How to Update Barracuda NG Control Center Managed Systems

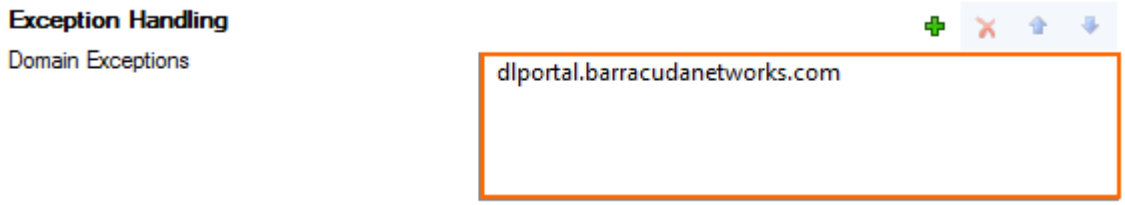
https://campus.barracuda.com/doc/43846922/

The Barracuda NG Control Center can manage multiple clusters each using different firmware versions: 4.2.X to 6.1.X. The Barracuda NG Control Center can only manage NG Firewalls using the same or lower firmware version. You cannot mix different firmware versions in a cluster. When upgrading to new firmware versions, you must first update the NG Control Center, then all NG Firewalls, virtual servers and services in the cluster at the same time. After all managed NG Firewalls in a cluster have been updated, you must also migrate the cluster to the new release version.

In this article:

Before you Begin

If you are using SSL Interception on your border firewall, you must add **dlportal.barracudanetworks.com** to the SSL Interception **Domain Exceptions** on the ***your NG Firewall*** **> Virtual Servers > Assigned Services > Firewall > Security Policy** page.



Step 1: Verify the Compatibility of Barracuda NG Control Center Versions with their Managed Units

The following table shows compatibility between the major versions of the Barracuda NG Control Center and various systems. Upgrade the Barracuda NG Control Center to the same, or newer, firmware version before updating the managed NG Firewalls.

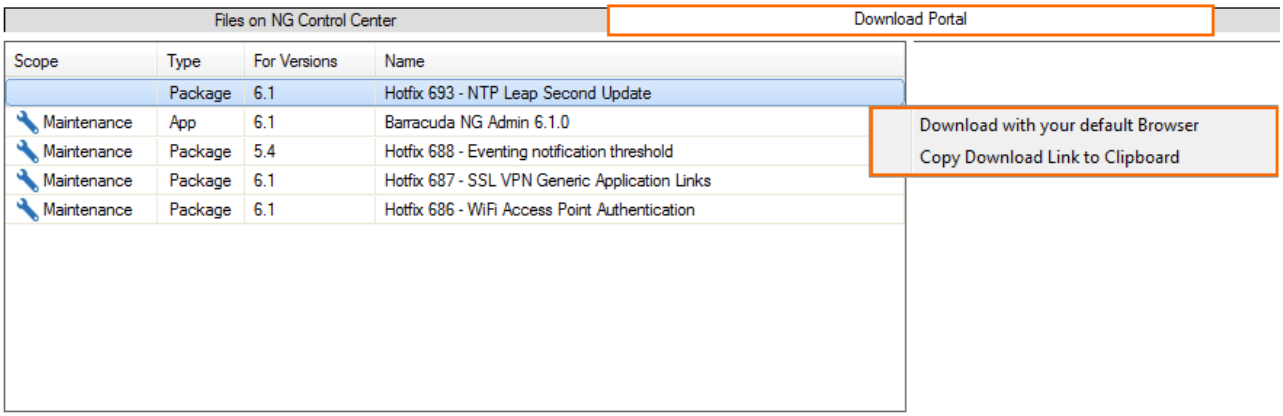
For more information, see Updating Barracuda NG Firewalls and NG Control Centers

Step 2. Download the Update Package from the Download Portal

Download the update package from the NG Control Center to your desktop client. Only update packages relevant for your cluster versions are displayed. To download files not listed here, go to https://dlportal.barracudanetworks.com.

Do not use SSL Interception for the connection to the Barracuda Download Portal.

1. Log into the Barracuda NG Control Center.
2. Go to **CONTROL > Firmware Update**.
3. In the lower half of the screen, click on the **Download Portal** tab.
4. Move the mouse over the desired update package, click the download icon, and select **Download with your Default Browser**. Your browser opens to download the desired update file.



Step 2: Import the Update Package into the Barracuda NG Control Center

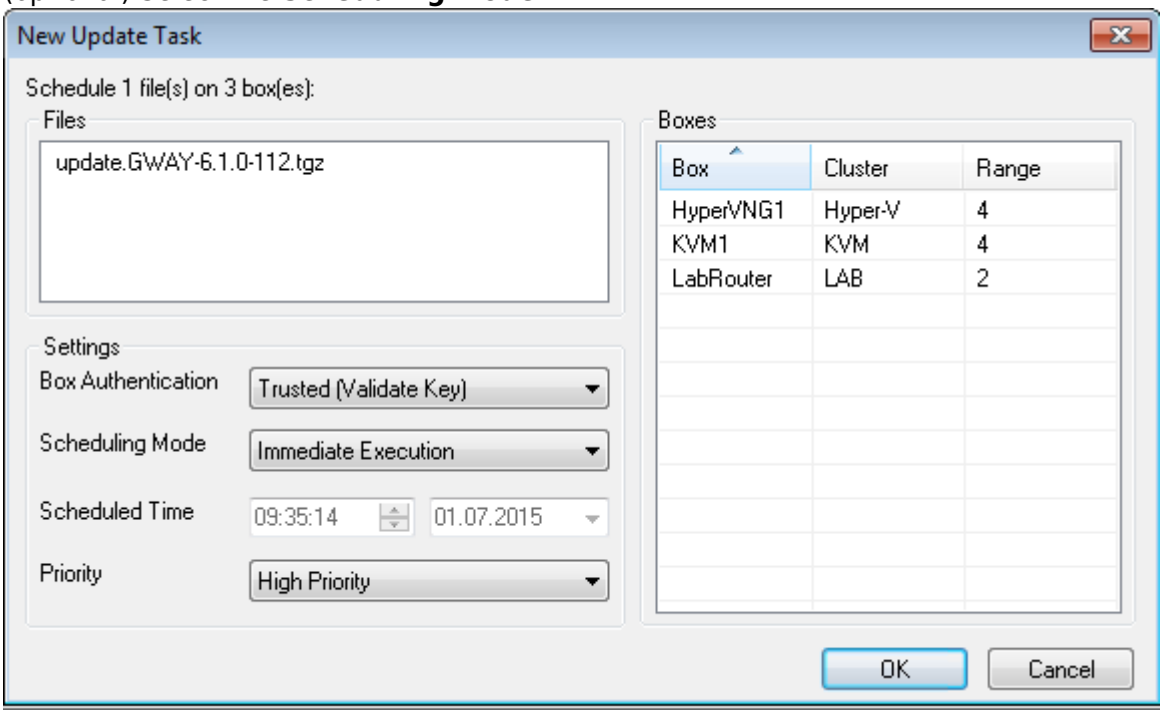
Import the update file to the NG Control Center.

1. Log into the Barracuda NG Control Center.
2. Go to **CONTROL > Firmware Update**.
3. In the lower half of the screen, click on the **Files on NG Control Center** tab.
4. Click **Import Update File** and select the update package you downloaded in Step 1.

The file is copied to the NG Control Center and displayed in the **Files on NG Control Center** tab**.**

Step 3: Send the Update Package to the Systems

1. On the **Firmware Update** page, select the **Ranges**, **Clusters**, or **Boxes** to be updated.
2. In the **Files on NG Control Center** tab, select the update package.
3. Click **Create Update Task**. The **New Update Task** window opens.
4. (optional) Select the **Scheduling Mode**.



5. Click **OK**.

The update packages are now copied to the selected remote systems. Go to **CONTROL > Update Tasks** for more information.

Step 4. Execute the Update Package

1. Go to **CONTROL > Update Tasks**.
2. In the **∑** column, a green icon is displayed, verifying that the update package was sent successfully.
3. Select the systems which have received the entire update package and right-click the system select **Perform Update**.
4. In the **Schedule Task** window, select **Immediate Execution** from the **Scheduling Mode** list and click **OK**.

Wait for the update to finish. Depending on the system hardware, the process can last anywhere from 15 minutes (for a fast system) to 60 minutes (for flash appliances).

Unless otherwise noted, all Barracuda NG Firewalls will reboot after the update has been applied.

Step 5. Migrate the Configuration Version of the Cluster

If you are updating to a new major version (5.4. to 6.0 or 6.0 to 6.1), you must migrate the cluster version after the update has completed.

Update the Clusters Individually

1. Open the cluster you just updated (**CONFIGURATION > Configuration Tree > Multi-Range> *your range* > *your cluster***).
2. Right-click on the cluster and select **Lock**.
3. Right-click on the cluster and select **Migrate Cluster**.
4. Select the new **Release** version.
5. Click **OK**.
6. Click **Activate**.

Update all the Clusters in a Range

If all clusters in the range are on the same firmware version, you can migrate all clusters simultaneously.

1. Open the range containing the clusters you just updated (**CONFIGURATION > Configuration Tree > Multi-Range> *your range***).
2. Right-click on the range and select **Lock**.
3. Right-click on the range and select **Migrate Range**.
4. Select the new **Release** version.

5. Click **OK**.
6. Click **Activate**.

Troubleshooting / Logs

After the update process, review the **Box\Release\update** or **Box\Release\update_hotfix** log for each system to verify that it was successfully updated. To view a system log, you must connect directly to the system and open the **Logs** page.

Figures

1. fw_update00.png
2. fw_update01.png
3. fw_update02.png
4. fw_update03.png