



Plexxi HCN™
Release Notes
Plexxi Connect Software
Release 2.5.0

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About Plexxi Connect 2.5.0

This document contains release-specific information about the Plexxi Connect 2.5.0 release.

The Plexxi Connect 2.5.0 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

- LDAP Authentication is supported and set up in the Plexxi Connect UI.
- Pack connection status reporting in the Plexxi Connect UI.
- Table columns can be customized in the Plexxi Connect UI.

Related Documentation

The following documentation supports this release:

- *Plexxi Software Compatibility Matrix*, version 9 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 Releases 2.4.0 and 2.5.0*
- *Plexxi Connect UI Online Help*, available in the Plexxi Connect UI
- *Plexxi Connect vSphere Plugin User Guide for Releases 2.3.x through 2.5.0*

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

1.888.415.9809 (US/Canada toll-free)

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

<http://support.plexxi.com>



LDAP Authentication in the Plexxi Connect UI

The Plexxi Connect UI supports the configuration of one or more LDAP servers to use for authentication.

For further information and LDAP setup instructions, refer to the following topic in the *Plexxi Connect Online Help*.

- User Accounts and Authentication > Configuring LDAP Authentication

Pack Connection Status Reporting in the Plexxi Connect UI

Knowing the connection status of your pack configurations is useful for overall management and for diagnosing issues. In this release, you can quickly determine the connection status of packs and pack configurations in the Plexxi Connect UI by viewing color-coded status messages in the Dashboard and Packs views. For example:

- **CONNECTED** next to a pack in the Dashboard > Packs panel indicates that all configurations are connected.
- **CONNECTED** next to a pack configuration in the Configuration > Packs > Nutanix Prism view indicates that the configuration is connected.

For further information, refer to the following topics in the *Plexxi Connect Online Help*.

- Views and Panels > Dashboard View
- Packs and Configurations > Viewing Packs, Pack Configurations and Pack Health

Customizing Table Columns in the Plexxi Connect UI

The Plexxi Connect UI contains a number of tables that provide information about such items as packs, certificates, VLAN affinities, and users, etc. By default, not all columns are shown. You can customize the tables, selecting columns to view or hide.

For further information, refer to the following topic in the *Plexxi Connect Online Help*.

- Customizing Table Columns

Issues Fixed in the 2.5.0 Release

Issue ID	Description
PXPSE-1935	When performing an upgrade to 2.4.0 from 2.3.x, the upgrade may fail due to a package dependency error with GNU GRUB. This failure will only be seen if the installation of Connect via ISO/OVA was done with pre-2.3.0 software.
PXPSE-1876	Fixed the issue where the Network view in the Plexxi Connect UI was not correctly reporting the status of active and backup NICs.
PXPSE-1818	The Nutanix Prism UI/API incorrectly reports the status of active or backup NICs in a bond.
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.

Known Issues in the 2.5.0 Release

Known Plexxi Connect Issues

Issue ID	Description
PXUI-3271	The Microsoft Edge browser is not supported with the Plexxi Connect 2.4.x UI.
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.

Issue ID	Description
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.
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 refresh the vSphere Plugin UI browser 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.