



Cisco Prime Infrastructure 3.1.7 Release Notes

Introduction

This is the seventh maintenance release for Cisco Prime Infrastructure 3.1.

You can install Cisco Prime Infrastructure 3.1.7 Maintenance Release on Cisco Prime Infrastructure 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, and 3.1.6 versions. You must install Cisco Prime Infrastructure 3.1 Device Pack 6 or higher version over 3.1.x before installing Cisco Prime Infrastructure 3.1.7.

Prime Infrastructure 3.1.7 Maintenance Release file PI_3_1_7-1.0.16.ubf is approximately 1.19 GB. The downloading time depends on the available network connection in the enterprise environment. Ensure that you have adequate bandwidth and are not running into high latency issues.

Cisco End User License Agreement

This software is governed by the Cisco End User License Agreement available at the following URL:

http://www.cisco.com/c/en/us/td/docs/general/warranty/English/EU1KEN_.html

Cisco Prime Infrastructure 3.1 collects anonymous usage data to help improve the product. By using this product, you are providing your consent to collect your usage data.

For more information, or to opt out at any time, go to **Administration > Settings > System Settings > General > Help Us Improve**.

System Requirements

Supported Physical Appliance Environments

- Prime Infrastructure 3.1.7 is supported on the Cisco Prime Infrastructure Physical Appliance (Gen 2). For more information, see the [Physical Appliance Options](#) section in the *Cisco Prime Infrastructure 3.1 Quick Start Guide*.



- Prime Infrastructure 3.1.7 is supported on the Cisco Prime Infrastructure Physical Appliance (Gen 1). For more information on installation, upgrade, and migration from Prime Infrastructure 3.0.x to Prime Infrastructure 3.1.7 Gen 1 Appliance, see the [Prime Infrastructure 3.1.4 Generation 1 Upgrade and Migration Guide](#).

Supported Virtual Appliance Environments

- Prime Infrastructure 3.1.7 is supported on the Cisco Prime Infrastructure Virtual Appliance (VMware). For more information, see the [Understanding System Requirements](#) section in the *Cisco Prime Infrastructure 3.1 Quick Start Guide*.
- Prime Infrastructure 3.1.7 is supported on the Cisco Prime Infrastructure Virtual Appliance (Microsoft Hyper-V) For more details, see the [Cisco Prime Infrastructure 3.1.5 Installation and Migration Guide for Microsoft Hyper-V Virtual Machine](#).

Supported Web Client Requirements

For more information on the web client requirements, see the [Web Client Requirements](#) section in the *Cisco Prime Infrastructure 3.1 Quick Start Guide*.

Installation Guidelines

The following sections explain how to install the maintenance release.

- [Recommended Licensing Updates](#)
- [Before You Begin Installing the Maintenance Release](#)
- [Installing the Maintenance Release from Cisco Site](#)
- [Installing the Maintenance Release from Local Storage](#)
- [Installing the Maintenance Release in High Availability Mode](#)
- [Troubleshooting Maintenance Release Installs in High Availability Implementations](#)

Recommended Licensing Updates

Prime Infrastructure 3.1.7 supports token-based licensing model for Lifecycle and Assurance licenses. The license consumption is based on token weight per device type. For example, if you add an ASR 1001 device having token weight 3, the Lifecycle license/tokens consumed for managing the device is 3.

The token consumption is based on the number devices, for example for a stack switch having 4 switches the number of tokens consumed is 4.

Due to this token-based licensing, a Prime Infrastructure instance consumes more tokens than what were consumed before. To avoid this overhead to the existing customers, Prime Infrastructure 3.1.7 supports generation of a one-time grandfathered license file for managing the existing devices without the need to buy additional licenses. This special privilege is provided to the existing customers as a one-time activity upon installation of Prime Infrastructure 3.1.7 update on Prime Infrastructure 3.1. or 3.1.1. The grandfathering license privilege will not be available if you install Prime Infrastructure 3.1.7 on Prime Infrastructure 3.1.2, 3.1.3, 3.1.4, 3.1.5, or 3.1.6.

- You must have Prime Infrastructure 1.x or 2.x license or both 1.x and 2.x licenses to avail the grandfathering license privilege.
- The grandfathered license file is a permanent license file and can be added/downloaded like other license files.
- The grandfathered license file is encrypted and is not node locked.

To Avail the Grandfathered License Support

- Ensure Traditional Licensing is enabled.
 - Go to **Administration > Licenses and Software Updates > Smart Software Licensing**.
 - Choose **Traditional Licensing**.
 - Check whether the **Register** button is disabled to confirm the selection of Traditional Licensing.
- Ensure 1.x or 2.x permanent licenses are added.

Limitations

- Only 20,000 grandfathered tokens can be generated per Prime Infrastructure instance.
- Assurance tokens will be generated only when Assurance permanent licenses are added on a Prime Infrastructure instance before applying Prime Infrastructure 3.1.7.
- The number of grandfathered Assurance tokens generated is same as the number of grandfathered Lifecycle tokens.

After installing Prime Infrastructure 3.1.7, you can check the token consumption per device type in the **Traditional Licensing Dashlet** under **Administration > Dashboards > Licensing Dashboard**.

Before You Begin Installing the Maintenance Release



Caution

Once you install this maintenance release, you cannot un-install or remove it.

Since the maintenance release 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 maintenance release installation to fail.

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

To restore the backup of the Prime Infrastructure 3.1 installation, follow these steps:

1. Reinstall Prime Infrastructure 3.1 from an OVA or ISO distribution.
2. If the backup is a Prime Infrastructure 3.1 backup, restore the backup on Prime Infrastructure 3.1 server before applying the Maintenance Release 3.1.7.
3. If the backup is taken on a Prime Infrastructure 3.1.x server, install Prime Infrastructure 3.1.7 and then restore the backup.

Similarly, if you are running Prime Infrastructure 3.1 in a Virtual Machine (VM) and your organization permits taking VM snapshots, stop Prime Infrastructure and use the VMware client to take a VM snapshot before applying this maintenance release. Store the snapshot in an external storage repository, and restore from the snapshot if the maintenance release installation is unsuccessful. For more details, see [Restoring From Application Backups](#) in the *Cisco Prime Infrastructure 3.1.5 Administration Guide*.

If you are installing this maintenance release as part of a High Availability (HA) implementation, see [Before You Begin Setting Up High Availability](#) in the *Cisco Prime Infrastructure 3.1.5 Administration Guide*.

**Note**

Cisco Prime Infrastructure 3.1.5 Administrator Guide is the latest version available on CCO in the Cisco Prime Infrastructure 3.1.x series.

Installing the Maintenance Release from Cisco Site

**Caution**

If you have a High Availability (HA) environment, remove the HA setup before proceeding to install this Maintenance Release. For more details, see [Installing the Maintenance Release in High Availability Mode](#).

Make sure that you have completed the recommended preparation steps given in [Before You Begin Installing the Maintenance Release](#) and [Recommended Licensing Updates](#).

To install Cisco Prime Infrastructure 3.1.7 from the Cisco site, follow these steps:

- Step 1** Log in to the Prime Infrastructure 3.1 server.
- Step 2** Choose **Administration > Licenses and Software Updates > Software Update**.
- Step 3** Click **Download**.
- Step 4** Log in with your cisco.com credentials and click **Yes** or **No** in the **Remember Credentials** pop-up dialogue box.
- Step 5** Click **Show Details** in the **Critical Fixes** pane to view the updates.
- Step 6** Click **Download** corresponding to the Prime Infrastructure 3.1.7 Maintenance Release file name **PI_3_1_7-1.0.16.ubf**.
- Step 7** Click **Install** to install the maintenance release.
- Step 8** Click **Yes** in the popup dialogue box to install Cisco Prime Infrastructure 3.1.7. It may take approximately 1 hour for the installation process to complete.

**Note**

Do not manually restart the server while the installation is in progress.

- Step 9** You can verify the maintenance release installation from Prime Infrastructure Login under **Critical Fixes** by clicking **View Installed Updates** and also by logging into the server and choosing **Administration > Software Update**. You should see a listing for the maintenance release in the **Updates** tab, with **Installed** in the Status column.

**Note**

All Maintenance Releases are cumulative in nature and usually involve updates to database; it generally takes more time to upgrade a Prime Infrastructure 3.1 server to Prime Infrastructure 3.1.7 as compared to an environment in which a Prime Infrastructure 3.1.x is upgraded to Prime Infrastructure 3.1.7.

Installing the Maintenance Release from Local Storage



Caution

If you have a High Availability (HA) environment, remove the HA setup before proceeding to install this Maintenance Release. For more details, see [Installing the Maintenance Release in High Availability Mode](#).

Make sure that you have completed the recommended preparation steps given in [Before You Begin Installing the Maintenance Release](#) and [Recommended Licensing Updates](#).

To install Cisco Prime Infrastructure 3.1.7 from the local storage, follow these steps:

-
- Step 1** Download the Prime Infrastructure 3.1.7 Maintenance Release **PI_3_1_7-1.0.16.ubf** from [Home > Products > Cloud and Systems Management > Routing and Switching Management > Network Management Solutions > Prime Infrastructure > Prime Infrastructure 3.1 > Prime Infrastructure Patches-3.1.7](#) and save the file in your local system.
 - Step 2** Log in to Prime Infrastructure 3.1 server.
 - Step 3** Choose **Administration > Licenses and Software Updates > Software Update**.
 - Step 4** Click **Upload** and browse to the location where you have saved the maintenance release file. Click **OK** to upload the file.
 - Step 5** In the **Status of Updates** pane, click the **Files** tab and check whether **PI_3_1_7-1.0.16.ubf** is listed under **FileName** column.
 - Step 6** In the **Critical Fixes** pane, click **Install**.
 - Step 7** Click **Yes** in the popup dialogue box to install Cisco Prime Infrastructure 3.1.7. It may take approximately 1 hour for the installation process to complete.



Note

Do not manually restart the server while the installation is in progress.

- Step 8** You can verify the maintenance release installation from Prime Infrastructure Login under **Critical Fixes** by clicking **View Installed Updates** and also by logging into the server and choosing **Administration > Software Update**. You should see a listing for the maintenance release in the **Updates** tab, with **Installed** in the Status column.



Note

All Maintenance Releases are cumulative in nature and usually involve updates to database; it generally takes more time to upgrade a Prime Infrastructure 3.1 server to Prime Infrastructure 3.1.7 as compared to an environment in which a Prime Infrastructure 3.1.x is upgraded to Prime Infrastructure 3.1.7.

Installing the Maintenance Release in High Availability Mode

Download the Prime Infrastructure 3.1.7 Maintenance Release **PI_3_1_7-1.0.16.ubf** from [Home > Products > Cloud and Systems Management > Routing and Switching Management > Network Management Solutions > Prime Infrastructure > Prime Infrastructure 3.1 > Prime Infrastructure Patches-3.1.7](#) and save the file in your local system.

To install the downloaded Prime Infrastructure 3.1.7 Maintenance Release **PI_3_1_7-1.0.16.ubf** in High Availability mode follow the below steps:

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



Note

Prime Infrastructure 3.1.7 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 3.1.7 when HA is enabled.

- If you are installing Cisco Prime Infrastructure Maintenance Release 3.1.7 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).



For more details, see [Removing HA Via the GUI](#) in the Cisco Prime Infrastructure 3.1.5 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 3.1.5 Administration Guide*.

Troubleshooting Maintenance Release Installs in High Availability Implementations

If you are unable to apply this maintenance 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 3.1.5 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.

If you are unable to verify that this maintenance release has been successfully installed on a Prime Infrastructure server, or one or both of the servers fails to restart properly after installing the maintenance release, you may need to re-image the server as explained in [Before You Begin Installing the Maintenance Release](#) before continuing.

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 3.1*.

Renewing AAA Settings After Installing a New Prime Infrastructure Version

If you are using external RADIUS or TACACS+ user authentication, before migrating your existing data to a new version of Prime Infrastructure, you must transfer the expanded Prime Infrastructure user task list to your AAA server. After you upgrade Prime Infrastructure, you must re-add any permissions on the TACACS+ or RADIUS server and update the roles in your TACACS server with the tasks from the Prime Infrastructure server. For more details, [Setting the AAA Mode](#) section in the *Cisco Prime Infrastructure 3.1.5 Administration Guide*.

Migrating from Previous Releases of Cisco Prime Infrastructure

You can restore the backup from following Prime Infrastructure versions to Prime Infrastructure 3.1.7:

- Cisco Prime Infrastructure 3.0.0.78
- Cisco Prime Infrastructure 3.0.1
- Cisco Prime Infrastructure 3.0.2
- Cisco Prime Infrastructure 3.0.3
- Cisco Prime Infrastructure 3.1.0.0.132
- Cisco Prime Infrastructure 3.1.1
- Cisco Prime Infrastructure 3.1.2
- Cisco Prime Infrastructure 3.1.3
- Cisco Prime Infrastructure 3.1.4
- Cisco Prime Infrastructure 3.1.5
- Cisco Prime Infrastructure 3.1.6

If you are running multiple previous releases of Prime Infrastructure (for example, you are running version 3.0.0.78 and 3.0.1, 3.0.2, 3.0.3, 3.1.0.0.132), you must select one version from which to restore data.

See [Before You Migrate Your Data](#) in the [Cisco Prime Infrastructure 3.1 Quick Start Guide](#) before you restore your data from Prime Infrastructure 3.0.x or 3.1 to your newly installed Prime Infrastructure 3.1.7 server:

You can apply the Cisco Prime Infrastructure 3.1.7 over Cisco Prime Infrastructure 3.1 upgraded server. For detailed information about upgrading from previous releases of Prime Infrastructure, including the list of versions from which you can upgrade, see the [Upgrading From Previous Releases of Prime Infrastructure](#) section of the *Cisco Prime Infrastructure 3.1 Quick Start Guide*.

Submitting Feedback

Your feedback will help us improve the quality of our product. You must configure the email server and then enable data collection to configure the feedback tool. To send your feedback, follow these steps:

-
- Step 1** If you have configured your mail server, go to Step 4.
 - Step 2** Choose **Administration > Settings > System Settings > Mail and Notification > Mail Server Configuration**.
 - Step 3** In the Mail Server Configuration page, enter the mail server details, then click **Save** to save the configuration settings.
 - Step 4** Choose **Administration > Settings > System Settings > General > Help Us Improve**.
 - Step 5** In the Help Us Improve Cisco Products page, select **Yes, collect data periodically**, then click **Save**.
 - Step 6** Click the Settings icon, then select **Feedback > I wish this page would ...**
 - Step 7** Enter your feedback, then click **Submit Feedback**.
-

Prime Infrastructure Licenses

For detailed information on procuring a license for Prime Infrastructure, see the [Cisco Prime Infrastructure 3.1 Ordering and Licensing Guide](#).

Supported Devices

To see the list of devices supported in this release of Prime Infrastructure, follow these steps:

-
- Step 1** Log in to Prime Infrastructure.
 - Step 2** Click **Settings** to see the list of settings options
 - Step 3** Click **Supported Devices List** under **Help**.
-

You can also view the Cisco Prime Infrastructure 3.1 Supported Devices list at the following URL:

<http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-infrastructure/products-device-support-tables-list.html>

For detailed information on the software compatibility for the Cisco wireless devices, see the following URL:

<https://www.cisco.com/c/en/us/td/docs/wireless/compatibility/matrix/compatibility-matrix.html>

New Features and Enhancements

This section provides a brief description of new features and enhancements in this release.

Cisco WAAS Containers

Allows you to select multiple Cisco WAAS devices. If you have chosen same Cisco WAAS devices in the Device Selection area, you can select the profile using the Resource Profile drop-down list. If you have chosen different Cisco WAAS devices in the Device Selection area, the Resource Profile drop-down list will be hidden in the Service Container Parameter area. You need to select the profile for each of the selected devices in the Device Specific Parameters area, and click Save.



Note

For ISR 4321, you must install Device Pack 13 or above over Cisco Prime Infrastructure 3.1.7.

Important Notes

- In addition to installing Prime Infrastructure 3.1.7 on Prime Infrastructure instances, make sure that you also install Prime Infrastructure 3.1.7 on Prime Operations Center.
- Prime Operations Center 3.1.7 manages Prime Infrastructure 3.1.x. You must ensure that Prime Operations Center version is the same as the version of the Prime infrastructure instances that it manages. For more details, see [Setting Up Operations Center](#) in *Cisco Prime Infrastructure 3.1.5 Administrator Guide*.

You can install Prime Infrastructure 3.1.x on operations center from the Cisco Site, or local storage. You can also install the update in high availability mode if the high availability is available on Prime Operations Center. For more details on how to install the update, see [Installation Guidelines](#).

After installing the update, enable HA for Operations Center. For more details, see [Enabling HA for Operations Center](#) in *Cisco Prime Infrastructure 3.1.5 Administrator Guide*.

- When Prime Infrastructure is integrated with an APIC-EM server and the Plug and Play profile created by Prime Infrastructure is deleted due to any of the following reasons, the PnP profile create, edit, or status monitor will fail:
 - By logging into the APIC-EM server and the PnP profile is deleted.
 - A later version of APIC-EM is installed and it is integrated again with Prime Infrastructure that does not have Plug and Play profiles created on it earlier.
 - Upgraded APIC-EM causes loss of data that Prime Infrastructure had created earlier.

The workaround for this problem is you should synchronize the data manually by:

- Deleting and recreating the profile again after adding APIC-EM.
- Exporting as CSV and importing it back after creating the corresponding profile for all profiles or device profiles.
- Creating the profiles or device profiles using the user interface.
- Access Network Workflow—If you could not find the scrollbar in any of the Access Network workflow pages on MAC OS, go to **System Preferences > General** and set the **Show scroll bars** option to **Always**.
- IWAN Workflow—The Interfaces values will not show on the drop-down list in the IWAN configuration page, if you choose **All Selected Devices** option. If you choose any particular device, the drop-down list will show the interface details corresponding to the selected device.

- You might observe a performance impact (slow/sluggish response) while accessing the **Network Health** page from **Dashboard** in Prime Infrastructure server if there are more than 999 location groups and if you choose **All Locations** instead of selecting a specific location group under **Dashboard > Network Summary > Network Health > Site**.
- Alarm Notification—Prime Infrastructure sends alarm notification email for the first instance of an alarm and the subsequent notification is sent only if the alarm severity is changed.
- Software Image Management:
 - If you add TFTP protocol with a wrong home directory and click **Verify Credentials**, as expected the status will report a **Failure** only if you have installed Cisco Prime Infrastructure Device Pack 7 on Cisco Prime Infrastructure 3.1.5.
 - If you want to import images using FTP alone, you must install Prime Infrastructure Device Pack 10 or higher version over Prime Infrastructure 3.1.7.
- **Monitoring Unified Access Points**—Packet capture will happen only if the AP and FTP are in the same subnet.
- **Compliance Policy**—You can import policy containing double quotes in violation message tag. But, you must not use double quotes in violation message while creating the policy. To import the policy containing double quotes in the violation message, do the following:
 - Export the problematic policy
 - Delete the problematic policy
 - Import the exported policy
- If the Compliance violation for the Professional virtual appliance exceeds 80000, the compliance job will not show any data.
- Use the following workaround if wireless AP provisioning is not working when APIC-EM GA Release 1.5.0.x is integrated with PNP.
 - Uninstall APIC-EM GA Release 1.5.0.
 - Download the APIC-EM iso file ([APIC-EM-1.4.3.1009.iso](#)) and APIC-EM upgrade package ([apic_em_update-apic-GA5-1.5.0.1368.tar.gz](#)) from Cisco.com.
 - Install APIC-EM GA Release 1.4.3.1009.
 - Once the server is up and running, login to the APIC-EM server as an administrator.
 - Click settings icon.
 - Click **Settings** under **APIC-EM**.
 - In the left panel, click **Update** under **Controller Settings**.
 - Drag and drop the downloaded **apic_em_update-apic-GA5-1.5.0.1368.tar.gz** file to the **Drag & Drop Release Upgrade Package** file area.

Open Caveats

[Table 1](#) lists the Open Caveats in Cisco Prime Infrastructure Release 3.1.7.

Click the identifier to view the impact and workaround for the caveat. This information is displayed in the Bug Search Tool. You can track the status of the open caveats using the [Bug Search Tool](#).

Table 1 Open Caveats

Identifier	Description
CSCuu78607	Speed rule with mb/s in port group does not filter correctly.
CSCux01388	It takes five minutes to create a virtual domain of 500 devices.
CSCux79124	Failure source not reflected for link down alarms.
CSCuy17727	Enhancement to remove duplicate items from the table if they have been added already.
CSCuy43264	When converting a switch from Standalone to VSS mode with SCP server as backup option, the VSS conversion is successful every time even if you enter invalid data in the input fields and credentials.
CSCuy45093	Certificate Revoke fails if the certificate is installed by Plug and Play (APIC-EM) and the device credentials don't match the global credentials defined in APIC-EM.
CSCuy64517	You cannot perform Packet Capture - Copy To/Merge from non-root users.
CSCuy69105	Prime Infrastructure performance - After Template creation it takes 10 sec for page navigation.
CSCuy69984	Evaluation of Apache Tomcat Vulnerabilities.
CSCuy83031	HA registration works only without virtual IP. HA registration fails when you try to configure virtual IP. This is applicable for dual NIC scenario.
CSCuy86411	Event window update takes too long when the user moves the scroll bar.
CSCuz46409	Prime Infrastructure ncsDiag page is accessible to all root users.
CSCuz60817	Deleting maps takes a long time and Prime Infrastructure logs out due to inactivity.
CSCum90642	Cisco 5760 Wireless LAN Controller and Cisco 3850 Switch responding slow to SNMP/CLI with multiple NMS servers.
CSCuz70709	NFS error not clear.
CSCva20201	Registering smart licensing with valid URL fails after registering smart licensing with invalid URL.
CSCva21647	Profile instance is not deleted from APIC-EM.
CSCva22834	ApRssiMeasurementPoller design and implementation uses an inefficient count query per every MacAddress to determine whether to Poll the AP or skip it.
CSCva37311	An error occurs when planning mode is selected for site maps in Cisco Prime Infrastructure 3.1.
CSCva42632	Correlation debug options need to be added to trace logging page.
CSCva49575	Cisco Prime Infrastructure 3.1.1 cannot create a PnP Profile if APIC-EM and Prime Infrastructure are out of sync.
CSCva62067	Primary stand-by startup failed HM events during force failover.
CSCva83270	MSE does not sync WLC that has IPv6 APs.
CSCvb65055	Managed IP address of device changed in inventory after 24 hrs added via PnP.
CSCvb66585	Grandfathering does not always work with vintage Prime Infrastructure licenses.
CSCvb77514	HA Failover/Failback cache rebuilding using multi-threading.
CSCvb92441	Prime Infrastructure 3.1 with DP – SWIM job fails for 5760 device in install to install mode.
CSCvb92550	Prime Infrastructure 3.1.4 UBF: Proper ERROR has to be shown for DB copy failure due to network disconnection.
CSCvc13692	Hyper-V: Admin CLI Password Recovery Failed.
CSCvc66470	Failback to new primary fails - shows Error:Null in secondary HM.
CSCvc60341	Root-provider getting removed causing login failure.

Table 1 Open Caveats (continued)

Identifier	Description
CSCvc24922	Prime Infrastructure 3.1 - some of the job triggers are not updated after Prime Infrastructure restart.
CSCvc85327	Image import from CCO fails if user does not sign up EULA agreement.
CSCvc90153	Cisco catalyst 3850 and 5760 requires user manual boot and reload otherwise device will be in SWIM deadlock state.
CSCvd78128	Prime Infrastructure 3.1/3.2: CAD conversion of the given drawing file stops NMS.
CSCvf03671	AP provisioning is not working with new APIC-EM GA Release 1.5.0.1368.

Resolved Caveats

[Table 2](#) lists the bugs resolved in Prime Infrastructure 3.1.7

Click the identifier to view the impact and workaround for the caveat. This information is displayed in the Bug Search Tool. You can track the status of the resolved caveats using the [Bug Search Tool](#).

Table 2 *Resolved Caveats*

Identifier	Description
CSCuy94394	Failover Failure with dataguard error (Secondary server down for more than 24 hours).
CSCuz92908	Prime Infrastructure 3.1.1: medium RHEL 6 / 7: ntp (RHSA-2016:1141).
CSCva53494	Prime Infrastructure 3.1 - inline-upgrade: Start up failure for audit service.
CSCva53551	Prime Infrastructure 3.0 - Start up failure for dbus-daemon due to 'dbus ' user non existence.
CSCvb48595	Evaluation of ncs vulnerability for Openssl September 2016.
CSCvb96696	Alarm severity levels are not displayed for Link down alarm policies.
CSCvc06009	Prime Infrastructure - Custom text in the subject line and body of email configuration does not survive for reload.
CSCvc23894	Cisco Prime Infrastructure and Evolved Programmable Network Manager XML Injection vulnerability.
CSCvc28927	Additional email notification for flapping events during suppression policy is turned on.
CSCvc35311	Client MAC address-username mappings throws an error when edit is disabled and mapping entry is removed.
CSCvc35363	Cisco Prime Infrastructure and Evolved Programmable Network Manager Reflected Cross-Site scripting vulnerability.
CSCvc45125	Syslog of SG-500 does not appear in Prime Infrastructure 3.1.
CSCvc59528	Changing HA authkey from secondary causes Operations Center breakage.
CSCvc60031	Cisco Prime Infrastructure Information disclosure vulnerability.
CSCvc60041	Cisco Prime Infrastructure Information disclosure vulnerability.
CSCvc60341	Removal of Root-provider causes login failure.
CSCvc61003	Archive logs filled up made multiple Prime Infrastructure servers inaccessible.
CSCvc72521	Post Prime Infrastructure 3.1 - Upgrade root user unable to access Prime Infrastructure pages.
CSCvc82853	Account settings cisco.com credentials user is never deleted.
CSCvc84486	Unable to delete multiple devices due to deadlock in DMVPN Session.
CSCvc88890	Unable to download log bundle when Smart Software Licensing is enabled.
CSCvc94641	Evaluation of Prime Infrastructure for OpenSSL Jan 2017.
CSCvc94929	Prime Infrastructure 3.x - Serial Console Access to Gen-1 and Gen-2 is denied.
CSCvd00945	Unable to delete multiple devices with SNMP connectivity failed.
CSCvd02361	Prime Infrastructure 3.1.4: Heatmap is not shown for Autonomous AP after applying update patch.
CSCvd10139	Server with DNS name is not launching after HA registration.
CSCvd13262	Cisco Prime Infrastructure API - AP Uptime value discrepancies.
CSCvd14338	End User Summary report is not displaying any data.

Table 2 Resolved Caveats

CSCvd16658	High availability secondary server name does not allow more than 32 characters.
CSCvd20043	Prime Infrastructure 3.1.5 - Wrong display of device summary for 3850 switch.
CSCvd22795	Prime Infrastructure 3.1.5 - HA registration fails with an error "Invalid IP address of secondary server".
CSCvd31238	Prime Infrastructure 3.1.4 - AP Inventory report splits the information over multiple files.
CSCvd34804	Catalyst 6500 Switch unable to delete from Prime Infrastructure 3.1.4.
CSCvd40910	Prime Infrastructure 3.1.5 - Stale SD is not allowing the blank VDs to be deleted from Prime Infrastructure.
CSCvd42176	Saved interface utilization report does not use selected port group when run.
CSCvd49223	Some discrepancies seen in Busiest client report when compared with Client session report.
CSCvd64731	Device OS version mismatch on PSIRT device tab report.
CSCvd65466	Prime Infrastructure: Unable to specify special characters in the Proxy User Name.
CSCvd67010	Under config user Group reports task list is not shown.
CSCvd70954	Prime Infrastructure 3.1.5: Location Group page displays groups that are out of hierarchy.
CSCvd71172	TransientObjectException for Wireless Controllers.
CSCvd73385	Channel utilization graph name needs to be changed as channel interference utilization.
CSCvd76147	'Disable Clients' and 'Remove Clients' functionality remains after permissions are unchecked and saved.
CSCvd78098	Secondary active web interface 'root' Login to secondary fails.
CSCvd78128	Prime Infrastructure 3.1/3.2: CAD conversion of the given drawing file stops NMS.
CSCvd78709	LWAPP template improperly selects devices with % added for filtering.
CSCvd83000	Prime Infrastructure 3.1.5 - Client events for last 24 hours is not showing for 24 hours.
CSCvd83065	Prime Infrastructure is unable to add Lync server in Services / Application Visibility Control / Lync Monitoring.
CSCvd93956	Mismatched task lists causes TACACS login failure.
CSCvd94034	Prime Infrastructure 3.1.5 - Accuracy analysis fails with exception.
CSCvd95672	Incorrect device grouping in SWIM and Network devices.
CSCvd99591	Device Work Center: Editing the TCP port of a device with Credential Profile fails.
CSCve01100	SWIM distribution fails when we try distribution for two Catalyst 3850 devices.
CSCve02682	SSID data from all virtual domains are visible in reports.
CSCve04553	Duplicate configuration group shown in UI.
CSCve12489	DNS name changed to IP address after logging in SSO Mode.
CSCve25282	APIC PnP Status job specification created in Prime Infrastructure 3.0 does not get cleaned up during restore.
CSCve27966	Wrong Interface count in Detail Hardware report.
CSCve28519	wIPS Workflow: Prime Infrastructure 3.1.5 - Wireless Security templates is limited to 20 entries.
CSCve30724	Prime Infrastructure 3.1.6 - Map export fails on Radio Power NULL value.
CSCve31748	Legacy Maps - For some maps, building view is blank.
CSCve34989	Unique Client report shows 1969 dates, duplicate entries and multiple open sessions of client.
CSCve38087	Current Configuration of device is not updated with the latest Config Archive collection.

Table 2 Resolved Caveats

CSCve38529	Devices are managed with DNS name in Prime Infrastructure. If IP associated to DNS name is changed then it moves to SNMP failure.
CSCve39324	Virtual domain changes when TACACS user logs out and logs back in.
CSCve44906	Prime Infrastructure 3.1.4: Unable to delete LG. Transaction rolled back as LG is under non-existing VD.
CSCve45842	Prime Infrastructure 3.1.x: Unable to add access point when logged into a non-root domain.
CSCve47074	Cisco Prime Infrastructure HTML injection vulnerability.
CSCve47101	Post-PnP is not working for IR-809 Routers.
CSCve49435	Child VDCs are getting deleted at Nexus7k device automatically even-though they are managed properly.
CSCve49462	Cisco 4321 Integrated Services Router collection failure in Prime Infrastructure 3.1.5 update 01 + DP 11.
CSCve50758	Device deletion fails.
CSCve55598	Upgraded long path - Remove Deploy and Design monitoring template Access tasks.
CSCve55612	Upgraded long path - Remove Handover Server Management and Monitor Handover Server tasks.
CSCve55625	System Monitoring Reports Read Only.
CSCve55646	Mismatch on task list for customer upgrading from previous versions to 3.1.
CSCve59318	Poller jobs stuck in running state.
CSCve61235	Prime Infrastructure 3.1.6 - After editing the credential profile, device sync still use old credentials.
CSCve62739	100+ Wireless LAN Controller devices go to wrong credentials using credential profile.
CSCve68702	After upgrading Nexus 5K (5672) to 7.3.2, Prime Infrastructure does not show the correct version.
CSCve70017	Inventory jobs pick wrong scheduled time and date when set for once in 50-days.
CSCve70220	Solution: MSE synchronization issue with Prime Infrastructure.
CSCve70281	Unique Client report shows duplicate and multiple open sessions of the Client.
CSCve74373	Prime Infrastructure executes 'switch to vdc' command on Nexus 9K, but Nexus 9K has only one default vdc.
CSCve74572	Prime Infrastructure: 3.1.5 - Unable to view CDP neighbor devices if logged in to non root domain.
CSCve74859	Prime Infrastructure 3.1.5 - Cannot display the PfR monitoring topology properly.
CSCve76606	NorthBound Interface encodes the \$cWNotificationSourceDisplayName field incorrectly.
CSCve77240	Prime Infrastructure:3.1.6 - Creation of subgroup fails with UDF device criteria='dg'.
CSCve77341	APIC PnP Status job fails for NPE and results in provisioning failure.
CSCve79256	More than 100 dmm_pruningservicedata table entries are missing when the database is recreated.
CSCve80272	Prime Infrastructure 3.1.6 - Controller Configuration Backup job fails configured to an external FTP server.
CSCve82464	Map error occurs if floor/building exceeds dimensions of building/campus.
CSCve83313	Lightweight AP template is missing for non root user.
CSCve88253	Prime Infrastructure 3.x Maps produce LG Civic Locations with unacceptable characters, disrupting LG hierarchy.
CSCve89268	The disclaimer in Japanese is corrupted after saving the changes for the guest user.
CSCve91380	User defined groups with rules 'is blank'/'is not blank' are not updated properly on inventory update.
CSCvf02626	Custom CLI templates with database variables can give error upon deployment.

Table 2 Resolved Caveats

CSCvf09008	FlexConnect Group Template loses the Access Points and/or WLAN-to-VLAN mappings when the template is saved.
CSCvf14611	wIPS Profiles - Profile Assignment Details mismatch between the total count and entries in the list.
CSCvf19715	Prime Infrastructure 3.1.5 - Scheduled jobs failing with NumberFormatException in nms-sys-error logs.
CSCvf20929	Unable to add Policy Rules after a limit in Zone based Firewall CLI Template.
CSCvf30973	Conditional check boxes always remains selected in PnP deployment template.
CSCvf31846	Few jobs stuck in the past, doesn't get re-triggered during the next time interval automatically.
CSCvf32009	AAP - AP Radio Downtime Summary report Issues.
CSCvf35744	High throughput template import is success, but the template is corrupted.
CSCvf37982	Prime Infrastructure API RFStats returns incorrect txPowerOutput values.
CSCvf41084	SNMP_TRANSPORT attribute is set to UDP (in uppercase) which impacts inventory.
CSCvf75074	Prime Infrastructure Groups: XGS_GROUP.GROUPNAMEHIERARCHY requires cleanup for leftover ampersands.

Related Documentation

You can access additional Cisco Prime Infrastructure documentation at:

http://www.cisco.com/en/US/products/ps12239/tsd_products_support_series_home.html

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>.

Subscribe to *What's New in Cisco Product Documentation*, which lists all new and revised Cisco technical documentation, as an RSS feed and deliver content directly to your desktop using a reader application. The RSS feeds are a free service.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2012-2017 Cisco Systems, Inc. All rights reserved.

