
Application Note

Starting CCM with BIOS-Based Boot on HP ProLiant Servers

Products Affected

Product Name
HP [®] StoreFabric [®] CN1100R Converged Network Adapters
HP 53X Series Flexible Network Adapters

Introduction

This application note provides instructions for using the HP ProLiant[®] BIOS-based boot process to start the QLogic Comprehensive Configuration Management (CCM) tool on the HP 53X Series Flexible Network Adapters and HP StoreFabric CN1100R Converged Network Adapters. CCM is integrated into the BIOS on each adapter.

Prerequisites

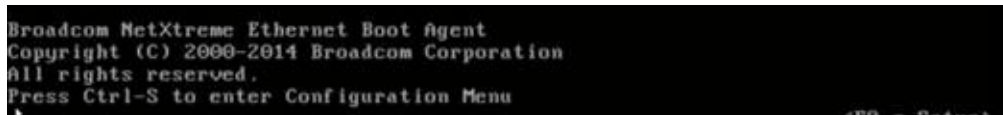
To invoke CCM, you need:

- One or more HP 53X Series Flexible Network Adapters and/or HP StoreFabric CN1100R Converged Network Adapters
- An HP ProLiant server

Starting CCM

To start CCM:

1. Start or reboot the server and wait for the line **Broadcom[®] NetXtreme[®] Ethernet Boot Agent** to appear (see [Figure 1](#)).



```
Broadcom NetXtreme Ethernet Boot Agent
Copyright (C) 2000-2014 Broadcom Corporation
All rights reserved.
Press Ctrl-S to enter Configuration Menu
(F9 = Setup)
```

Figure 1. Boot Screen

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2. Within 5 seconds, press Ctrl+S to open the CCM Device List menu. (see [Figure 2](#)).

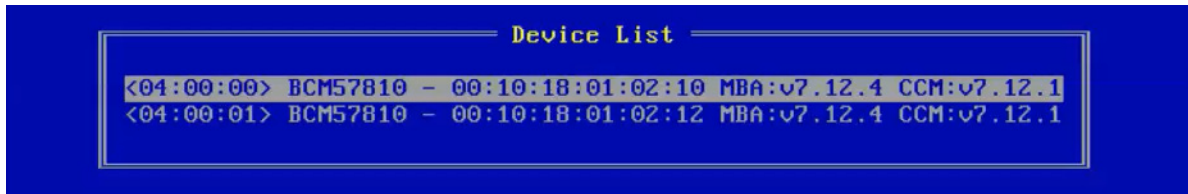


Figure 2. Device List Menu

The Device List menu shows any HP 53X Series and HP CN1100R Converged Network Adapters detected in the system.

You can distinguish between multiple installed adapters by the MAC address.

3. Press the DOWN ARROW key to select the device to configure, and then press ENTER to open the Main Menu.
4. Use the Main Menu parameters to enable and configure NPAR, SR-IOV, multiple boot agent (MBA), and many other functions.
 - For information on how to setup and configure these and other popular functions, see the associated QLogic Application Note and the HP *Broadcom Comprehensive Configuration Management for HP FlexFabric Adapters User Guide*, part number 746499-001.



Document Revision History
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Changes
Product purchased by QLogic Corporation.



Corporate Headquarters QLogic Corporation 26650 Aliso Viejo Parkway Aliso Viejo, CA 92656 949.389.6000 www.qlogic.com
International Offices UK | Ireland | Germany | France | India | Japan | China | Hong Kong | Singapore | Taiwan

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