an 'Enroll to a Global Center' section with an 'Enroll' button.

A message indicates that the certificate has expired.

- Step 3** Click **Renew certificate**.
A warning page will be displayed at next login.
- Step 4** Click **Advanced**, then **Accept the Risk and Continue**.

What to do next

In the case you're performing a certificate renewal within a Global Center architecture, you must follow the procedures below to update fingerprints according to the Center type.

Update the Global Center fingerprint

Before you begin

You need access to the Global Center and to all its Centers with sync.

Procedure

- Step 1** Access the **Global Center**.
This warning page indicates that the certificate has been renewed.



Warning: Potential Security Risk Ahead

Firefox detected a potential security threat and did not continue to **10.2.2.206**. If you visit this site, attackers could try to steal information like your passwords, emails, or credit card details.

What can you do about it?

The issue is most likely with the website, and there is nothing you can do to resolve it.

If you are on a corporate network or using antivirus software, you can reach out to the support teams for assistance. You can also notify the website's administrator about the problem.

[Learn more...](#)

[Go Back \(Recommended\)](#)

[Advanced...](#)

Someone could be trying to impersonate the site and you should not continue.

Websites prove their identity via certificates. Firefox does not trust 10.2.2.206 because its certificate issuer is unknown, the certificate is self-signed, or the server is not sending the correct intermediate certificates.

Error code: [SEC_ERROR_UNKNOWN_ISSUER](#)

[View Certificate](#)

[Go Back \(Recommended\)](#)
[Accept the Risk and Continue](#)

- Step 2** Click **Advanced**, then **Accept the Risk and Continue**.
- Step 3** Login to the Global Center.
- Step 4** Navigate to the System management page.

The screenshot shows the Cisco System management interface. A table lists the following center:

Center Name	IP	Version	Enrollment status	Up time
Center 10.2.2.106	10.2.2.206	SBS: 5.0.0+202307120954 KDB: 20230712	Outdated global center fingerprint	4 days 17 secs

In the Center list, you can see the Center with sync which must be updated with the Global Center's fingerprint.

Step 5 Copy the Global Center fingerprint.

System management

The screenshot shows the same interface as before, but with a tooltip over the 'Outdated global center fingerprint' status. The tooltip text reads: "Up time: The center needs to be informed of the new fingerprint of the Global Center. 17 hrs 37 mins 39. Please go to the System Page of this center and provide the above fingerprint." The 'Up time' column shows "4 days 17 secs" and the 'Connectivity Status' column shows "Disconnected".

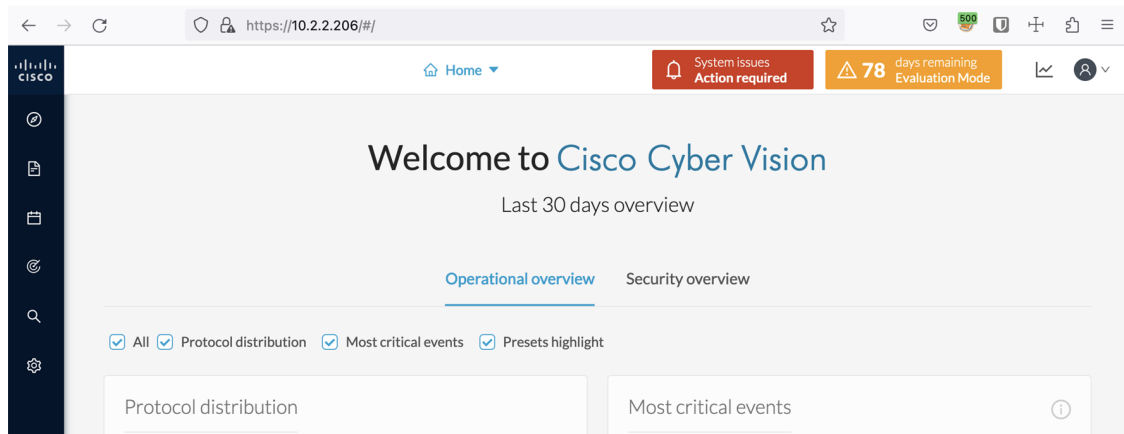
Step 6 Login to the Center with sync.

The following system alert pops up, indicating that the Global Center fingerprint has changed with a link to the administration system page to update it.

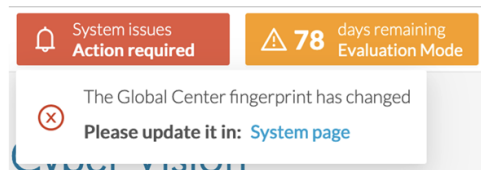
The screenshot shows a system alert dialog box with a warning icon. The text inside the dialog reads: "System alerts. The Global Center fingerprint has changed. Please update it in: System page". There is an "OK" button at the bottom right of the dialog. In the background, a red banner at the top of the interface says "System issues Action required" and a yellow banner says "78 days remaining Evaluation Mode".

Step 7 Click OK.

A red banner is displayed at the top of Cisco Cyber Vision's user interface.



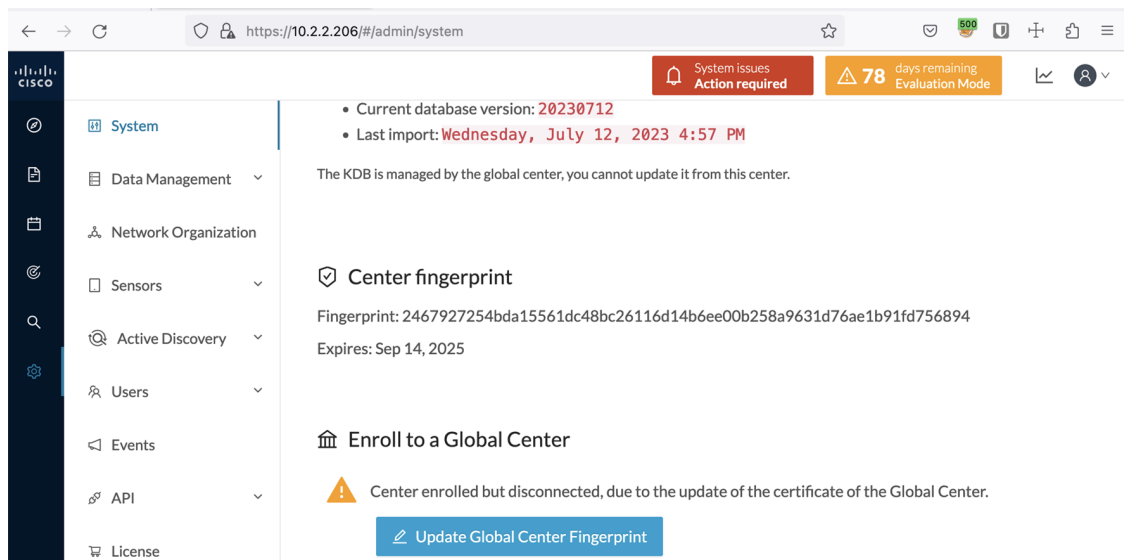
If you click the red banner, you will see the same message that appeared in the previous popup, with a link to the System page to update the Global Center fingerprint.



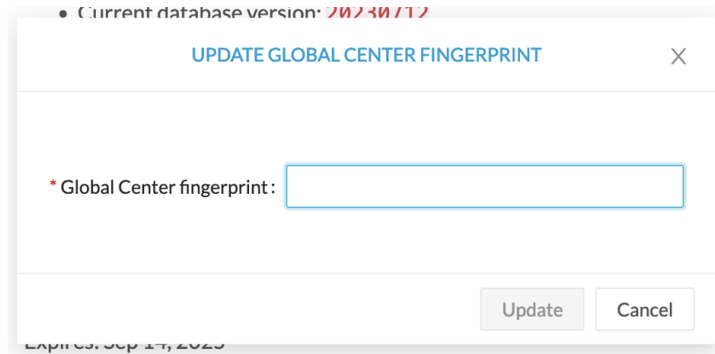
Step 8 In the System page, slide down to Enroll to a Global Center.

It is indicated that the Center is enrolled but disconnected.

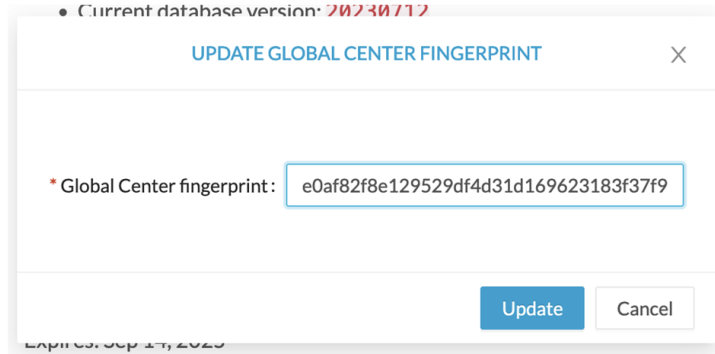
Step 9 Click **Update Global Center Fingerprint**.



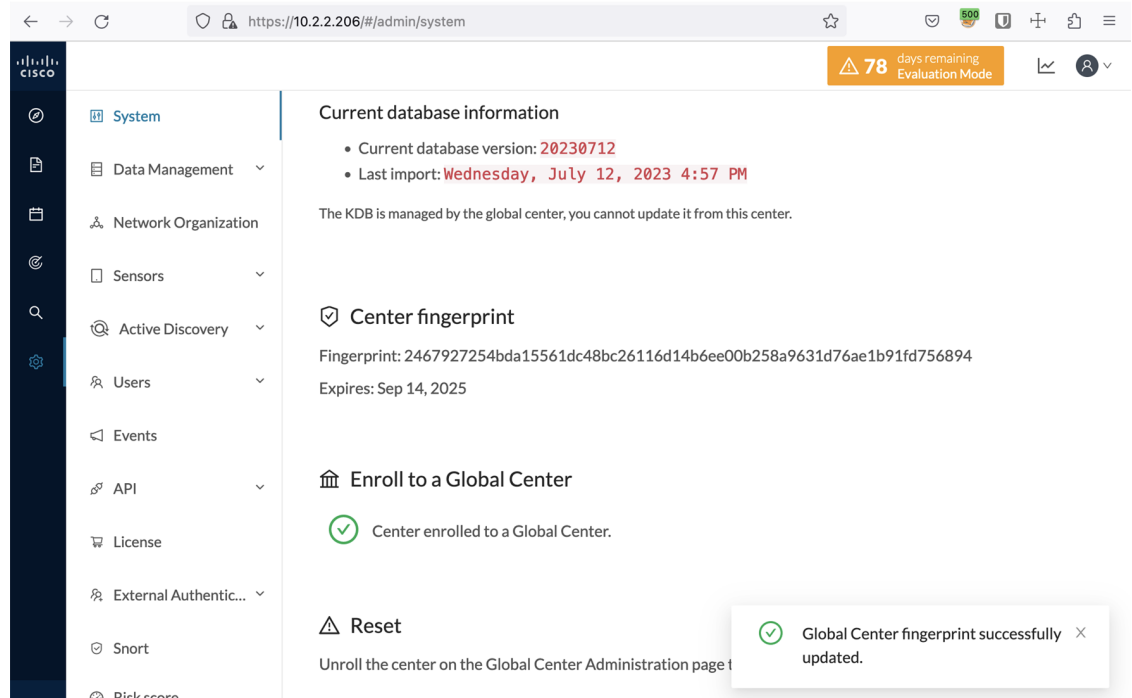
The Update Global Center fingerprint window pops up.



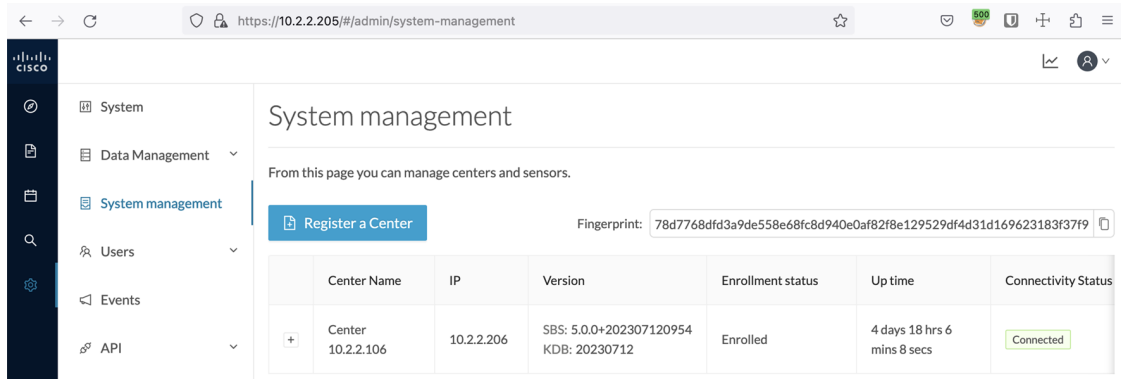
Step 10 Paste the Global Center fingerprint and click **Update**.



A message indicating that the Global Center fingerprint successfully updated appears and the Global Center enrollment status switches to enrolled.



In the Global Center System management page the Center appears as Connected.



The screenshot shows the Cisco System Management web interface. The left sidebar contains navigation options: System, Data Management, System management (selected), Users, Events, and API. The main content area is titled 'System management' and includes a 'Register a Center' button and a fingerprint input field with the value: 78d7768dfd3a9de558e68fc8d940e0af82f8e129529df4d31d169623183f37f9. Below this is a table listing centers.

	Center Name	IP	Version	Enrollment status	Up time	Connectivity Status
+	Center 10.2.2.106	10.2.2.206	SBS: 5.0.0+202307120954 KDB: 20230712	Enrolled	4 days 18 hrs 6 mins 8 secs	Connected

What to do next

Repeat the previous steps for each Center with sync.

Update a Center with sync fingerprint

Before you begin

You need access to the Center with sync and its Global Center.

Procedure

Step 1 Access the Center with sync.

This warning page indicates that the certificate has been renewed.

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What can you do about it?

The issue is most likely with the website, and there is nothing you can do to resolve it.

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[Advanced...](#)

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Websites prove their identity via certificates. Firefox does not trust 10.2.2.206 because its certificate issuer is unknown, the certificate is self-signed, or the server is not sending the correct intermediate certificates.

Error code: [SEC_ERROR_UNKNOWN_ISSUER](#)

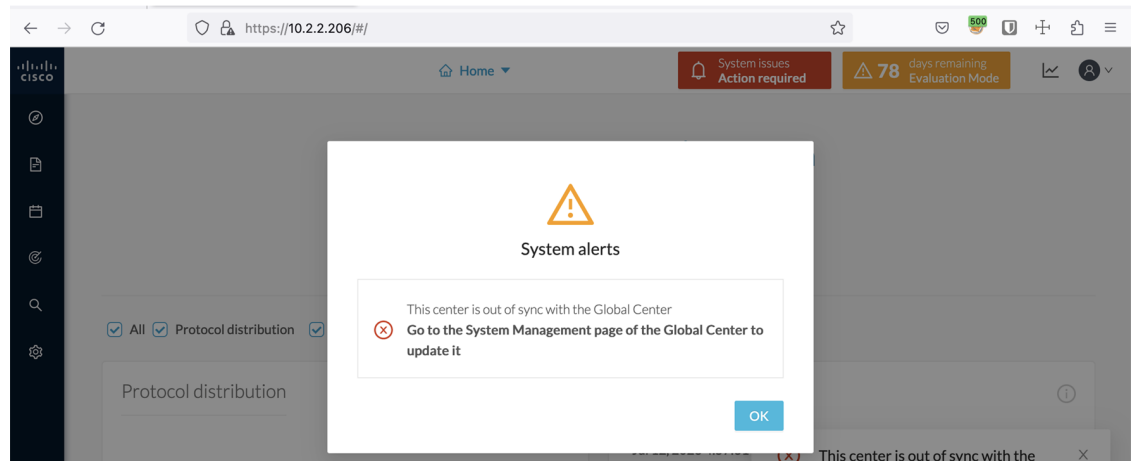
[View Certificate](#)

[Go Back \(Recommended\)](#) [Accept the Risk and Continue](#)

Step 2 Click **Advanced**, then **Accept the Risk and Continue**.

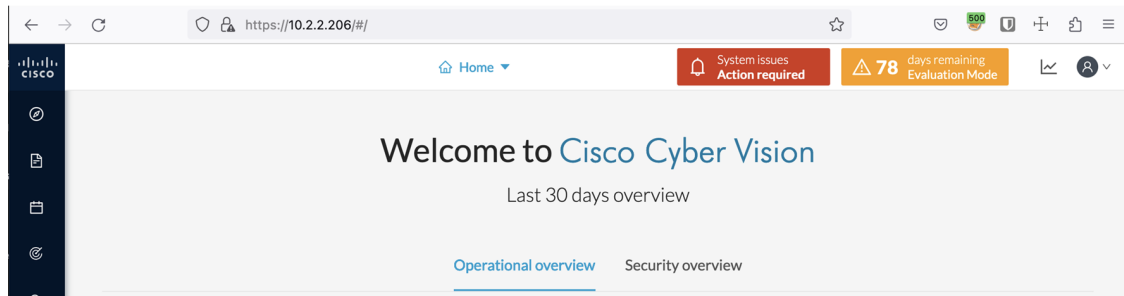
Step 3 Login to the Center.

An alert appears indicating that the Center is out of sync with the Global Center and the actions to take on the Global Center.

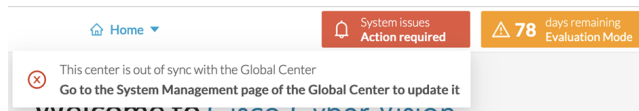


Step 4 Click **OK**.

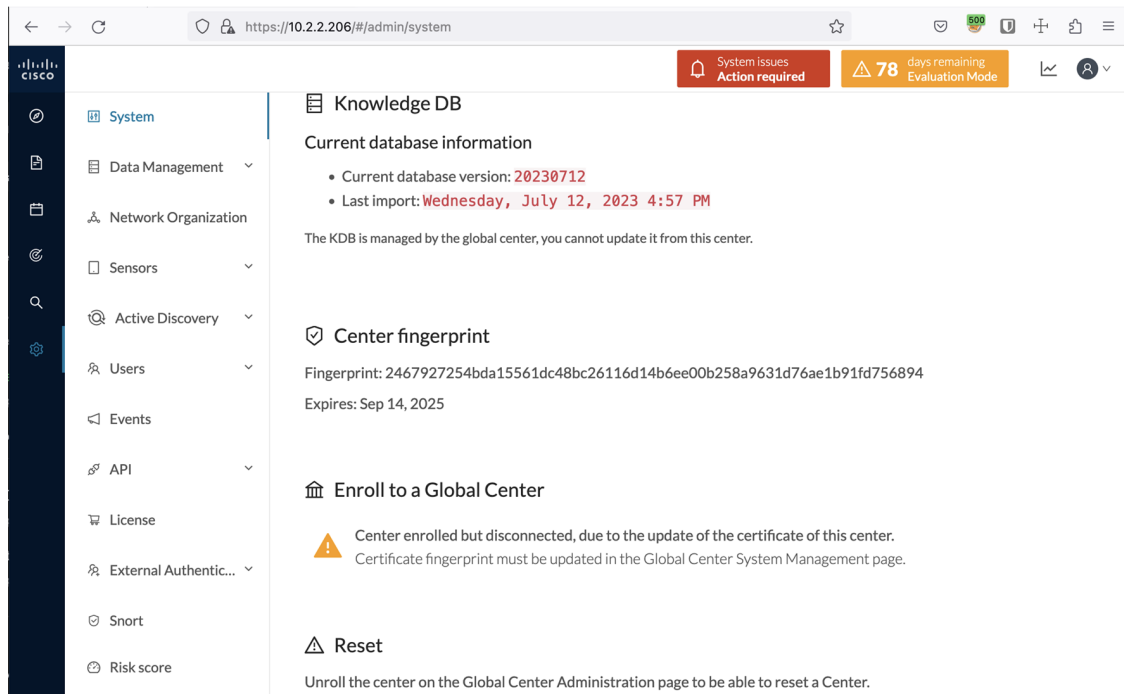
A red banner is displayed at the top of Cisco Cyber Vision's user interface.



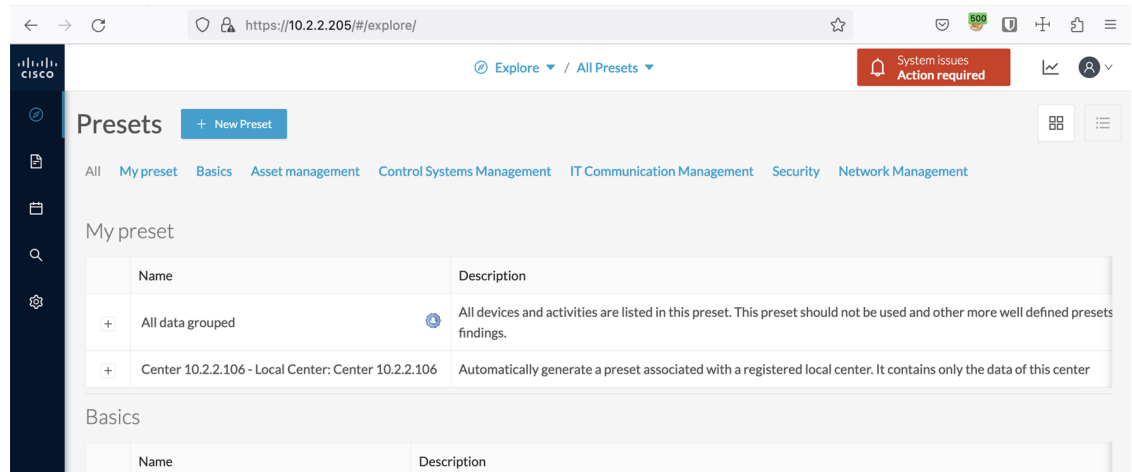
If you click the red banner, you will see the same message that appeared in the previous popup.



In the Center's administration system page, the Enroll to a Global Center state indicates that the Center is enrolled but disconnected.

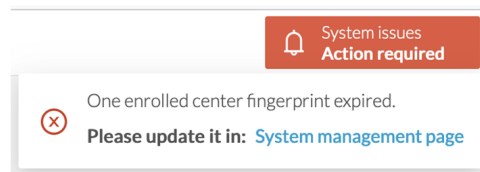


Step 5 Access the **Global Center**.

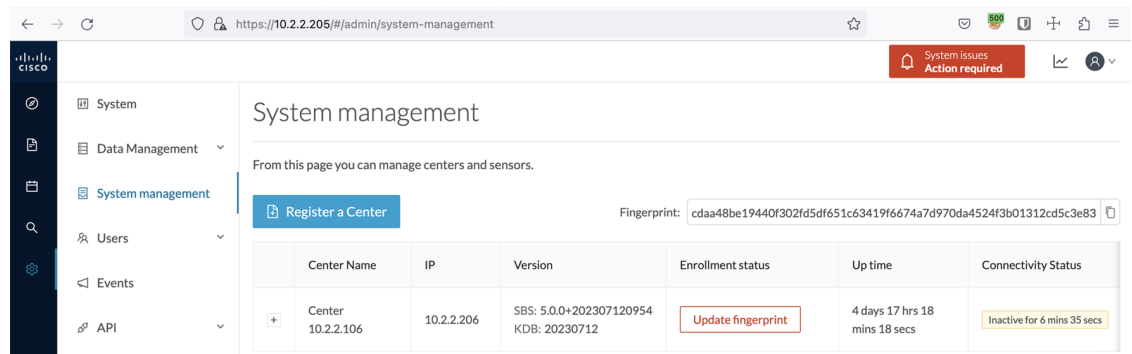


Step 6 Click the red banner.

A message indicating that a Center fingerprint is expired is displayed with a shortlink to access the administration system management page.



In the System management page you can see the Center with its enrollment status as Update fingerprint and Connectivity status as Inactive.



Step 7 Click the **Update fingerprint** status button.

An Update Center fingerprint window pops up.

UPDATE CENTER FINGERPRINT

* Center fingerprint:

Update Cancel

Step 8 Paste the Center fingerprint.

UPDATE CENTER FINGERPRINT

* Center fingerprint:

Update Cancel

A message indicating that the Center fingerprint successfully updated appears.

Wait a few moments for the Center enrollment status to switch to Enrolled and the connectivity status to Connected.

System management

From this page you can manage centers and sensors.

Register a Center

Fingerprint: cdaa48be19440f302fd5df651c63419f6674a7d970da4524f3b01312cd5c3e83

	Center Name	IP	Version	Enrollment status	Up time	Connectivity Status	Action
+	Center 10.2.2.106	10.2.2.206	SBS: 5.0.0+202307120954 KDB: 20230712	Enrolled	4 days 17 hrs 25 mins 39 secs	Connected	Ur

Center fingerprint successfully updated. Please wait for the centers list to be fully updated.

In the **Global Center's** administration system page the Center state is indicated as enrolled.

The screenshot shows the Cisco ISE Administration console interface. The browser address bar displays `https://10.2.2.206/#/admin/system`. A notification in the top right corner indicates **78 days remaining Evaluation Mode**. The left sidebar contains a navigation menu with the following items: System, Data Management, Network Organization, Sensors, Active Discovery, Users, Events, API, License, External Authentic..., Snort, and Risk score. The main content area is titled **Knowledge DB** and includes the following sections:

- Current database information**
 - Current database version: **20230712**
 - Last import: **Wednesday, July 12, 2023 4:57 PM**
- The KDB is managed by the global center, you cannot update it from this center.
- Center fingerprint**
 - Fingerprint: `2467927254bda15561dc48bc26116d14b6ee00b258a9631d76ae1b91fd756894`
 - Expires: Sep 14, 2025
- Enroll to a Global Center**
 - Center enrolled to a Global Center.
- Reset**
 - Unroll the center on the Global Center Administration page to be able to reset a Center.

