



Release Notes
Plexxi Switch and Control

Release 3.2.1
July 21, 2017



100 Innovative Way- Suite 3322
Nashua, NH 03062
Tel. +1.888.630.PLEX (7539)
www.plexxi.com



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Plexxi, Inc.
100 Innovative Way - Suite 3322
Nashua, NH 03062
Tel: +1.888.630.PLEX (7539)
www.plexxi.com

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Introduction

This document contains information about the Plexxi 3.2.1 release, which delivers software updates for Plexxi Switch and Plexxi Control.

Software Versions Included

The following versions of software updates are included:

- Plexxi Switch 3.2.1
- Plexxi Control 3.2.1

Supported Hardware

Plexxi release 3.2.1 is supported on the following Plexxi switches:

- Switch 1x (PX-S1X)
- Switch 2 (PX-S2)
- Switch 2s (PX-S2S)
- Switch 2p (PX-S2P)
- Switch 2sp (PX-S2SP)
- Switch 2e (PX-S2E)
- Switch 3eq (PX-S3EQ)

Related Documentation

The following additional documentation supports this release:

- *Plexxi Compatibility Matrix, Version 7 or greater*. The *Plexxi Compatibility Matrix* contains version-specific software and hardware support information as well as cable and transceiver support information.
- *Plexxi Control Installation, Upgrade and Administration Guide, Release 3.2.0*
- *Plexxi Switch Administrator Guide using Linux and Plexxi CLI, Release 3.2.0*
- *Plexxi Control Online Help* is available while logged into the Plexxi Control UI

Except for the online help, this documentation is available on the Resources > Technical Publications page of <http://www.plexxi.com>.

Contacting Plexxi Support

Plexxi Technical Support services are available to answer your questions and to make sure that your software and hardware continue to operate properly.

You can contact Plexxi Support at:

support@plexxi.com

1.888.415.9809 (US/Canada toll-free)

+1 603-782-0702 (US/International)

<http://support.plexxi.com>



Issues Fixed in this Release

Issue ID	Description
PXSW-2977	Fixed an issue where multicast route entries on some switches remained and did not age out after multicast traffic stopped.
PXSW-2974	Fixed the following protocol independent multicast (PIM) issue: In the Plexxi CLI, multicast route entries were occasionally missing the 'Timed Stat' flag. For example, the output from the <code>show ip mroute</code> command for a switch occasionally was missing the 'Timed Stat' flag.
PXSW-2968	Fixed the following protocol independent multicast (PIM) issue: Sending a burst of traffic to a large number (ex. 500) of multicast groups at once causes traffic flooding for some groups out of non-listener ports for several minutes before all multicast routes are installed on all switches.
PXCTL-3189	Fixed the following issue: During upgrade, the password in the Stage Image job details was represented in clear text. It should have appeared encrypted.
PXCTL-3170	Fixed the following issue: Booting Plexxi Control 3.2 on a Plexxi fabric containing a a Plexxi switch at 3.1.1 or older may result in SNMP not being supported on that switch.
PXCTL-3169	Fixed an issue where the Plexxi Control client thinks it is connected to a switch when it is not.

Known Issues in this Release

Issue ID	Description
	Multicast traffic over an MLAG is not supported.
PXSW-2946	Fabric Link Encapsulation (FLE) is not supported in release 3.2.1.
PXSW-2501	The following issue exists: When a switch that is on the In-Band Management LAG is rebooted, the LACP configuration is not restored on the In-Band Management LAG.

Issue ID	Description
PXSX-2443	<p>The following MC traffic issue exists:</p> <p>When an MC receiver host moves, MC traffic still gets delivered to the port it was attached to previously until the IGMP JOIN on that port times out.</p>
PXSX-2440	<p>The following MC traffic issue exists when increasing the confluent ring size:</p> <p>An access port that was part of an MC group prior to increasing the confluent ring size is removed from the group after the confluent ring size is increased.</p>
PXSX-2165	<p>An issue exists where:</p> <p>If the following User Defined Path conditions exist:</p> <ul style="list-style-type: none"> • the path uses confluent ring ports • the last switch in the path (egress switch) is the Ubervisor switch <p>And if a Flow Entry has the following characteristics:</p> <ul style="list-style-type: none"> • Path action is selected • The user defined path stated above is selected • The egress ports on the Ubervisor egress switch (last switch in path) are not selected <p>Broadcast, unknown unicast, and unknown multicast traffic will not be forwarded. Known unicast and known multicast traffic is forwarded as expected.</p> <p>To solve this issue, if the Ubervisor switch is egress switch for a User Defined Path that uses the confluent ring, in Plexxi Control when configuring the Flow Entry, explicitly select the egress ports on the egress (Ubervisor) switch.</p> <p>If the last switch in the path is not an Ubervisor switch, traffic flows as expected.</p>
PXSX-2162	<p>In a Flow Entry created in Plexxi Control that uses the Path action, the Flow Entry might match a flow that does not originate on the source switch defined in the user-defined path.</p>
PXSX-1216	<p>Before increasing the size of the confluent ring using the Plexxi Switch CLI, you must remove any configuration from the ports to be added to the confluent ring LAG. This configuration includes L1 Replication, Fabric Link Encapsulation and User Defined Paths.</p>