BROCADE

SAN TECH NOTE

Preparing to Install the Brocade Access Gateway

INTRODUCTION

This SAN Tech Note describes configuration parameters that must be implemented to integrate the Brocade® M4424 SAN I/O Module for the Dell™ PowerEdge™ M1000e in Access Gateway mode into a Storage Area Network (SAN) fabric. The following describes the parameters for the Edge device that will be connected to the Brocade Access Gateway.

CONNECTING TO BROCADE FABRICS

Fabric OS Switches

Ensure that all the following conditions are met:

- Fabric OS® 5.2.1 recommended
  Fabric OS 5.1.0 or later also supported

- NPIV must be enabled on SAN switch N_Ports that will connect to the Access Gateway.

- Management Server platform services must be disabled before the Access Gateway is connected to the fabric. (Management Server platform services can be enabled after you complete the setup.)

- Allow inband inquiries, such as GFN and GML, and registration commands, such as RPL and RPAB to the Management Server.

- Set Management Server access set to "all access." If set to "restricted," include all AG N_Port WWNs in the MS access control list

- Fabric and switch zoning rules must use the WWN zoning scheme.

- Switch and fabric ACL (Access Control List) policies, if present, must include the WWN of the Access Gateway N_Ports and/or the host WWNs.

- Fabric logins on the port and switch that connect the Access Gateway to the SAN set to the maximum.

Enterprise OSc and Enterprise OSn Switches

Ensure that all the following conditions are met:

- Enterprise OS 9.0 or later with an NPIV license installed.

- NPIV must be enabled on the ports that connect the Access Gateway to the SAN.

- Fabric logins on the port and switch that connect the Access Gateway to the SAN set to the maximum.

- OpenSysMS (Open Systems Management Server) enabled.

  To enable, enter the following in the command-line interface (CLI):

  ```
  config OpenSysMs setState
  ```

CONNECTING TO CISCO FABRICS

SAN-OS Switches

Ensure that all the following conditions are met:

- SAN-OS 3.0 or later

- NPIV must be enabled on the ports that connect the Access Gateway to the SAN.

- OpenSysMS (Open Systems Management Server) enabled.