Important Information

Latest Software
We recommend that you install the most recent software release to stay up-to-date with the latest functional improvements, stability fixes, security enhancements and protection against new and evolving attacks.

Latest Documentation
The latest version of this document is at:
http://supportcontent.checkpoint.com/documentation_download?ID=11933
For additional technical information, visit the Check Point Support Center (http://supportcenter.checkpoint.com).

Revision History

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<th>Description</th>
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<tr>
<td>09 June 2011</td>
<td>First release of this document</td>
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Feedback
Check Point is engaged in a continuous effort to improve its documentation.
Please help us by sending your comments
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Objective

This document outlines the steps necessary to update the Edge firmware. Several methods to updating Edge firmware include via the local Edge GUI, SmartUpdate, and SmartProvisioning. Some additional information regarding the firmware compatibility will be described.

Supported Versions

- These procedures are for all Edge appliance hardware versions.
- Updating the Edge firmware is not dependent on the OS version of the client machine.

Related Documentation and Assumed Knowledge

- This document assumes the administrator is familiar with basic computer skills, networking knowledge, the Windows file system, winzip or winrar, and knowledge of internet browsers such as IE, Firefox, etc.
- For updating via SmartProvisioning method, it is assumed that the administrator has already configured the Edge to be managed by SmartProvisioning.

Impact on the Environment and Warnings

- Updating the Edge firmware involves rebooting the device after completion. Therefore, the administrator must plan for downtime.

Update Edge Firmware via Local GUI

From a client machine behind the Edge:

1. Make sure you have access to the Edge, start a internet browser and login to the local GUI:HLINK_1
2. Click on Setup > Firmware Update
From a client machine behind the Edge:

***NOTE: Firmware compatibility
For Edge X and W, use a firmware name with the ****x.img
For Edge ADSL, use a firmware name with the ****a.img
To update the ADSL modem within the Edge, use the SW****.firm

3. Click Browse and select a firmware to update (make sure you have unzip the firmware and the file has an extension of .img). Click Upload.
From a machine external to the Edge

Assuming the Edge is configured to allow HTTPS access from the external network:
1. Login to the Edge GUI: \texttt{https://ip\_of\_edge:981}
2. Same procedure as described for client machine behind the Edge.

Verifying

At this point, if the right firmware has been selected the Edge will upload the firmware and reboot. If the wrong version has been selected, the firmware update will fail.

After the Edge reboots, log back into the Edge GUI and the new firmware version should be display at the top right.

Update Edge firmware via SmartUpdate

1. Log into SmartUpdate.
2. select Packages from the Menu and then View Repository.
3. Right-click in the Package Repository, select Add, and choose which method you would like to add the Edge firmware.
   - From Download Center > accept the license agreement > enter usercenter name/password
   - From CD > browse to the proper location and select the firmware file
4. From **File** > browse to the location of the firmware file (make sure the firmware package has a file extension ****.tgz).
5. Right-click in the firmware package > select **Distribute**.

6. Select the Edge device(s) you wish to distribute and select Distribute.
Verifying

At this point, the package will be distributed to Edge and the device will reboot. Afterwards, right click on the Edge device in SmartUpdate > Packages view> and select Get Gateway Data. The firmware version will be displayed.

Update Edge Firmware via SmartProvisioning

Use steps 1, 2, and 3 from above to add the firmware package to SmartUpdate.

1. Log into SmartProvisioning, and edit the Edge Provisioning Object.
2. Select the Firmware Tab > choose Use the following firmware > use the drop down and select the firmware from the list.
   **Note the list of firmware is taken from the package repository from SmartUpdate.

3. Push Policy to the Edge device
   Again, at this point the package will be distributed to Edge and the device will reboot. Afterwards, the firmware version will be displayed on the “firmware” field on the relevant Provisioning object.