

How to Recover the Barracuda NG Firewall with a USB Flash Drive

<https://campus.barracuda.com/doc/41116413/>

To recover the Barracuda NG Firewall, format a USB flash drive and import the Barracuda NG ISO image to the drive. You can also include PAR/PCA files and hotfixes. If you are including a PCA file, make sure that the password for the PCA file is set to the serial number of your hardware appliance.

If you include hotfixes, they are installed in alphabetical order after the firmware in the post-install section. A reboot is required after hotfix installation.

In this article:

Before You Begin

Before installing the Barracuda NG Firewall, you must have the following:

- Empty USB flash drive that is at least 2 GB.
- Barracuda NG Installer application.
- Barracuda NG ISO image.
- You must install the [Visual C++ Redistributable for Visual Studio 2012](#) on your computer to use Barracuda NG Install.
- (optional) PAR or PCA file.

You can download the Barracuda NG Installer and Barracuda NG ISO image from your [Barracuda Cloud Control](#).

Step 1. Prepare the USB Flash Drive for Installation

To format the USB flash drive with the Barracuda NG ISO image and any required PAR file:

1. Insert the USB flash drive into an available USB port on your client.
2. Launch Barracuda NG Installer with administrative privileges.
3. Select **Auto Installation USB Flash Drive** as the wizard mode.

If you are also installing hotfixes, the **Auto Installation USB Flash Drive** mode is required.

4. Click **Next**.
5. From the **Write to USB flash drive** list, select Yes.

6. From the **Save to** list, select your USB flash drive.
7. Click **Next**.
8. Select the **Format USB flash drive** check box.
9. If you want to install the unit with an existing [configuration backup](#), click **Modify** in the **Installation Mode Settings** section and import the appropriate PAR or PCA file.

You can only use PCA files that were encrypted using the serial number of the appliance as the password. Decrypt the PCA file if a manual password was used or the serial number does not match the password of the PCA file. For more information, see [phionar and conftool](#).
10. Click **Next**.
11. In the **Installation Mode Settings** section, click **Import** and import the Barracuda NG ISO image.
12. Click **Next**. The installation details window opens.
13. Click **Finish**. The files are written to the USB flash drive.

In the window that opens with a message asking you to format the USB flash drive, click **cancel**.
14. When the **USB Drive Formatted Successfully** window opens, click **OK**. The USB flash drive is now prepared for installation.

Step 2. (Optional) Install Hotfixes

If you also want to install hotfixes:

1. On the formatted USB flash drive, create the following directory:
/appliance/hotfixes
2. In the hotfixes directory, add the hotfixes. It is recommended that you rename the hotfixes with prefixes, such as *01_* and *02_*.

Step 3. Install the Barracuda NG Unit

To install the Barracuda NG unit:

1. Safely remove the USB flash drive from your client.
2. Plug the USB flash drive into your Barracuda NG unit and then power the unit on.
3. The successful installation is indicated by an acoustic signal.
4. Remove the USB flash drive from your Barracuda NG Firewall and reboot the unit.
5. Launch Barracuda NG Admin and log into the Barracuda NG Firewall.

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