

KNOWN ISSUES FOR DELL(TM) POWERVAULT(TM) 50F, 51F AND 56F
FIBRE CHANNEL SWITCHES AND DELL POWERVAULT SWITCH MANAGER
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This readme file contains the following sections:

- * Introduction
- * Technical Updates for Dell PowerVault Fibre Channel Switches
- * Technical Updates for Dell PowerVault Switch Manager

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INTRODUCTION
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This readme file contains information about known issues that may not be covered in the product documentation for the Dell PowerVault 50F, 51F, and 56F Fibre Channel switches and Dell PowerVault Switch Manager.

You can find information about other known issues in the following guides:

- * "Dell Storage Area Network Installation Guide"
- * "Dell PowerVault 50F User's Guide"
- * "Dell PowerVault 50F Installation and Troubleshooting Guide"
- * "Dell PowerVault 51F 8-Port Fibre Channel User's Guide"
- * "Dell PowerVault 51F 8-Port Fibre Channel Installation and Troubleshooting Guide"
- * "Dell PowerVault 56F 16-Port Fibre Channel User's Guide"
- * "Dell PowerVault 56F 16-Port Fibre Channel Installation and Troubleshooting Guide"
- * "Dell PowerVault 5xF Switches Zoning Guide"
- * "Dell PowerVault Switch Manager User's Guide"

For Storage Area Network (SAN) 2.0 or later and/or zoning with the Switch Manager User Interface, the firmware on the switch must be the following version numbers or higher:

- * Dell PowerVault 50F: v1.6d5_dell
- * Dell PowerVault 51F and 56F: v2.1.7

Always refer to the Dell Support World Wide Web site (<http://www.support.dell.com>) for the most current information.

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TECHNICAL UPDATES FOR DELL POWERVAULT FIBRE CHANNEL SWITCHES
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The following information relates to operating the Dell PowerVault 50F, 51F, and 56F Fibre Channel switches:

* In fabrics that have both the PowerVault 51F or 56F with 50F switches, do not connect any private loop devices to the PowerVault 51F or 56F switch. The PowerVault 50F switch only supports a maximum of 32 phantom devices on its FL_Ports. When the translative mode is enabled at the FL_Port port where a private loop device is connected, the switch assigns a phantom port for each device on the fabric. The translative mode makes it possible for private loop devices to communicate with other devices connected to the fabric.

* The Ethernet port on the switch autonegotiates only when connecting. If the parameters change while the switch is

pv5xf.txt

connected to the network, you are disconnected from the switch. You must reboot the switch to reestablish the network connection parameters.

* The switch cannot respond to any keyboard commands if the scroll lock is turned on.

* Remove the RS232 serial cable after configuring the Internet Protocol (IP) address. Attaching the cable to an operational switch can cause port errors and degrade performance.

* The command line interface (CLI) does not support keyboard buffering. Wait for the command prompt to appear before issuing a switch command.

* When creating zone elements, new elements should be committed to the switch's configuration before adding them to other zone elements. This will avoid the possibility of zone corruption in the event that the zone element was incorrectly created. When the changes are committed, a check is performed against the new zone element.

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TECHNICAL UPDATES FOR DELL POWERSVULT SWITCH MANAGER

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The following information relates to operating the Dell PowerVault Switch Manager.

NOTE: You can administer switch and fabric using either the Telnet CLI or the Dell PowerVault Switch Manager, but do not use both methods at the same time. The CLI and the PowerVault Switch Manager operate differently, especially in zoning operations.

* Deleting an active configuration using the Telnet CLI "cfgDelete" removes the configuration only from nonvolatile random-access memory (NVRAM). This does not disable the configuration. The PowerVault Switch Manager does not allow a user to create a configuration with the same name until the configuration is disabled ("cfgDisable") and the settings are saved ("cfgSave").

* When you launch the PowerVault Switch Manager from a PowerVault 50F switch, the Switch Manager does not give access to either the "Zone Administration" or "Name Server Table" controls. In a mixed SAN with PowerVault 50F and 51F/56F switches, start the Switch Manager from a Dell PowerVault 51F/56F Fibre Channel Switch to take full advantage of the Switch Manager functionality.

* When you launch a "Fabric View Page" from a PowerVault 50F switch, the icons for all the switches in the fabric appear the same regardless of the switch type. Clicking one of these icons correctly launches the "General Switch View Page" of the switch specified by the IP address.

* When you launch a "Fabric View Page" from a PowerVault 51F switch, an icon for a PowerVault 50F switch appears to have 16 ports. This is a cosmetic issue. Clicking on one of these icons correctly launches the "Switch View."

- * The Switch Manager requires a 65,536 color setting or higher on the display color palette.
- * The Web browser may hang if you click the "Refresh" button before the Java applet initializes. Restart the browser if this happens.
- * The gateway addresses for cascaded switches must be set to same class (even if no valid gateway exists). The class is determined by the first octet in the IP address. If the classes are not set properly, the "General Switch View Page" may not launch properly from the "Fabric View Page."
- * With the PowerVault 50F switch, the top-left corner of the switch graphic on the "General Switch View Page" may disappear. This is an intermittent cosmetic problem. Dell is aware of the problem and is working toward a permanent solution in a future release.
- * When using Microsoft(R) Internet Explorer 5, the "Switch Administration" tab may disappear if another tab is selected.
- * Launching WebTools with Java 1.2.2-001 from a Microsoft Windows(R) Terminal Server generates a "Dr. Watson." This occurs because the Windows NT(R) font directory is in a different location from its location on a Windows NT system.
- * With Internet Explorer 4, closing the "Firmware Download Complete" window may result in a nonfatal Java script error.

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June 2000