

Dell™ PowerConnect™ 2808/2816/2824/2848

PowerConnect 2808/2816/2824/2848 Release Notes

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System Firmware Version 1.0.0.45



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Table of Contents

Introduction	1
GLOBAL SUPPORT	1
Firmware Specifications	1
Added/modified functionality	1
100 Base-FX Transceiver support.....	1
Transitioning Between Modes.....	2
Issues resolved	2
Dell0000816 - MIB compilation when using some MIB compilers.....	2
Dell0000818 – Chassis Service Tag.....	2
Known Restrictions and Limitations	2
MIB compilation using “snmptranslate” tool.....	2
Mirroring.....	3
Issues Resolved in Previous Versions	3
Device does not flood BPDU when connected to a port with a specific source MAC address pattern (xx:xx:xx:xx:xx:81). (Bugs00134177 / Case ID: dell 640).....	3
Documentation updates	3
Introduction.....	3
Corrections and Additions to the System Information Guide	3
Corrections and Additions to the User’s Guide and CLI Reference Guide	3
100 Base-FX Transceiver support.....	3
Corrections and Additions to the CLI Reference Guide	3
System Usage Notes	3
Telnet.....	3
VLAN Port Mode.....	4
DHCP Server.....	4
End of Release Notes	4



PowerConnect 2808/2816/2824/2848 Release Notes

Introduction

This document provides specific information for the Dell PowerConnect 2808/2816/2824/2848 Switch system, firmware version 1.0.0.45.

It is recommended that this release note be thoroughly reviewed prior to installing or upgrading of this product.

GLOBAL SUPPORT

By Web: <http://support.dell.com/>

For information regarding the latest available firmware, recent release notes revisions, or additional assistance, please visit the <http://www.dell.com> Support Web Site.

Firmware Specifications

Firmware Version Details

Boot PROM Name	Version No.	Release Date
powerconnect_28xx_boot-10013.rfb	1.0.0.13	July, 2012
Firmware Image Name	Version No.	Release Date
powerconnect_28xx-10045.ros	1.0.0.45	June, 2013

The firmware image version should be 1.0.0.45 on the PowerConnect 2808/2816/2824/2848. The boot prom image should be 1.0.0.13 Refer to the PowerConnect 28XX Systems User's Guide for instructions on loading the boot PROM software and updating the firmware image.

Version Numbering Convention					
Version number	Description				
2808/2816/2824/2848	1	0	0	45	Four part version number
				⌊	Denotes the build number.
			⌊		Denotes an ad hoc release of the product software.
		⌊			Denotes a scheduled maintenance release of the product software.
	⌊				Denotes a major version number.

Supported Firmware Functionality

For more details regarding the functionalities listed, please refer to the PowerConnect 28XX Systems User's Guide.

Added/modified functionality

From version 1.0.0.45 the following functionality was added:

Title	Description
100 Base-FX Transceiver support	Added 100 Base-FX Transceiver support



PowerConnect 2808/2816/2824/2848 Release Notes

From version 1.0.0.44 the following functionality was modified:

Title	Description
Transitioning Between Modes	<p>Change the functionality when device is transitioned between modes.</p> <ul style="list-style-type: none"> The current running configuration is automatically saved to local storage. If the system is switched to unmanaged mode via the Managed Mode button, the system does not load the saved configuration, but it is still maintained in the device's local storage mode On PC2616/PC2624/2648 - A transition from Unmanaged or Secure mode to Managed mode via the use of the Managed Mode button results in the switch resetting automatically and returning to Managed mode while running the saved configuration (if no configuration exists, then the default configuration is used). On PC2808 Only, Transition from Unmanaged to Managed mode behaves differently – after mode button is pressed device is automatically configured with IP address 192.168.2.1 and username admin (no password). User must connect to the device and select, via Restore Configuration WEBUI page, if device should return to previously saved configuration, or to default configuration, or configuration loaded via TFTP. Only after this selection the device will reboot to managed mode with the chosen configuration.

Issues resolved

The following issues have been resolved in current firmware release

Description	User Impact	Resolution
Dell0000816 - MIB compilation when using some MIB compilers.	Compilation errors while using some MIB compilers (for example., snmptranslate tool)	Updated MIB files fixed this issue partially. See "Known Restrictions and Limitations" section for minor issues still unresolved. Updated MIB files are part of this official release.
Dell0000818 – Chassis Service Tag	MIB – Switch reports the Switch Service Tag as Chassis Service Tag. However the device is not designed to be included in a chassis	Chassis Service Tag is now set to NULL for PC28xx series switches.

Known Restrictions and Limitations

Title	Description	ID
MIB compilation using "snmptranslate" tool	<p>When using some MIB compilers (for example "snmptranslate" tool) the following errors still exists:</p> <p>Undefined OBJECT-GROUP (udpHCGroup): At line 486 in ./udp-mib.mib</p> <p>Undefined OBJECT-GROUP (dnsServZoneGroup): At line 1072 in ./rfc1611.mib</p>	Dell0000816



PowerConnect 2808/2816/2824/2848 Release Notes

Mirroring	EAP request packets are sent on the monitoring port (the destination port). <u>Work Around:</u> None. This does not affect functionality and/or performance	Bugs00114787
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Issues Resolved in Previous Versions

The following is a list of issues resolved between 1.0.0.44 and 1.0.0.45 firmware release.

Description	User Impact	Resolution
Device does not flood BPDU when connected to a port with a specific source MAC address pattern (xx:xx:xx:xx:xx:81). (Bugs00134177 / Case ID: dell 640)	BPDU packets are flooded on such ports even though they should not be flooded	Issue was fixed

Documentation updates

Introduction

This section lists the changes from the latest PowerConnect 2808/2816/2824/2848 Systems User's Guide. The modifications are due to instances discovered in various user environments.

Corrections and Additions to the System Information Guide

Corrections and Additions to the User's Guide and CLI Reference Guide

Summary	Description	Relevant Documents
100 Base-FX Transceiver support	User Guide is updated to reflect the added support of 100Base-FX transceivers	User-Guide

Corrections and Additions to the CLI Reference Guide

System Usage Notes

Title	Description	
Telnet	IE7.0 does not support the telnet API	



PowerConnect 2808/2816/2824/2848 Release Notes

VLAN Port Mode	VLAN Port mode is General and is not user configurable.	
DHCP Server	<ul style="list-style-type: none">• DHCP Server is supported on a single interface only (the default VLAN) allowing a user to configure a single pool of addresses• The network pool cannot be configured on the same subnet as a default IP address. This is also relevant for the case when a static IP address is activated on the device• Co-existence with other DHCP Servers on the same LAN is not supported. This means that it is user responsibility not to enable this DHCP server if other DHCP Server is present and active on LAN• Download configuration is supported only if the value given for the parameter Config File Name includes the extension .ber	

End of Release Notes