



FireSIGHT System Release Notes Hotfix DB (Leap Second) for ASA5512-X, ASA5515-X, ASA5525-X, ASA5545-X, ASA5555-X, ASA5585-X-SSP-10, ASA5585-X-SSP-20, ASA5585-X-SSP-40, and the ASA5585-X-SSP-60

Version 5.4.0.9 **First Published: December 19, 2016**

These notes provide installation instructions of the defects resolved by the FireSIGHT System Release Notes for Hotfix DB.

You need to apply Hotfix DB to ASA FirePOWER modules (the ASA5512-X, ASA5515-X, ASA5525-X, ASA5545-X, ASA5555-X, ASA5585-X-SSP-10, ASA5585-X-SSP-20, ASA5585-X-SSP-40, and the ASA5585-X-SSP-60) running Version 5.4.0 and later before the beginning of the year 2017.

Note! ASA FirePOWER modules (the ASA5512-X, ASA5515-X, ASA5525-X, ASA5545-X, ASA5555-X, ASA5585-X-SSP-10, ASA5585-X-SSP-20, ASA5585-X-SSP-40, and the ASA5585-X-SSP-60) must be running at least Version 5.4.0.9 to install Hotfix DB.

For more information, see the following sections:

- [Installing the Hotfix, page 1](#)
- [Resolved Caveat, page 2](#)

Installing the Hotfix

You can install the Hotfix DB to your managed devices via your Defense Center.

1. Download the hotfix archive file (Cisco_Network_Sensor_Hotfix_DB-5.4.0.10-1.tar), using the download method provided by Cisco Support.
2. On the system that will be used to upload the hotfix file to the Defense Center Virtual, extract the hotfix file (Cisco_Network_Sensor_Hotfix_DB-5.4.0.10-1.sh).
3. Using a web browser on the same system, log into the web user interface of the Defense Center.
4. Select **System > Updates**

Resolved Caveat

5. Upload the hotfix file (Cisco_Network_Sensor_Hotfix_DB-5.4.0.10-1.sh) to the Defense Center by clicking **Upload Update**.
6. Click **Choose File** in the Updates box, select the hotfix file from the local file system, then click **Upload** to upload the file to the Defense Center.

The Product Updates sub-tab will then appear again.

7. Take note of the Reboot column for each hotfix to be installed.

Caution: There will be up to an hour of downtime expected when you install the hotfix as it involves updating the firmware and managed device reboot is involved. We recommend that you route traffic around the device prior to installation of this hotfix.

8. Click the **Install** icon for the hotfix.
9. Select the device(s) to which to install the hotfix.
10. Click **Install** to begin installing the hotfix.
11. Confirm on the Task Status page (**System > Monitoring > Task Status**) the progress of the hotfix patch installation, until the installation is complete.

Resolved Caveat

Hotfix DB addresses the following issue:

Table 1

Bug ID	CSCuv11738
Bug Description	Leap second causes spuriously high CPU usage
Bug Impact	Configuring a system policy to use remote NTP server to synchronize time to a system with a registered ASA FirePOWER modules running a version older than Version 5.4 and experiencing a leap second may cause the system may use a high amount of CPU.
Technical Components Affected	Software
How to verify that the device is affected by the bug	System experiences extremely high CPU usage and performance latency.
Affected Releases	Version 5.4.0 and later
Fixed Releases	Version 5.4.0.10 and Version 5.4.1.9
Workaround	Reboot the device.

For Assistance

Thank you for choosing the FireSIGHT System.

Cisco Support

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information about Cisco ASA devices, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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For Assistance


If you have any questions or require assistance with Cisco ASA devices, please contact Cisco Support:

- Visit the Cisco Support site at <http://support.cisco.com/>.
- Email Cisco Support at tac@cisco.com.
- Call Cisco Support at 1.408.526.7209 or 1.800.553.2447.

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For Assistance