

How to Backup and Restore the Barracuda NextGen Firewall X

<https://campus.barracuda.com/doc/8650759/>

Barracuda Networks recommends that you regularly back up the latest working configuration, in case you need to restore this information on a replacement Barracuda NextGen X-Series Firewall or the current system data becomes corrupt. It is also very important to back up your configuration before updating your X-Series Firewall to the latest available firmware.

Backups from appliances with older firmware versions (< 6.5.0) cannot be restored on an X-Series Firewall firmware version 6.5.0 or newer.

You can back up your current X-Series Firewall configuration into a single file. After a misconfiguration or hardware failure, you can import this backup file (*.bak) to the X-Series Firewall to restore the saved configuration. You have multiple options for saving configuration backups:

- In the Cloud (Barracuda Cloud Control)
 - Note that you can restore backups only to X-Series Firewalls with the same serial number.
- For manual backups, on the local file system of a computer that manages the X-Series Firewall.
- For automated backups, remotely on an FTP(S) server.
- Automatic hourly backups. The X-Series Firewall automatically creates a backup file every hour for the last 24 hours.

The following information is not included in the backup file:

- System password
- System management IP address
- DNS information

Manually Back Up and Download the Configuration of the X-Series Firewall

To manually save a configuration backup of an X-Series Firewall and store it locally:

1. Go to the **ADVANCED > Backups** page.
2. In the **MANUAL BACKUPS** section, click **Backup Now**. The **MANUAL BACKUPS** window opens.
3. Select the **Local** and **Configuration** check boxes and click **Backup NOW**. Download the generated backup file.

Automatically Back Up the X-Series Firewall

To automatically back up your configurations and store them on either an FTP server or a Windows network share:

1. Go to the **ADVANCED > Backups** page.
2. In the **BACKUP DESTINATION SETTINGS** section, select either **Cloud**, **FTP** or **FTPS** as the **Destination**.
3. Enter the settings for the server on which the backup file will be stored.

You need to use the full path on the server when configuring the FTP server. E.g.,
/home/user/ftpbackups/ for ftp://ftpserver/ftpbackups/.
4. To test the connection to the server, click **Test Configuration**.
5. In the **SCHEDULES BACKUPS** section configure and schedule the automated backups.
6. Click **Save**.

Restoring the X-Series Firewall with a Configuration Backup

You can restore your X-Series Firewall from either locally saved backups, backups stored in the cloud (Barracuda Cloud Control), backups stored on an FTP(S) server or from the hourly backups on the X-Series Firewall.

If the restore process is being performed to upload settings onto a new (unconfigured) X-Series Firewall, be sure to manually set the IP address and DNS information from the **BASIC > IP Configuration** page prior to starting.

Restoring a backup will overwrite the current configuration of your X-Series Firewall. Do not restore backup files from old 6.0.x or 6.1.x firmware versions on an X-Series Firewall running 6.5.X.

To restore the configuration of your X-Series Firewall:

1. Go to the **ADVANCED > Backups** page.
2. In the **RESTORE BACKUPS** section, click **Browse**.
3. Navigate to the location where the configuration backup is stored:
 - **Cloud** – All backup files stored in the cloud for this particular X-Series Firewall (as determined by serial number). To access and restore from a backup file stored in the cloud that was created from a different system, please contact Barracuda Networks Technical Support for assistance.

- **FTP or FTPS** – All backup files stored in the FTP server location configured above. By default, only the backup files for this particular X-Series Firewall (as determined by serial number), will be displayed. To list all available X-Series Firewall backup files regardless of serial number, set the **Show All Backups** option to **Yes**.
 - **Local** – Uses your native desktop browser to navigate to a location of your choosing.
 - **Disk** – Choose backup file stored locally on your X-Series Firewall.
4. Select the backup file and click **Restore Backup**.
 5. Confirm the information displayed on the main backup page to start the process.
 6. After the backup has successfully finished, reboot the X-Series Firewall.

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