

Readme for Device Pack 7 for Cisco Prime Infrastructure 3.0

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This Readme provides information on installing and upgrading, bug fixes, and additional documentation for Cisco Prime Infrastructure, Release 3.0.

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Viewing New Devices Supported

To view the devices that are supported in this Device Pack, please see

http://www.cisco.com/c/dam/en/us/td/docs/net_mgmt/prime/infrastructure/3-0/supported/devices/pi30-supported-devices-list.xlsx

NBAR2 Protocol pack Update

For more details on the NBAR2 protocol pack update in Prime Infrastructure, please refer to [Prime Infrastructure 3.0 User Guide](#)

For more details on the NBAR2 Protocol Pack, please refer to [NBAR2 Protocol Pack 16.0.0 Release Notes](#).

System Requirements

Install the Device Packs on a server running Cisco Prime Infrastructure version 3.0.

Note: You cannot install this UBF on Cisco Prime Infrastructure version 2.2 or any earlier releases.

Package Details

Files	Description
Device-Pack-7-PI3.0-23.ubf	Updated Bundle File with Incremental Device Updates. File size: 42 MB

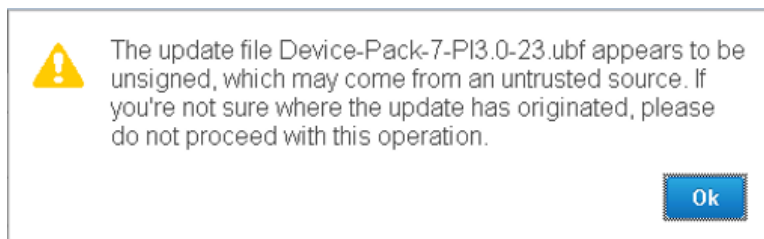
Device Packs Installation

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 3.0 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-7-PI3.0-23.ubf and click **Download**.
6. Once the download is complete, a warning message indicating the downloaded file as unsigned and suggesting to stop the installation process appears.



7. Click **OK** in the warning message.
8. Click **Install** to install the Device Packs.
9. Restart the Cisco Prime Infrastructure server to complete the installation process. See, [Restarting Prime Infrastructure](#) section in *Cisco Prime Infrastructure 3.0 Administration Guide*.

Installing the Device Packs from Local Storage

1. Log in to Prime Infrastructure 3.0 server.
2. Choose **Administration > Software Update**.
3. Click **Upload**.
4. Click **Browse** and locate the Device-Pack-7-PI3.0-23.ubf file.
5. Click **Install** to install the Device Packs.
6. Restart the Cisco Prime Infrastructure server to complete the installation process. See, [Restarting Prime Infrastructure](#) section in *Cisco Prime Infrastructure 3.0 Administration Guide*.

Note: You do not need to issue a restart immediately. However, the Device Packs will not work until the Prime Infrastructure server is restarted.

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 Packs in High Availability Mode

Download the Prime Infrastructure Device Pack **Device-Pack-7-PI3.0-23.ubf** from [Home > Products > Cloud and Systems Management > Routing and Switching Management > Network Management Solutions > Prime Infrastructure > Prime Infrastructure 3.0 > Prime Infrastructure Device Packs-3.0.7](#) and save the file in your local system.

To install the downloaded Prime Infrastructure Device Pack **Device-Pack-7-PI3.0-23.ubf** in High Availability mode follow the below steps:

- If you are setting up a new Prime Infrastructure High Availability (HA) implementation and your new servers are not at the same patch level, see the [Patching New High Availability Servers](#) section in the *Cisco Prime Infrastructure 3.0 Administration Guide*.
- If your current Prime Infrastructure implementation has High Availability servers that are not at the same patch level, or you have a new patch you must install on both your HA servers, see [Patching Paired High Availability Servers](#) section in *Cisco Prime Infrastructure 3.0 Administration Guide*.

Troubleshooting Device Packs Installs in High Availability Implementations

If you are unable to apply this device packs 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 3.0 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 3.0.

Caveats

- Cisco 829 Industrial Integrated Services Routers support only Inventory and Configuration Archive.
- Cisco Nexus 9372PX switch and Cisco Nexus 9372TX switch support only Inventory and Configuration Archive.
- Cisco Wide Area Virtualization Engines support only Inventory and Configuration Archive.
- Nexus 7702 support only inventory and Configuration Archive.
- ASR9912 Support only Inventory and Configuration Archive.
- SM-SRE-700-K9 support only Inventory and Configuration Archive.
- Catalyst 6848 supports only Inventory and Configuration Archive.
- WS-C4503-E Module support for Inventory and Configuration Archive.
- NAM 2420 and NAM2440 support is available only for Inventory and Configuration Archive.
- Cisco 819 Non-Hardened Secure Multi-mode 4G LTE M2M ISR Router with
OID:1.3.6.1.4.1.9.1.2232 support is available only for Inventory and Configuration Archive.

Resolved Problems

Bug ID	Summary	Device Platform
CSCuz64174	Prime Infrastructure 3.x - Missing links in topology with latest Device Package 4 and Device Package 5.	ALL
CSCuv77704	Configuration archive is failing for Cisco SG500-52P.	SG500
CSCuv81987	Login prompt parsing error - causes configuration archive failure.	3850
CSCuv91551	Post inventory collection failing for 2960x.	2960X
CSCuw34878	SWIM Distribution fails with 'incorrect parameter size error'.	3850
CSCuw41898	SWIM Distribution location: Master Flash to be selected manually for each device.	3850 stack
CSCuw03121	Prime Infrastructure 2.2.x - Device with smartport macro inventory fail.	2960
CSCuv77685	Configuration archive Job failed for Nexus7K.	Nexus 7K
CSCuv88943	Configuration archive fails for 3725 due to device prompt.	3725
CSCuw26895	SWIM Image recommendation is not returning for c2960x device.	C2960x
CSCuw78878	Configuration archive failing for MDS 9148.	MDS
CSCuw93479	Partial collection failure for Nexus device.	Nexus
CSCuw66612	Erase flash option in SWIM page is not deleting .pkgs in device flash.	3850
CSCux25610	Configuration template : Unable to add ACL template.	3850
CSCux12956	Devices missing in protocolendpoint DB table with Device Pack 1.	All
CSCuw45887	Prime Infrastructure need to translate multiple line switch port command to single line.	C4503-E
CSCux01803	SWIM FTP/SFTP deployment not supported in Prime Infrastructure 3.0.	ASA
CSCux30698	SWIM collection failure for 3750s.	3750
CSCux34369	Nano OID not available under Supported Device list in Prime Infrastructure 3.0.	ISR 4431
CSCuw81493	"Inv and config support alone" note is missing in supported device page in Prime Infrastructure 3.0.	NA
CSCuw12042	ASR903 Module Status is modeled as NA	ASR 903
CSCux25610	Configuration template :Unable to add ACL template	All
CSCux69147	Image Activation not working for ASA Devices	ASA

Bug ID	Summary	Device Platform
CSCux69626	Note "Inv and config support alone" missing in DP3 SDT UI for few device	NA
CSCuu45583	Prime Infrastructure Enhancement - SWIM support for ASAs over VPN tunnel	ASA
CSCux51533	IE3010 device boot path set incorrect after upgradation to .tar	IE3010
CSCux59197	Phone capability is not updated properly in CDPNeighborInfo	All
CSCux77866	Cisco UCS B Series device in Partial Failure due to http setting	UCS
CSCuy19591	Entries missing for many devices in protocolendpoint table of DP4 server	All
CSCuy52000	Inventory collection failure on ASR9k	ASR9k
CSCuy56359	Top N App: Legacy WLC Device IPAddress table is not getting populated.	WLC
CSCuq56641	VLAN name with space gets truncated in Prime.	
CSCuw67620	Prime Infrastructure failed to collect IPAddresses from MIB for ASA Device types.	ASA
CSCuw67672	Prime Infrastructure failed to collect VLANs from ASA Device.	ASA
CSCux76270	Wireless controller in HA mode, does not reboot after image distribution.	WLC
CSCux83585	ASR 9k verification does not show storage requirement.	ASR9K
CSCux93095	Image distribution is not working but job is marked as successful.	
CSCuy05495	Unable to import 3560CX images.	3560CX
CSCuy17328	VLAN feature is not presented in ASA device profile.	ASA
CSCuy43819	Configuration archive failing for IE4000 Series Switches.	IE4000
CSCuy55111	Configuration archive is not working on VSS devices.	
CSCuy57133	Inventory collection fails for a specific scenario with ASR.	ASR
CSCux93392	Prime Infrastructure 3.0.2 allowed VLANS has limitation of characters in VLAN Trunk.	All
CSCuy20231	Prime Infrastructure WAN interfaces are showing up with the incorrect Speed.	
CSCuy23648	Add PID for support of 3850 PnP.	3850
CSCuy74337	Inventory collection fails to collect ImageManagementOperation feature.	

Bug ID	Summary	Device Platform
CSCuy80595	Fan Status for standby member is not getting populated correctly.	Cat 4500x VSS
CSCuz11104	Configuration archive fails for the first command after "switchport trunk".	All
CSCuy12666	Interactive mode CLI template does not send final carriage return package to Nexus device.	Nexus
CSCux84802	Unexpected inventory collection failure occurs on switches.	All
CSCva81699	All Device Pack log statements must be printed on selecting proper log levels.	All
CSCva81478	Device credential validation results must be printed on selecting proper log levels.	All
CSCva14489	Unable to install DP6 on top of Prime Infrastructure 303 Update_1.	N/A

Known Problems

Bug ID	Summary	Impacted Device
CSCum51671	When you choose Device Work Center, select a device, click the Configuration Archive tab, select an archive, and then click Rollback, the job state is "partial success" because of the speed configuration.	ACE 4710
CSCum53556	When you choose Operate > Device Work Center and select a Cisco C819HG-4G device, the following menus do not appear: Device Details > System > VLANS Device Details > Interfaces > VLAN Interface.	C819HG-4G
CSCun68153	For MDS devices, the Name, Description, and Version ID do not match the CLI.	MDS
CSCun68392	For MDS devices, Power and Fan details are not displayed.	MDS
CSCum54011	When you choose Operate > Device Work Center and select a device, then click the Configuration Archive tab, select an archive, and click Rollback, the rollback fails.	Nexus 3064, Nexus 3548
CSCum53833	The Software Version information does not appear in the Device Details > System > Summary page.	NGA3140
CSCun71197	For SG 220 devices, Port Channel is not displayed under Ether Channel.	SG 220
CSCun76504	When you choose Operate > Detail Dashboards > Device Tab, then select a SG200 device and navigate to Device Health Information, the Device Temperature is Unknown.	SG 220

Bug ID	Summary	Impacted Device
CSCun71136	For SG 220 devices, some details in Module and Physical Port are missing.	SG 220
CSCun71174	For SG 220 devices, Ethernet Interface Speed Details is shown as zero.	SG 220
CSCun61846	Spanning Tree is not getting populated in the Spanning Tree tab of the Device Work Center.	SG220, SX220
CSCur35388	Partial Collection Failure occurs due to VLAN failures	NEXUS 4001I
CSCuy02982	Recommendation images not coming for the IR809 devices in Prime Infrastructure.	IR809
CSCuz69007	Configuration archive is not working on Catalyst 3560-CX series switches.	3560CX Switches
CSCuz73729	Unable to import "nxos images" via Prime Infrastructure.	Nexus 9k
CSCuz74519	Inventory partially fails on ASA-55xx on CDP/LLDP which it does not support.	ASA 55xx
CSCuz89124	Configuration archive is not working on Catalyst 2960-CX series switches	2960CX Switches
CSCva01239	Unable to upgrade 2960X/3750X switches in Prime Infrastructure 3.0.	2960X and 3750X switches

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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