Readme for Device Pack 4 for Cisco Prime Infrastructure 3.2

Revised: 01/05/2018

This Readme provides information on installing and upgrading, bug fixes, and additional documentation for Cisco Prime Infrastructure, Release 3.2.

Contents

Viewing New Devices Supported

To view the devices that are supported in this Device Pack, please see https://www.cisco.com/c/dam/en/us/td/docs/net_mgmt/prime/infrastructure/3-2/supported/devices/PI32-Supported-Device-List.xlsx

NBAR2 Protocol pack Update

For more details on the NBAR2 protocol pack update in Prime Infrastructure, please refer to Prime Infrastructure 3.2 User Guide.

For more details on the NBAR2 Protocol Pack, please refer to NBAR2 Protocol Pack 34.0.0 Release Notes.

Product Alert System Update

Device pack 4 contains the following files

1) Product Alert System Metadata Database dump file dated 10-October-2017
2) RBML file dated 17-October-2017

The database dump and RBML file is used by Prime Infrastructure to generate the following reports:

- Product Security Incident Response Team (PSIRT) report
- Hardware End of Life (HW-EOX) report
- Software End of Life (SW-EOX) report
- Field Notice (FN) report

System Requirements

Install the Device Packs on a server running Cisco Prime Infrastructure version 3.2.

Note: You cannot install this UBF on Cisco Prime Infrastructure version 3.1 or any earlier releases.

Package Details

Files	Description
Device-Pack-4-PI3.2-12.ubf	Updated Bundle File with Incremental Device Updates. File size: 147 MB

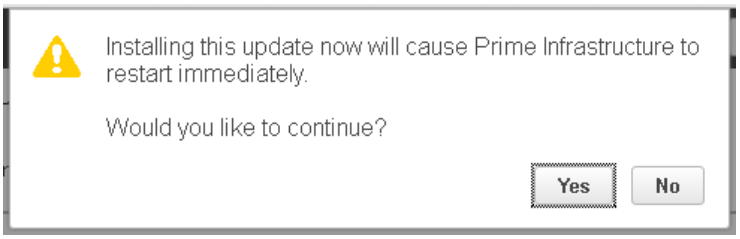
Device Packs Installation

You can install the Device Packs in one of two ways:

- From Cisco.com. See Installing the Device Packs from cisco.com.
- From a local storage. See Installing the Device Packs from cisco.com

Installing the Device Packs from cisco.com

1. Log in to the Prime Infrastructure 3.2 server.
2. Choose **Administration > Software Update**.
3. Click **Download**.
4. Log in with your cisco.com credentials to check for updates directly from the Prime Infrastructure server.
5. Select **Device-Pack-4-PI3.2-12.ubf** and click **Download**.
6. Click **Install** to install the Device Pack.
   A pop-up will be thrown to restart the Cisco Prime Infrastructure server automatically.



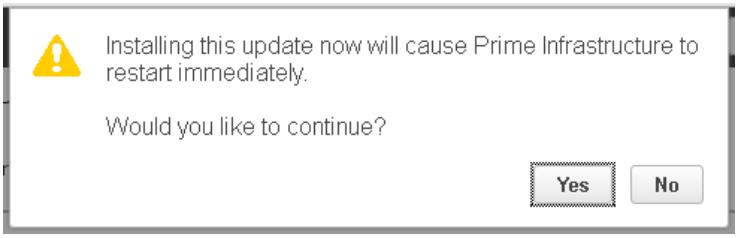
7. If you click **Yes** in the pop-up, the installation will continue and Prime Infrastructure will restart automatically after the installation.
8. If you click **No** in the pop-up, the installation will fail. You must click **Install** to continue the Installation.

Installing the Device Packs from Local Storage

You must install the Installer Update on Prime Infrastructure 3.2 before installing the latest Device Pack signed UBF from local storage.

1. Log in to Prime Infrastructure 3.2 server.
2. Choose **Administration > Software Update**.
3. Click **Upload**.
4. Click **Browse** and locate the Device-Pack-4-PI3.2-12.ubf file.
5. Click **Install** to install the Device Packs.

A pop-up will be thrown to restart the Cisco Prime Infrastructure server automatically.



6. If you click **Yes** in the pop-up, the installation will continue and Prime Infrastructure will restart automatically after the installation.
7. If you click **No** in the pop-up, the installation will fail. You must click **Install** to continue the Installation.

Note: If you previously added a device that is newly supported in this Device Pack, you need to delete the device from Prime Infrastructure and then add it again.

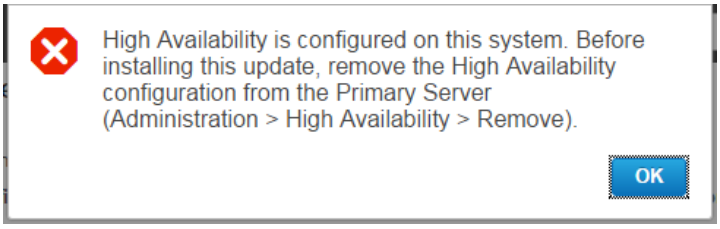
Installing the Device Pack on High Availability Mode

Download the Prime Infrastructure 3.2- Device Pack 4 Device-Pack-4-PI3.2-12.ubf and save the file in your local system.

To install the downloaded Prime Infrastructure 3.2- Device Pack 4 Device-Pack-4-PI3.2-12.ubf in High Availability mode follow the below steps:

Note: Prime Infrastructure 3.2 Device Pack 4 release can be applied only in primary and secondary standalone servers. The server will restart automatically once the installation is complete. The restart typically takes 25 to 35 minutes. You cannot apply Prime Infrastructure 3.2 Device Pack 4 when HA is enabled.

If you are installing Cisco Prime Infrastructure 3.2 Device Pack 4 on High Availability (HA) paired servers, you will get the following error message:



For more details, see Removing HA Via the GUI in the Cisco Prime Infrastructure 3.2 Administrator Guide.

- Continue the patching once HA removed completely. For more details, see the Patching New High Availability Servers section in the *Cisco Prime Infrastructure 3.2 Administration Guide*.

Troubleshooting Device Pack Release Installs in High Availability Implementations

If you are unable to apply this device pack release in a High Availability (HA) implementation, check whether your network bandwidth, throughput and latency meets the network requirements recommended in Network Throughput Restrictions on HA section in the *Cisco Prime Infrastructure 3.2 Administration Guide.* In a few cases, continued or intermittent throughput problems can cause a complete failure. If you believe this has occurred, contact Cisco TAC for support.

In all cases, you can use the **backup-logs** command on one or both servers to get information on the source of the failure. For more information, see the backup-logs section in the *Command Reference Guide for Cisco Prime Infrastructure 3.2*.

Caveats

- Cisco 5400 Enterprise Network Compute System has only basic support.
- Cisco Integrated Services Virtual Router support is available only for inventory and configuration archive.
- Cisco Industrial Ethernet 1000 Series Switches has only inventory support.
- Cisco Aironet 1830 has only inventory support.
- Following CLI templates will not work for SG/SF250, SG/SF350 and SG/SF550 devices
  - Banner Predefined
  - ACL Predefined
  - Configure logging Predefined
  - Reboot Predefined
- ISSU is not supported for 9400 Series and will be supported in future DP releases

Resolved Problems

Bugs Resolved in Device Pack 4

Bug ID	Summary	Device Platform
CSCvg70846	SWIM: System reboot is not working for Cat 4k.	Cat 4K Dual Sup
CSCvg99437	Prime Infrastructure 3.1.x : Config archive failing for IE 4010.	IE 4010
CSCvg81368	Prime Infrastructure 3.2 : Tx/Rx data is not showing for Port-Channels on Nexus devices.	Nexus

Bugs Resolved in Device Pack 1 to Device Pack 3

Bug ID	Summary	Device Platform
CSCvf55241	Prime Infrastructure 3.2 - Upgrade analysis always shows device RAM is 0.	C2960
CSCvg51526	Prime Infrastructure 3.2 - Set wrong boot variable path for 2960X SWIM activation.	C2960
CSCvf53932	Unable to see the sensor details for C3560CX.	C3560CX
CSCvf87226	SWIM distribution failure in INSTALL to INSTALL and BUNDLE to INSTALL mode in Catalyst 3850.	3850
CSCvf66940	SWIM allows invalid images to be deployed to 3850 XS switches.	3850
CSCvf95806	Image import fails for Catalyst 4500 with FTP.	Catalyst 4500
CSCvg18501	Prime Infrastructure fails to perform configuration archive for ASAs with Diffie-Hellman Group 14 configured as Key.	ASA
CSCvf39971	ASA-5585 shows an overflowing temperature when monitoring its Device Health.	ASA
CSCvg20279	Unable to deploy - CLI template for ASA device.	ASA
CSCve74412	Prime Infrastructure 3.1 - No device package found for the specific device for IE 4010 switches.	IE4010
CSCvg74813	Prime Infrastructure 3.2 - No device package found for the specific device for IE4010 switches.	IE4010 16S12P
CSCvf85310	Prime Infrastructure 3.1 - Rollback for N7k devices is in partial success in case of the banner motd has < symbol.	Nexus 7K
CSCvf87327	Prime Infrastructure - Rollback for N7k devices is in partial success In case the name server has special character.	Nexus 7K
CSCvf23468	Nexus 5672UP configuration archive failure.	Nexus 5672UP
CSCvf53786	N5648Q doesn't have image information and provide correct status of modules in Prime Infrastructure.	Nexus 5648Q
CSCve62949	Nexus devices shown wrong FLASH data in upgrade analysis report.	Nexus

Known Problems

Prime Infrastructure Device Pack issue:

Bug ID	Summary	Impacted Device
CSCvh24469	Config archive for ASR 9k is failing.	ASR 9K
CSCvd48225	Unable to upgrade Cat 4500 running with Sup5 in dual Sup mode.	Catalyst 4500
CSCve08505	Distribution will not work when catalyst 4507 in RPR mode.	Catalyst 4507 in RPR mode

Device Platform issue:

Bug ID	Summary	Impacted Device
CSCvd65726	Prime Infrastructure does not show the sensor value properly as device not returning value for the SNMP mib objectmibnsnmpsmicevSensor[142].	CDB
CSCve18887	Prime infrastructure does not show the module status as CDB device cli shows module status as NA.	CDB
CSCul35901	Install all command will fail in Nexus saying free space is less than threshold even if we have free space to copy another image.	Nexus

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see What's New in Cisco Product Documentation at: http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html.

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