

## How to Install Updates via SSH

<https://campus.barracuda.com/doc/72516313/>

In some cases, especially models with slower hardware or flash-based storage, it is recommended to reduce the load during the update by initiating the update via command line.

### Step 1. Download the Update from the Barracuda Download Portal

- Go to the [Barracuda download portal](#) and download the update or hotfix.

### Step 2. Update via SSH

1. Verify that the **/phion0/packages/** directory does not contain any files such as an older minor release or a patch package. The directory should only contain the **kl, os, ph, sa, and tgz** subdirectories.
2. Copy the update package or patch into the **/phion0/packages/** directory on your firewall. The package path and file name must not contain whitespace characters.
3. Type **phionUpdate**.

Wait for the update to finish. Depending on your system hardware, the upgrade can take anywhere from 10 minutes (on a fast system) to 60 minutes (on a flash unit). The firewall will reboot after the upgrade process.

Do not interrupt the update. During this process, the system boots and disconnects several times. As soon as the system is successfully updated, the combined major, minor, and build number for the new version is displayed on the console. For example:

```
Barracuda CloudGen Firewall release 7.2.0-644
```

You can also log back into the system using SSH. On the **Advanced > Firmware Update** page, you can confirm the system version and status.

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