

How to Update and Revert the Firmware

<https://campus.barracuda.com/doc/19333773/>

This article provides instructions on updating the firmware for *standalone* Barracuda Load Balancer ADCs.

If you want to update the firmware for two Barracuda Load Balancer ADCs configured in high availability cluster, see [How to Update the Firmware on Clustered Systems](#).

On the **ADVANCED > Firmware Update** page, you can update or revert the firmware version of the Barracuda Load Balancer ADC. If offline updates are enabled, you can complete an offline firmware update.

Because the Barracuda Load Balancer ADC reboots during the firmware update, it is recommended that you update the firmware in a planned maintenance window.

Before You Update the Firmware

Before you update the firmware version of the Barracuda Load Balancer ADC, it is strongly recommended that you:

- Go to the **ADVANCED > Backups** page and back up your current configuration.
- Read all release notes that apply to versions that are more recent than the one currently running on your system. You can view the release notes on the **ADVANCED > Firmware Update** page. If you are performing an offline firmware update, the release notes appear after you upload the firmware update package with the steps in the [Offline Firmware Update](#) section below.

Online Firmware Update

To update the firmware for the Barracuda Load Balancer ADC:

1. Go to the **ADVANCED > Firmware Update** page.
2. Compare the installed version in the **Current Firmware Version** section to the latest general release version available in the **Firmware Download** section. If you have the latest firmware version already installed, the **Download Now** button for the latest general release version is disabled.
3. If there is a new **Latest General Release** available, click **Download Now** and allow the

update to finish downloading.

4. After the update is completely downloaded, click **Apply Now**.

Do not reboot or turn off the Barracuda Load Balancer ADC while the firmware is updating. The process can take several minutes to complete, depending on your configuration. After the firmware finishes updating, the Barracuda Load Balancer ADC automatically reboots and you are redirected to the login screen.

Offline Firmware Update

To update the firmware for the Barracuda Load Balancer ADC without Internet access, you must enable offline updates. You can then download the latest firmware package from your Barracuda Cloud Control account and upload the package to the Barracuda Load Balancer ADC.

1. Contact Barracuda Networks Technical Support for a **Feature Code** to enable offline updates.
2. Go to the [Support > Downloads page in your Barracuda Cloud Control account](#), and download the latest firmware package.
3. Log into the Barracuda Load Balancer ADC.
4. Enable expert mode by appending the URL with: `&expert=1`
5. Go to the **ADVANCED > Offline Update** page that appears and enable offline updates.
 1. Enter the **Feature Code** that you received from Barracuda Networks Technical Support, and then click **Activate**.
 2. When the **Enable Offline Updates** setting appears, select **Yes**.
 3. Click **Save**.
6. Go to the **ADVANCED > Firmware Update** page.
7. In the **Firmware Upload** section, click **Browse** to navigate to and select the firmware package that you downloaded from your Barracuda Cloud Control account in step 2.
8. Click **Upload**.
9. After the firmware package is completely uploaded, click **Apply Now**.

Do not reboot or turn off the Barracuda Load Balancer ADC while the firmware is updating. The process can take several minutes to complete, depending on your configuration. After the firmware finishes updating, the Barracuda Load Balancer ADC automatically reboots and you are redirected to the login screen.

Firmware Revert

If you are reverting the firmware to a major release, the configuration that you had for that release version is loaded after the revert process completes.

You can revert the firmware to the previously installed version or to the factory installed version at any time. However, it is strongly recommended that you contact Barracuda Networks Technical Support before reverting the firmware.

To revert the firmware, go to the **ADVANCED > Firmware Update** page and revert to either the previously installed version or to the factory installed version in the **Firmware Revert** section. Do not reboot or turn off the Barracuda Load Balancer ADC while the firmware is reverting. The process can take several minutes to complete, depending on your configuration. After the firmware finishes reverting, the Barracuda Load Balancer ADC automatically reboots and you are redirected to the login screen.

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