



*Release Notes*  
*Plexxi Connect*  
*Release 2.4.0*  
*September 29, 2017*



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



## Copyright

The information contained herein is subject to change without notice. Plexxi and the Plexxi logo are trademarks of Plexxi, Inc. in the United States and other countries. Other product or service name may be trademarks or service marks of others. No part of this documentation may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from Plexxi, Inc. Plexxi, Inc. provides this documentation "AS IS," without warranty, term, or condition of any kind, either implied or expressed, including, but not limited to, the implied warranties, terms, or conditions of merchantability, satisfactory quality, non-infringement and fitness for a particular purpose. Plexxi, Inc. reserves the right to make changes to equipment design or program components described in this documentation, as progress in engineering, manufacturing methods, or other circumstances may warrant. No responsibility is assumed for the use of Plexxi, Inc. software or hardware, all rights, obligations and remedies related to which are as set forth in the applicable sales and license agreements.

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

Published Date, September 29, 2017  
Printed in United States of America. Copyright © 2017 Plexxi, Inc. All rights reserved.



## Table of Contents

Copyright.....	2
About Plexxi Connect 2.4.0 .....	4
Release Content.....	4
Compatibility Issue .....	4
Related Documentation.....	4
Contacting Plexxi Support .....	4
Plexxi Connect Installation Improvements .....	5
Auto Enable Access Ports on Existing and New Plexxi Switches.....	5
Plexxi Connect UI Enhanced to Support Visualization and Network Views .....	5
Experimental: New Plexxi Connect Prism UI.....	5
Safari Browser Compatibility Issue: Trusting the Plexxi Connect Certificate.....	6
Issues Fixed in the 2.4.0 Release .....	7
Known Issues in the 2.4.0 Release .....	7
Known Plexxi Connect Issues.....	7
Known Plexxi Control Issue.....	8
Known VMware vSphere Plugin Issues.....	8
Known Nutanix Prism Issues .....	8

## About Plexxi Connect 2.4.0

This document contains release-specific information about the Plexxi Connect 2.4.0 release.

The Plexxi Connect 2.4.0 software contains the following:

- Plexxi Control Pack
- Nutanix Prism Pack
- VMware vSphere Pack
- Plexxi Connect UI
- Plexxi Connect Prism UI
- Plexxi Connect vSphere Web Client plugin

## Release Content

- Plexxi Connect Installation improvements
- Auto Enable Access Ports on Existing and New Plexxi Switches
- Plexxi Connect UI Enhanced to Support Visualization and Network Views
- Experimental: New Plexxi Connect Prism UI

## Compatibility Issue

- Safari Browser Compatibility Issue: Trusting the Plexxi Connect Certificate

## Related Documentation

The following documentation supports this release:

- *Plexxi Connect Release Notes for Release 2.4.0*
- *Plexxi Software Compatibility Matrix*, version 8 or greater, which identifies compatibility between the versions of Plexxi software and identifies software upgrade paths/compatibility.
- *Plexxi Connect Installation, Upgrade and Administration Guide for Release 2.4.0*
- *Plexxi Connect UI Online Help*, available in the Plexxi Connect UI
- *Plexxi Connect vSphere Plugin User Guide for Releases 2.3.x, 2.4.0*

This documentation is available on the Plexxi Resources > Technical Documentation page:

<http://www.plexxi.com/technical-documentation/>

## 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](mailto:support@plexxi.com)

1.888.415.9809 (US/Canada toll-free)

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

<http://support.plexxi.com>



## Plexxi Connect Installation Improvements

The Plexxi Connect OVA and ISO installation procedures have been aligned with the Plexxi Control OVA and ISO installations. Also, the following features have been added to the Plexxi Connect installation:

- NTP server configuration.
- Support for VLANs.

Refer to the following document:

- *Plexxi Connect Installation, Upgrade and Administration Guide, Release 4.2.0*

## Auto Enable Access Ports on Existing and New Plexxi Switches

In the Plexxi Connect UI through the Plexxi Control pack configuration, you can optionally allow Plexxi Connect to automatically enable all access ports on all switches discovered by Plexxi Connect.

If enabled, Plexxi Connect will also detect new switches and enable their ports.

The default value is 'disabled.' This setting is configured through the Plexxi Control pack configuration in the Plexxi Connect UI.

Refer to the following document:

- *Plexxi Connect Online Help*, available from the Plexxi Connect UI

## Plexxi Connect UI Enhanced to Support Visualization and Network Views

The Plexxi Connect UI has been enhanced to support visualization of Plexxi fabric paths and ports as well as end-to-end network views that provide path and element information and visualization.

Refer to the following document:

- *Plexxi Connect Online Help*, available from the Plexxi Connect UI

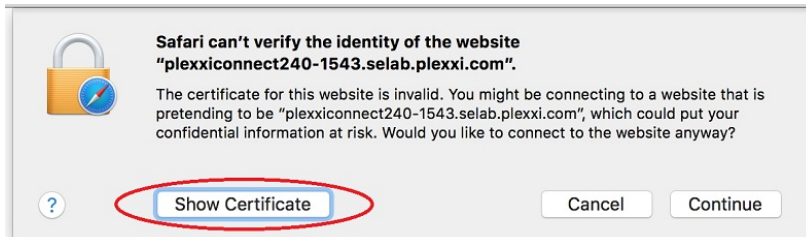
## Experimental: New Plexxi Connect Prism UI

A new UI is available with the look and feel of Nutanix Prism, in which you can configure Plexxi Connect in Nutanix environments.

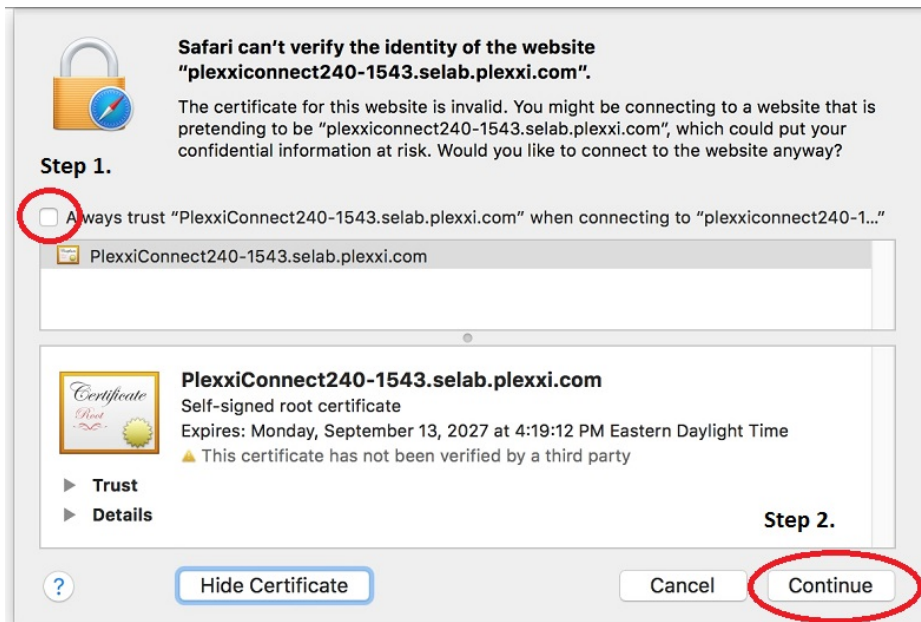
## Safari Browser Compatibility Issue: Trusting the Plexxi Connect Certificate

When using Safari, you will need to accept the Plexxi Connect certificate as follows:

1. When you navigate to the Plexxi Connect URL you will see a popup as shown below. Click on **Show Certificate**.



2. Click the **Always trust ...** check box to always trust the certificate.



3. Click **Continue**.
  4. If prompted, enter your system password.
- The Plexxi Connect login page will open.



## Issues Fixed in the 2.4.0 Release

Issue ID	Description
PXPSE-1644	Under certain conditions internal VLAN and cVLAN id's can overlap causing job failures.

## Known Issues in the 2.4.0 Release

### Known Plexxi Connect Issues

Issue ID	Description
PXUI-3271	The Microsoft Edge browser is not supported with the Plexxi Connect 2.4.0 UI.
PXPSE-1876	The Network view in the Plexxi Connect UI does not correctly report the status of active and backup NICs.
PXPSE-1603	When a existing VLAN Affinities Fit Style is updated from Off to Incremental or Full a Fit will not be immediately run if this is the only change detected by Connect. If a Fit is necessary one can be run manually via Plexxi Control. The next change detected by Plexxi Connect that impacts the VLAN Affinity will result in a Fit being run.
PXPSE-1602	Under certain scenarios, it is possible that the Plexxi Control Jobs created by Plexxi Connect for managing VLAN Affinities can fail due to a lack of synchronization between 1 or more Jobs. When this occurs, Plexxi Control will be left in the correct state despite the Job failure.
PXPSE-1254	When a Support Bundle is created in Plexxi Connect, there may be a delay before the bundle is visible in the UI for download. This occurs when the support bundle is large and takes longer than expected to create. Once the bundle is created, it will appear in the UI for download.
PXPSE-1044 and 1141	Under certain scenarios, it is possible that the Plexxi Control Jobs created by Plexxi Connect can fail due to a lack of synchronization between 1 or more Jobs. When this occurs, Plexxi Control will be left in the correct state despite the Job failure.
N/A	Plexxi Connect leverages LLDP and CDP advertise on distributed vSwitches to know where ESXi servers are cabled into the Plexxi Fabric. Ensure that DNS is properly configured on the ESXi servers so that LLDP sends out accurate information.
PXPSE-812	The vSphere pack in Plexxi Connect should not be configured with multiple configurations referencing the same vCenter server (e.g. one by its fully qualified domain name and one by IP address).
PXPSE-791	Plexxi Connect will not properly configure VLANs for Virtual Machines with Fault Tolerance enabled.

Issue ID	Description
PXPSE-753	Plexxi Connect creates VLAN Groups in Plexxi Control that it manages. They can be identified by names starting with "PSE". Users of Plexxi Control should not modify these VLAN Groups. If a user changes a LAG that a VLAN Group provisioned by Plexxi Connect is associated with, Plexxi Connect will not automatically correct it.
PXPSE-607	Plexxi Connect includes the Open VM Tools package. When Plexxi Connect is deployed in a VMware environment Open VM Tools will be run and it will sync the Plexxi Connect VM's clock with the time on the ESXi server. As a result users of Plexxi Connect should verify that their ESXi servers have the proper time configured (NTP is recommended).

### Known Plexxi Control Issue

Issue ID	Description
PXPM-691	When viewing VHost details in Plexxi Control from the Networks view the count of Virtual Machines displayed is not the strict count of VMs on that ESXi server. The total also includes the number of VMKernel Adapters on that ESXi server.

### Known VMware vSphere Plugin Issues

Issue ID	Description
N/A	In the Plexxi Connect UI, When the Plexxi vSphere plugin is registered, bi-directional communication must be available between Plexxi Connect and VMware vSphere (i.e. Plexxi Connect must be able to reach vSphere, and vSphere must be able to reach Plexxi Connect). If this communication is not available, the plugin registration will fail, however it will be reported as successfully registered.
PXPSE-826	After registering the vSphere Web Client Plugin from the Plexxi Connect UI, when you open the vSphere Plugin UI and configure Plexxi Connect authentication for the first time, you must then <b>refresh the vSphere Plugin UI browser</b> before pack configurations can be added.

### Known Nutanix Prism Issues

Issue ID	Description
ENG-86651	Prism reports the Plexxi port speeds incorrectly due the usage of SNMP ifSpeed which doesn't support 10GB or greater port speeds.
ENG-86499	Prism reports Plexxi switches as "Vendor: Unknown" in the UI.
PXPSE-1818	The Nutanix Prism UI/API incorrectly reports the status of active or backup NICs in a bond.