Readme for Device Pack 11 for Cisco Prime Infrastructure 3.4

Revised: 02/08/2019

This Readme provides information on installing and upgrading, bug fixes, and additional documentation for Cisco Prime Infrastructure, Release 3.4.

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/3-4/supported/devices/PI34-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 3.4 User Guide.

For more details on the NBAR2 Protocol Pack, please refer to NBAR2 Protocol Pack 38.0.0 Release Notes.

Product Alert System Update

Device Pack 11 contains the following files
1) Product Alert System Metadata Database dump file dated 04-Dec-2018
2) RBML file dated 04-Dec-2018

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 3.4.

Note: You cannot install this UBF on Cisco Prime Infrastructure version 3.3 or any earlier releases.

Package Details

| Files	Description
Device-Pack-11-PI3.4-09.ubf	Updated Bundle File with Incremental Device Updates. File size: 150 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

Note: You must install Prime Infrastructure 3.4.1 before installing the Device Pack 11

Installing the Device Packs from cisco.com

1. Log in to the Prime Infrastructure 3.4 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-11-PI3.4-09.ubf and click **Download**.

6. Click **Instal**l to install the Device Pack.
   A pop-up will be thrown to restart the Cisco Prime Infrastructure server automatically.

Installing this update now will cause Prime Infrastructure to restart immediately.

Would you like to continue?

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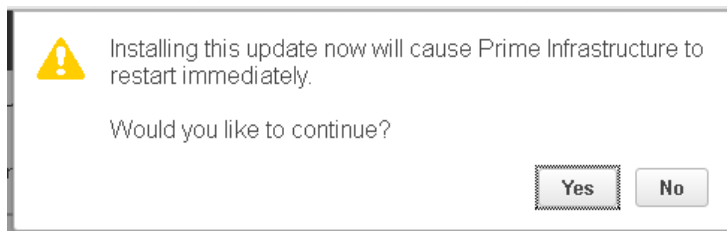
7. If you click **Yes** in the pop-up, the installation will continue and Prime Infrastructure will restart automatically after the installation.
8. If you click **No** in the pop-up, the installation will fail. You must click **Install** to continue the Installation.

Installing the Device Packs from Local Storage

1. Log in to Prime Infrastructure 3.4 server.

2. Choose **Administration > Software Update**.

3. Click **Upload**.

   Use one of the following options to upload the UBF file.

   a) Upload from local computer

   Click the **Upload from local computer** radio button in the **Upload Update** window.

   Click **Browse**, navigate to the file, and click **OK**. After the successful upload, the software will appear under the **Files** tab.

   b) Copy from server's local disk

   Click the **Copy from server's local disk** radio button in the **Upload Update** window.

   Click **Select** and choose the UBF file in **Select file from local disk** pop-up window and click **Select**. After the successful upload, the software will appear under the **Files** tab.

4. Click **Install** to install the Device Packs.
   A pop-up will be thrown to restart the Cisco Prime Infrastructure server automatically.
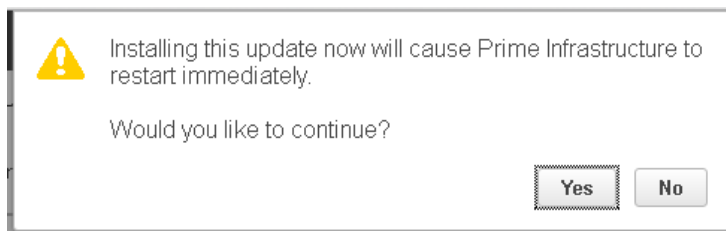
5. If you click **Yes** in the pop-up, the installation will continue and Prime Infrastructure will restart automatically after the installation.
6. If you click **No** in the pop-up, the installation will fail. You must click **Install** to continue the Installation.
Note: If you previously added a device that is newly supported in this Device Pack, you need to delete the device from Prime Infrastructure and then add it again.
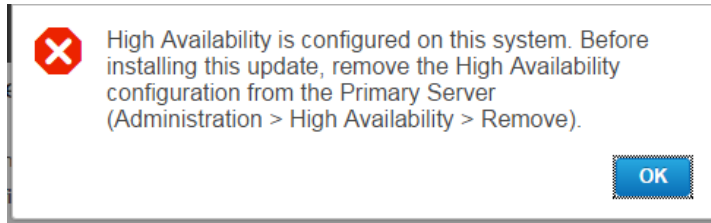
Installing the Device Pack on High Availability Mode

Download the Prime Infrastructure 3.4 Device Pack Device-Pack-11-PI3.4-09.ubf and save the file in your local system.

To install the downloaded Prime Infrastructure 3.4- Device Pack 11 Device-Pack-11-PI3.4-09.ubf in High Availability mode   follow the below steps:

Note: Prime Infrastructure 3.4 Device Pack 11 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 3.4 Device Pack 11 when HA is enabled.

If you are installing Cisco Prime Infrastructure 3.4 Device Pack 11 on High Availability (HA) paired servers, you will get the following error message:

> ❌ High Availability is configured on this system. Before installing this update, remove the High Availability configuration from the Primary Server (Administration > High Availability > Remove).
>
> **OK**

For more details, see Removing HA Via the GUI in the Cisco Prime Infrastructure 3.4 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 3.4 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 3.4 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 3.4.*

Caveats

- Following CLI templates will not work for SGXXX/SFXXX series 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

- Prime Infrastructure shows the maximum value of speed and duplex for the device interface if you configure speed and duplex as auto in the device

- Few devices does not support TFTP for copying image, if the file size exceeds 512 MB. In such cases, we recommend you to use FTP or SCP for copying image.

- SWIM operations aren't supported for Child VDCs of Nexus Device

Resolved Problems

Bugs Resolved in Device Pack 11

Bug ID	Summary	Device Platform
CSCvq29486	PI 3.4 with Device Pack 10 fails to set boot variable on 3850 stack switch running in bundle mode	Catalyst 3850
CSCvp52841	PI may be unable to SWIM distribute an image to an ASA 5585-X	ASA 5585-X
CSCvp45281	PI : SWIM deployment is failing for 3750	Catalyst 3750
CSCvq59675	Smart Flash Delete Before Distribution removes license files within flash directory.	Catalyst 3750
CSCvo93637	False change audit updated for config change in devices	All
CSCvp06032	IPv6 devices don't have address_address field populated with their IP in Protocolendpoint table	All

Bugs Resolved in Device Pack 1 to Device Pack 10

Bug ID	Summary	Device Platform
CSCvn96848	PI: Nexus 5K Port-channel Interface Descriptions not available in PI3.4 port groups	Nexus
CSCvj11205	PI is comparing two different devices archives to find difference between old and latest archives	All
CSCvk13624	Mismatch in interface name for ASA 5506 devices	ASA
CSCvj25741	PI SWIM allows deploying invalid images to 2960 switches.	Catalyst 2960
CSCvm05172	Cisco 881, 881W ISR G2 moving to Collection failure in PI 3.4 DP3	ISR 881
CSCvj93615	Inventory collection fails for Nexus with fex module which had device prompt starting with Number	Nexus

CSCvk22485	Software image activation from previous SWIM job is unavailable for managed VG224	VG 224
CSCvk51960	PI 3.4 with 3504 WLC: Config archive always "Partial success"	WLC 3504
CSCvm20972	Image recommendation from CCO is not working for 4500 series devices	Cat 4500 Sup II
CSCvm48128	Partial Collection Failure for SG220 switch in PI 3.4	SG 220
CSCvm79283	SG 500 device in partial collection due to flashdevice feature failing with Type Exception	SG 500
CSCvm90571	PI 3.4.1 DP5 // ASR 9XX IOS-XE version 16.7.1 - inventory fails to collect flash information	ASR9XX
CSCvn10643	Cli is not getting generated for ASR1002-111	ASR1002
CSCvn37633	For Cat 3650/3850 stacks, SWIM activation fails as PI gives auto-copy as part of activation command	Catalyst 3850/3650
CSCvn31674	Device deletion failing due to constraint(WCSDBA.FKE7664D023A000DDF) violation	Nexus
CSCvj11205	PI: PI doesn't detect imported 9.2.x image for Nexus 3548 device	Nexus 3548
CSCvn81920	Config archive fails for VG350 on PI 3.4	VG350
CSCvo00251	Partial Collection Failure for WAAS devices in Prime Infrastructure	WAAS

Known Problems

Prime Infrastructure Device Pack issue:

Bug ID	Summary	Device Platform
CSCvd48225	Unable to upgrade Cat 4500 running with Sup5 in dual Sup mode.	Catalyst 4500 Sup5
CSCve08505	Distribution will not work when catalyst 4507 in RPR mode.	Catalyst 4507 in RPR mode

| CSCvi53119 | Cat9k devices not shown in the device selection combo box while deploying ACL templates | Cat 9K |
| CSCvo15655 | Prime Infrastructure is not correctly polling power supply, fan, and sensor status from SG500X | SG/SF |

Device Platform issue

Bug ID	**Summary**	**Device Platform**
CSCvd65726	Prime Infrastructure will not show the sensor value properly as device not returning value for the SNMP mib objectmibnsnmpsmicevSensor[142].	CDB
CSCve18887	Prime infrastructure will 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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