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Configuring Fibre Channel and iSCSI protocol and port settings on the HPE MSA Storage Controller using the CLI

Abstract

This document provides information about configuring HPE MSA Storage systems controller module Fibre Channel (FC) and iSCSI protocols and port settings, and applies to all support MSA Storage systems. By default, all MSA controller module host ports are configured to use the FC.

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Configuring host port mode using the `set host-port-mode` command

For information on establishing a CLI session with the MSA, see the *HPE MSA 1050/2050 CLI Reference Guide*, available at the Hewlett Packard Enterprise Information Library website:

http://www.hpe.com/info/msadocs

Syntax

```
set host-port-mode [FC|iSCSI|FC-and-iSCSI] [noprompt]
```

Description

Changes host-interface characteristics for host ports in an MSA 2050 SAN controller module.

Parameters

FC

Sets all ports to FC (default).

iSCSI

Sets all ports to iSCSI.

FC-and-iSCSI

Sets the first two ports to FC and the second two ports to iSCSI.

noprompt

Optional. Suppresses confirmation prompts. Specifying this parameter allows the command to proceed without user interaction.

Permissions

Standard role.

Usage

- For both controller modules, all ports can be set to FC, all ports can be set to iSCSI, or the first two ports in each controller module can be set to FC and the second two ports set to iSCSI.
- This command will immediately change the host port configuration, stop I/O, restart both controllers, and log event 236. After the controllers have restarted, you can use the `set host-parameters` command to configure the individual ports.

NOTE: If you change the configuration of host ports used for replication peer connections, you will have to reconfigure the peer connections.

Example input

For both controllers, set all ports to use iSCSI protocol.

```
# set host-port-mode iSCSI
```

For both controllers, set the first two ports to use FC protocol and the second two ports to use iSCSI protocol.

```
# set host-port-mode FC-and-iSCSI
```