

Application Note

Changing Storage Personality in SF Mode Using 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 changing the single-function (SF) storage personality on HP 53X Series Flexible Network Adapters and HP StoreFabric CN1100R Converged Network Adapters in HP ProLiant® servers using the Comprehensive Configuration Manager (CCM) tool. CCM is integrated into the BIOS on each adapter.

Prerequisites

To change the storage personality, you need:

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

Changing the Storage Personality in Single Function Mode

To configure NPAR:

1. Start CCM (see the QLogic *Starting CCM with BIOS-Based Boot on HP ProLiant Servers Application Note*, part number BC0051406-00), and then select an adapter and port to manage.

The Main Menu opens.

2. Select **Device Hardware Configuration**.

The Device Hardware Configuration menu opens (see [Figure 1](#)).



Figure 1. Device Hardware Configuration Menu

In [Figure 1](#), the **Multi-Function Mode** parameter is set to the default of single function (**SF**) mode. This setting is the default for 53xFLR (rack) systems. In 53xFLB (blade) systems, the default setting is **MF Allowed**, which is not the same as NPAR.

The **Storage Personality** parameter defaults to **FCoE**. (The default varies, depending on the adapter model.) This parameter appears only for adapters that support storage capabilities.

3. Change the value of the **Storage Personality** parameter by pressing the DOWN ARROW key until the **Storage Personality** parameter value is highlighted. Press the RIGHT ARROW key until the desired value appears. The values for the **Storage Personality** parameter vary, depending on the adapter model.
4. Press ESC until the **Exit Configuration** menu appears.
5. Select **Exit and Save Configuration**, and then press ENTER. This option saves your changes.
6. Reboot the server.
7. Optionally, open the **Device Manger** to view the changes.

References

For more information, see the following:

- QLogic *Starting CCM with BIOS-Based Boot on HP ProLiant Servers Application Note*, part number BC0051406-00
- HP *Broadcom Comprehensive Configuration Management for HP FlexFabric Adapters User Guide*, part number 746499-001



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