



# *Plexxi Connect Release Notes*

*Release 2.1.0  
December 23, 2016*



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## About Plexxi Connect 2.1.0

This document contains release-specific information about the Plexxi Connect 2.1.0 release.

The Plexxi Connect 2.1.0 software contains the following:

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

## Related Documentation

In addition to these release notes, the following documentation is available with this release:

- *Plexxi Connect User Guide for Release 2.1.x*
- *Plexxi Connect Getting Started Guide for Release 2.1.x*
- *Plexxi Compatibility Matrix, Rev 3 or greater.*

## Release Content


- New Plexxi Connect user interface (UI) appearance.
- Tour Help added to the Plexxi Connect UI
- New End User License Agreement during Plexxi Connect installation or upgrade. Agreement also available to view from the Plexxi Connect UI.
- Support for Nutanix Prism Integration Pack
- Support for CDP (Cisco Discovery Protocol)
- Support for OVA installation of Plexxi Connect
- New Plexxi Connect Operator role in the Plexxi Connect UI and vSphere Plugin.

## Plexxi Connect UI Appearance

The Plexxi Connect user interface (UI) has a new look, using the same styles and conventions as in the Plexxi Control UI. For detailed information on the new interface, refer to the following documents:

- *Plexxi Connect User Guide for Release 2.1.x*
- *Plexxi Connect Getting Started Guide for Release 2.1.x*

## Plexxi Connect Tour Help

A tour help was added to Plexxi Connect, which works the same way as the tour help in Plexxi Control. Click the Toggle Help Assistant icon  to start and stop the tour. The tour walks through context sensitive help on the current screen.

## Nutanix Prism Pack

This release supports the **Nutanix Prism** pack which implements a sensor for dispatching events for one or more Nutanix environments. As many as 10 instances of the Nutanix Prism pack can be configured to align with the existing VMware vSphere support. For further information on Nutanix Prism packs, refer to the following documents:

- *Plexxi Connect Getting Started Guide for Release 2.1.x*
- *Plexxi Connect User Guide for Release 2.1.x*

## End User License Agreement

A new End User License Agreement is available during Plexxi Connect installation or upgrade. The agreement can also be viewed from the Plexxi Connect UI. Refer to the following documents:

- *Plexxi Connect Getting Started Guide for Release 2.1.x*
- *Plexxi Connect User Guide for Release 2.1.x*

## Support for CDP

In release 2.1.0, Plexxi switches can be configured via Plexxi Connect to listen to Cisco Discovery Protocol (CDP) messages and process the information contained in them. The resulting attachment information is sent to Plexxi Control and used to create attached network elements that can be visualized and used in the creation of Affinity Groups.

In addition to LLDP support, support for CDP (Cisco Discovery Protocol) enables link discovery for both standard vSwitches and dvSwitches.

Using either Plexxi Connect or the vSphere plugin, CDP and LLDP can be enabled for each vSphere instance to automatically discover links for all vSwitches and dvSwitches.

For further information on link discovery, refer to the following document:

- *Plexxi Connect User Guide for Release 2.1.x*

## Support for Installing Plexxi Connect via OVA

Plexxi Connect Release 2.1.0 supports installation of Plexxi Connect using OVA (Open Virtual Appliance) procedures and installation files.

For further information on installing Plexxi Connect using OVA, refer to the following documents:

- *Plexxi Connect Getting Started Guide for Release 2.1.x*
- *Plexxi Connect User Guide for Release 2.1.x*

## New Operator User Role

A new Plexxi Connect Operator user role is available and can be configured from either the Plexxi Connect UI or from the VMware vSphere plugin. For further information, refer to the following document:

- *Plexxi Connect User Guide for Release 2.1.x*

## Issues Fixed in the 2.1.0 Release

### Fixed Plexxi Connect Issues

| Issue ID   | Description   |
|------------|---|
| PXPSE-1134 | Fixed an issue where, when changing the Plexxi Connect hostname to a FQDN, you need to ensure that /etc/hosts is configured with an alias. Make sure to follow the documented procedure to change the Plexxi Connect hostname.  |
| PXPSE-995  | Renamed the Read Only user role to Viewer.  |
| PXPSE-734  | <p>When auto-enable LLDP was enabled in prior releases it would only affect new Distributed vSwitches. This functionality has been enhanced to:</p> <ul style="list-style-type: none"> <li>• handle pre-existing Distributed vSwitches</li> <li>• handle Standard vSwitches</li> <li>• handle CDP and LLDP</li> </ul> |

### Fixed VMware vSphere Plugin Issues

| Issue ID  | Description   |
|-----------|---|
| PXPSE-808 | <p>Fixed the following issue:</p> <p>The "Manage Settings" and "Configure Packs" links from the Getting Started tab on Plexxi Connect Home require Global Settings privilege. If the current user does not have this privilege, no action will be taken when clicked.</p> |

# Known Issues in this Release

## Known Plexxi Control Issue

| Issue ID   | Description  |
|------------|--|
| PXCTL-1364 | When viewing the Details tab from VHost in PlexxControl's Network view, the Plexxi Switch field is not populated.  |
| 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 Plexxi Connect Issues

| Issue ID             | Description   |
|----------------------|---|
| PXPSE-1014/1044/1141 | 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.  |
| PXUI-2670            | If the browser is refreshed while you are using the Plexxi Connect UI, or when you login to the Plexxi Connect UI for the first time after an upgrade, you may see a "Operation timed out" warning. This warnings can be ignored.   |
| 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.   |
| 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 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.  |
| PXPSE-818 | When viewing the summary of a Plexxi Fabric (Plexxi Connect → Plexxi Resources → Pexxi Fabrics), Plexxi Connect shows available Affinity Elements as opposed to elements currently affinitized.   |



## Contact Plexxi Care

Plexxi Care technical support services are available to answer your questions and to make sure your software and hardware are operating properly at all times. Contact Plexxi Care using one of the following methods:

- [support@plexxi.com](mailto:support@plexxi.com)
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- [www.plexxi.com/support](http://www.plexxi.com/support)