

*** CAUTION - PI 3.2.2 Update 01 ***

1. PI 3.2.2 Update 01 should only be installed on PI 3.2.2.
2. If you are using a VM environment for running PI, please ensure that the disk is using thick provisioning, otherwise patch install process may take a very long time to complete.
3. If you are unable to download this package directly from cisco.com through Administration -> Software Updates page, then please download this update to your local machine and manually upload and install it through PI's Software Updates page.

Introduction

This UBF includes defect fixes. This update should **only** be installed on a Cisco Prime Infrastructure 3.2.2 server. This update addresses following defects:

Security Vulnerability Fixes:

Defect	Headline
CSCvg36875	Cisco Prime Infrastructure Privilege Escalation Vulnerability

Please refer to Cisco's PSIRT site for more detail on all the **Security Vulnerability** issues.

Resolved in PI 3.2.2 Update 01

Defects	Headline
CSCvg32582	Getting an error message while saving the smart license settings
CSCvg73908	Flash validation is invalid in "Activate from Library" for Nexus device
CSCvf96312	Schedule Deployment Start time is not working properly for System Templates
CSCvg54391	Composite Template XML import fails when members are CLI templates in the long path setup
CSCvg24135	The "." character is dropped when deploying a CLI template with a hostname command
CSCvg41670	Unable to delete a Flex 7510 Wireless LAN Controller from Prime Infrastructure

CSCvg85220	Unable to view C9300,C9500 and C9400 CDP neighbor detail in PI 3.2.2
CSCvf45968	Dashlet: Top N WAN interfaces by Utilization shows "No data."
CSCvg48472	Config Archive generated change audit report even though there was no change in device configuration
CSCvg88416	Few system jobs get stuck in scheduled state for last and next run time
CSCvg25678	With correct dimensions specified, edit Floor throws a floor conflict error message in NXG maps
CSCvg44293	PI 3.2 NXG maps - In multiple edit, special characters are accepted in contact, width and height
CSCvg56650	In PI 3.2, a new maps display label is wrong when a HALO antenna is installed
CSCvg89292	In Jobs Dashboard, PNP jobs may get piled up under the APIC-EM job category
CSCvg36875	Cisco Prime Infrastructure Privilege Escalation Vulnerability
CSCvg84640	Trap Receivers API creates two alarm policies instead of one when "all" category passed in
CSCvg93650	GIF image Port Alignments misleading for C9400 LC-48P and LC-48S
CSCvf81598	In PI 3.2, the "Port Capacity" report is showing an incorrect count when ports have a description
CSCvg32540	SAM daemon aggregation is failing while inserting records into Hosts table from cdb
CSCvg86865	In PI 3.2, saved reports do not allow changing the time option
CSCve29834	MAUi:SR 800 (SysOId 1.3.6.1.4.1.9.1.858) unsupported in PI3.2 beta
CSCvh13144	WLC sometimes doesn't return the OID for bsnAPIfDot11NumberSupportedPowerLevels for some APs to PI
CSCvc87154	Device reachable status is not recognized
CSCvg46100	Data Cleanup may fail to clean Job entries because of JobMessage child table
CSCvg84648	trapReceiverService/receiver-POST API returns error when "all" severity is passed

CSCvg50354	In HA, with secondary active, after a failed restart, primary does not let go the Virtual IP (VIP)
CSCvg66240	Irrelevant check box shown in Image Deployment Tab from image tab & software image summary page

There are no other new features included in this update.

System Requirements

For more information on server and web client requirements, see the [System Requirements](#) section of the *Cisco Prime Infrastructure 3.2 Quick Start Guide*.

Installation Guidelines

The following sections explain how to install the patch.

Before You Begin Installing the Patch



Caution: Once you install this patch, you cannot un-install or remove it. If this is VM based environment, then if possible, take a VM Snapshot before applying this patch. It is recommended that you always take a backup before attempting to install an update.

Because the patch is not removable, it is important to have a way to revert your system to the original version in case hardware or software problems cause the patch installation to fail.

To ensure you can do this, take a backup of your system before downloading and installing this UBF patch.

To revert the back to Prime Infrastructure 3.2.2 installation (with PI 3.1.x backup), follow these steps:

1. Reinstall Prime Infrastructure 3.2 from an OVA or ISO distribution
2. If you have a prior PI 3.1.x backup
 - Install PI 3.2
 - Restore PI 3.1.x backup
 - Install PI 3.2.2 maintenance release

3. Install this update only after you have completed step #2

To revert the back to Prime Infrastructure 3.2.2 installation (with PI 3.2.x backup), follow these steps:

1. Reinstall Prime Infrastructure 3.2 from an OVA or ISO distribution
2. If you have a prior PI 3.2.x backup
 - Install PI 3.2
 - Install PI 3.2.2 maintenance release
 - Restore PI 3.2.x backup
3. Install this update only after you have completed step #2

If you are installing the patch as part of a High Availability (HA) implementation, you will want to ensure that the network links between the two servers provide maximum bandwidth and low latency throughout the patch install. For more information, see [Troubleshooting Patch Installs in HA Implementations](#).

Installing the PI_3_2_2_update_01-1.0.8.ubf patch

Make sure you have completed the recommended preparation steps given in [Before You Begin Installing the Patch](#).

If your current Prime Infrastructure implementation has High Availability enabled, follow the steps in [Installing the Patch With High Availability](#) instead of the steps below.

If you are currently using Prime Infrastructure without enabling High Availability, follow the steps below to install the patch.

Step 1 Download the patch file (PI_3_2_2_update_01-1.0.8.ubf), and save the file locally.

Step 2 Log in to the Prime Infrastructure server using an ID with administrator privileges and choose **Administration > Software Update**.

Step 3 Click **Upload Update File** and browse to the location where you saved the patch file. Click **OK** to upload the file.

Step 4 When the upload is complete:

- a. On the Software Upload page, confirm that the Name, Published Date and Description of the patch file are correct.
- b. Select the patch file and click **Install** .
- c. You will see a popup message indicating when the installation is complete. You should also see a listing for the patch in the “Updates” table, with a “Yes” opposite the patch under the “Installed” column, and a “Yes” under the

“Pending Restart” column.

Step 6 As a final step of the install process, the server restart will be triggered automatically (you don't need to manually execute ncs stop followed by ncs start)

Step 7 Verify that the patch is installed by logging into the server and choosing **Administration > Software Update** . You should see a listing for the patch in the “Updates” table, with a “Yes” opposite the patch under the “Installed” column, and a “No” under the “Pending Restart” column.

Installing the PI_3_2_2_update_01-1.0.8.ubf With High Availability

Make sure you have completed the recommended preparation steps given in [Before You Begin Installing the Patch](#).

If you are not using the Prime Infrastructure High Availability (HA) feature, follow the steps in [Installing the Patch](#) instead of the steps below

If your current Prime Infrastructure implementation has High Availability enabled, follow these steps for Patching Paired High Availability Servers. You must start the patch install with the primary server in “Primary Active” state and the secondary server in “Secondary Syncing” state.

Patching of the primary and secondary server takes approximately one hour. During that period, both servers will be down. If you have trouble at any point, see [Troubleshooting Patch Installs in HA Implementations](#).