

How to Update the IPS Security Database on the Control Center

<https://campus.barracuda.com/doc/46209070/>

The IPS signature database can be updated centrally on the Barracuda NextGen Control Center, or offline by copying the signature files from a F-Series Firewall with up-to-date IPS signatures to the Control Center. Managed firewalls are updated directly by the Control Center.

An Energize Updates subscription is required to receive IPS security updates. For more information, see [Licensing](#). For information on how to check the subscription status of the IPS Database, see [How to Check the IPS Security Subscription Status](#).

Online IPS database updates

To perform an online update of the IPS database on the box layer of the Control Center:

1. Go to **CONTROL > Server**.
2. Under the **IPS** section on the right, click **Update**.
3. Select **Check for updates** to check for available IPS database updates and install them.

You can also use the following options:

- **Roll back to previous version** - Revert the IPS database to any version that was previously installed.
- **Roll back to latest version** - Revert the IPS database to the last installed version.

Offline IPS database updates

Use the offline update feature if your Control Center has no access to the Internet by copying the update files from an up-to-date NextGen Firewall F-Series to the Control Center. The update files are stored in `/var/phion/mcdownload/ips/files` on the F-Series Firewall.

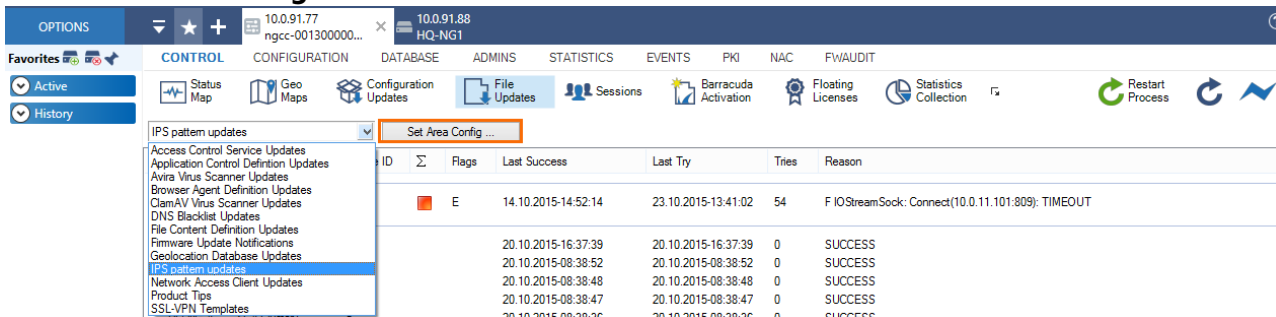
Step 1. Create a directory for the offline patterns

1. Log in to the Control Center via SSH.
2. Create a directory for the update files. E.g., `/var/phion/tmp/ipsoffline/`

Step 2. Set the update mode to offline

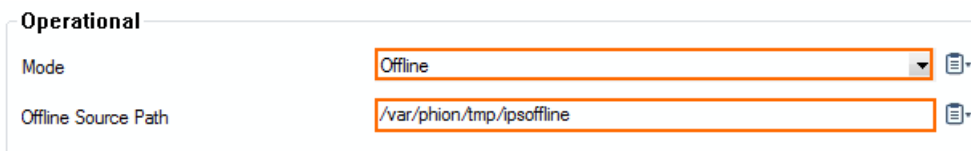
Change the IPS update mode to use the directory created in step 1.

1. Log in to the Control Center.
2. Go to **CONTROL > File Updates** .
3. From the Area Configuration dropdown list, select **IPS pattern updates**.
4. Click **Set Area Config**.



ID	Flags	Last Success	Last Try	Tries	Reason
E		14.10.2015-14:52:14	23.10.2015-13:41:02	54	FIOStreamSock: Connect(10.0.11.101:809): TIMEOUT
		20.10.2015-16:37:39	20.10.2015-16:37:39	0	SUCCESS
		20.10.2015-08:38:52	20.10.2015-08:38:52	0	SUCCESS
		20.10.2015-08:38:48	20.10.2015-08:38:48	0	SUCCESS
		20.10.2015-08:38:47	20.10.2015-08:38:47	0	SUCCESS
		20.10.2015-08:38:36	20.10.2015-08:38:36	0	SUCCESS

5. Set the **Mode** to **Offline** .



Operational

Mode:

Offline Source Path:

6. In the **Offline Source Path** field, enter the path of the IPS pattern source directory created in step1. E.g., /var/phion/tmp/ipsoffline/
7. Click **OK** .

Step 3. Copy the update files from a F-Series Firewall

Use the up-to-date IPS patterns on a F-Series Firewall as the source for the offline update of the Control Center IPS patterns.

1. Log in to a F-Series Firewall.
2. Copy all files in the /var/phion/mcdownload/ips/files folder to the **Offline Source Path** folder configured in Step1 on your Control Center.

Step 4. Trigger IPS update on the Control Center

On the firewall/box level of the Control Center:

1. Go to **CONTROL > Server** .
2. In the **IPS** section on the right, click **Update**.

Offline updates to the IPS database are shown in the IPS version history and are also logged.

Figures

1. set_area_ips.png
2. area_02.png

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