

# Using the OneConnect™ Flash Utility to Update OneConnect Adapter Firmware

Included in this firmware release is an ISO CD image of the OneConnect Flash Utility. The OneConnect Flash Utility enables you to update firmware on a OneConnect™ adapter.

**Note:** This utility is only supported on OneConnect adapters.

To update a OneConnect adapter's firmware using the OneConnect flash utility:

1. Create a bootable CD using the OneConnect-Flash ISO image.
2. Boot the server hosting the OneConnect adapter using the bootable CD.
3. After the server boots, the version of firmware being downloaded is displayed. Enter **Y** at the command prompt to start the download.

The OneConnect flash utility will automatically locate the OneConnect adapter, erase the existing flash and flash the UFI file. The flash utility will not prompt you for any other information. Allow the flash operation to complete; this may take a few minutes.

**Note:** Interrupting the flash operation may render the adapter inoperable.

A message will appear indicating that the download is complete.



```
Searching for Emulex OneConnect Flash Utility CD.
CD located and mounted at /cdrom

Emulex OneConnect Firmware Update Utility v4.6.142.10
Copyright 2012 Emulex Corporation

0C11102 controller #1 Base 0xce320000 at PCI Domain:0000 Bus:03 Dev:00
Firmware on Flash - v4.6.142.10

All 0C11102 controllers will be updated to firmware version 4.6.142.10

Do you want to continue (y/n)? y

OneConnect controller is being updated.
Percent complete: 100%
Firmware flash complete, reboot now
#
```

Figure 0-1 OneConnect Flash Utility screen output

4. Verify that the flash operation was successful:
  - a. Remove the flash CD from the CD drive.
  - b. Reboot the server.
  - c. When the OneConnect BIOS banner appears, verify that the version displayed matches this release.

## OneConnect Flash Utility Options

Usage: ./flash [options]

Available Options:

-x The update option specifies that the flash utility will update OneConnect controller firmware. This option is always used in conjunction with the file option. By default, all OneConnect controllers in the system will be updated. Use the -c option to update a subset of controllers in the system.

Example: flash -x -f /cdrom/UFI/filename.ufi

-f The file option specifies the UFI filename(s) to be used with the update option. The flash utility supports update for OCe11000 and OCe14000 series adapters depending on the UFI filename(s) passed with the -f option. Updates can be done individually or in any combination.

-c The confirm option allows you to individually confirm the firmware update for each OneConnect controller. Thus, in a system with multiple OneConnect controllers, the flash utility can be used to update the firmware for a subset of the installed controllers. This is an optional argument.

-d The device option is used to specify the OneConnect controller to be updated based on its location in the PCI hierarchy. You will need to specify the controller using domain:bus:device parameter. This is an optional argument.

Example: flash -d 0:5:0 -x -f /cdrom/UFI/filename.ufi

-i The info option is used to print the OneConnect devices along with their pci location information.

-h Displays help.

Copyright © 2015 Emulex. All rights reserved worldwide. This document refers to various companies and products by their trade names. In most, if not all cases, their respective companies claim these designations as trademarks or registered trademarks. This information is provided for reference only. Although this information is believed to be accurate and reliable at the time of publication, Emulex assumes no responsibility for errors or omissions. Emulex reserves the right to make changes or corrections without notice. This report is the property of Emulex and may not be duplicated without permission from the Company.