



# Updating the Firmware on Quanta LB4M Switches

Published by [Sean](#) on [July 20, 2016](#)

There seems to be a lack of information (that isn't misinformation) on how to upgrade the firmware on Quanta LB4M switches. Posts abound containing warnings about bricking your switch. Likely, these people attempted some XMODEM transfer that was not needed. All you need is a TFTP server, which can even be running on your local computer.

Grab a copy of the firmware from [Jared's site](#) (or my mirror: [1.1.0.8](#) / [1.0.2.17](#)). I used `lb4m.1.1.0.8.bin` as it's the latest and seems to be the most featureful, although I'm still trying to locate a copy of the release notes for each version.

Make that file available via your TFTP server and ensure that your switch can see your TFTP server (ping should do nicely). I'll assume that your TFTP server is on `192.168.1.100`, so if it isn't replace that with the IP you're using. Once your switch can see the TFTP server, it's time to begin.

The LB4M has two firmware slots: `image1` and `image2`. You'll need to determine which is currently active, as you cannot download firmware to the active slot.

```
(Switching) #show bootvar
```

```
Image Descriptions
```

```
image1 : default image
image2 :
```

Images currently available on Flash

```
-----
unit      image1      image2      current-active      next-active
-----
1         1.0.2.14    1.0.2.14           image1              image1
```

This shows that we need to download the firmware into image2, as image1 is the currently loaded firmware. We do that with the following command:

```
(Switching) #copy tftp://192.168.1.100/lb4m.1.1.0.8.bin image2
```

Select 'y' at the prompt of "Are you sure you want to start?" and the transfer will begin. It will take a few minutes, but should complete without issue, assuming your TFTP server is reachable and working properly. If all goes well, you'll see the following:

```
Verifying CRC of file in Flash File System

File transfer operation completed successfully.
```

All that's left is activating the image and rebooting.

```
(Switching) #boot system image2
Activating image image2...

(Switching) #reload
```

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firmware

mirror

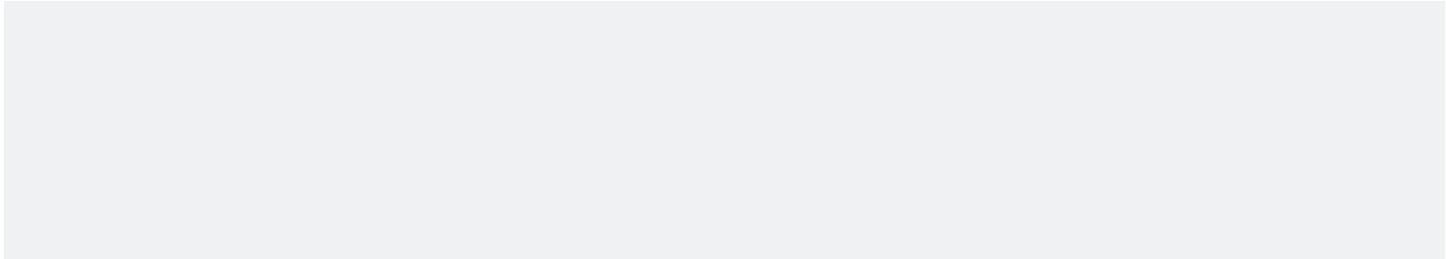
quanta

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