



Plexxi Connect Release Notes

Release 2.3.1
August 28, 2017



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About Plexxi Connect 2.3.1

This document contains release-specific information about the Plexxi Connect 2.3.1 release.

The Plexxi Connect 2.3.1 software contains the following:

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

Release Content

There are no new features in this release.

Related Documentation

The following documentation supports this release:

- *Plexxi Connect Release Notes for Release 2.3.1*
- *Plexxi Software Compatibility Matrix*, version 7 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 2.3.0*
- *Plexxi Connect UI Online Help*, available in the Plexxi Connect UI
- *Plexxi Connect vSphere Plugin User Guide for Release 2.3.0*

This documentation (except Connect UI Help) 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)

www.plexxi.com/support



Issues Fixed in the 2.3.1 Release

Issue ID	Description
PXPSE-1753	Fixed the following issue: The Nutanix REST API can return stale data about non-Plexxi physical switches that are no longer connected to AHV servers. Under this scenario, Plexxi Connect can fail to provision VLAN's due to mishandling the stale data.
PXPSE-1646	Fixed the following issue where VLANs were not being configured in a cluster: Under certain scenarios, Plexxi Connect provisioned a VLAN Group on a LAG where user provisioned VLAN Groups also existed. Plexxi Connect will no longer remove the user provisioned VLAN Groups.

Known Issues in the 2.3.1 Release

Known Plexxi Connect Issues

Issue ID	Description
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-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	When the Plexxi vSphere plugin is registered from Plexxi Connect's Action menu at Packs → VMware vSphere bi-directional communication must be available between Plexxi Connect and VMware vSphere (i.e. Connect must be able to reach vSphere, and vSphere must be able to reach Connect). If this communication is not possible the plugin will be reported as successfully registered when it failed.
PXPSE-826	After configuring Plexxi Connect authentication (Plexxi Connect -> Manage -> Settings -> Authentication) the first time after registering the Plexxi Connect vSphere Web Client Plugin, a browser refresh is required 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.