



Release Notes for Update 1 for Cisco Prime Infrastructure 1.3.0.20

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Introduction

This is a patch release for Prime Infrastructure 1.3.0.20. This release delivers a number of critical bug-fixes. There are no new features added in this release. This patch release must be installed on top of your existing Prime Infrastructure 1.3.0.20.

The bugs resolved in this release provide the following key functions:

- Enables pre-backup check.
- Provides error handling capabilities during the restore process.
- As part of improvements to the backup, a signature file has been added in this patch release. The signature file is used during restore operation for further validation prior to restore so that failures can be avoided. Also, improvements have been made in reducing the backup size. The signature file provides the following key features:
 - Backup from larger OVA configurations to smaller OVA configurations is restricted and aborted.



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- Any unsuccessful backup operation with Bkp_Status as FAILED is used for fast restore fail and restore will be aborted immediately.
- Recorded Bkp_DB_Size is used for better disk space validation on restore. If the required space is unavailable, then restore operation is aborted.
- This release has fixes for maps, client troubleshooting, and client management. For details, see the “Resolved Caveats” section on page 3.

**Note**

If you are upgrading from an earlier version of Prime Infrastructure, see the following URL to apply the necessary patches:

http://preview.cisco.com/en/US/docs/wireless/prime_infrastructure/1.3/quickstart/guide/cpi_qsg_1_3.html#wp69624

Installation Guidelines

**Caution**

You cannot uninstall or remove this patch.

**Note**

- It is important to back up your system before applying this patch. Store the backup in an external repository. This will help you to revert to the original Prime Infrastructure 1.3.0.20 state. To revert to original Prime Infrastructure 1.3.0.20 state, follow these steps:
 - Reinstall Prime Infrastructure 1.3.0.20 from an OVA or ISO distribution.
 - Restore data from the backup that you made before applying the patch.
- Before you begin, remove any existing High Availability configuration from your primary and secondary Prime Infrastructure servers. You can do this using either of the following options:
 - Launch Prime Infrastructure, choose Administration > High Availability > HA Configuration, and click Remove.
 - Go to admin console and run the `ncs ha remove` command.
- There is no need to shut down your server before installing this patch release. The patch installation will stop the application and restart it again.
- There is no need to reboot your system manually after applying this patch.
- The patch installation takes approximately 15-20 minutes.

Follow these steps to install the patch to your existing Prime Infrastructure 1.3.0.20 system:

- Step 1** Go to the following URL to download the PI_1_3_0_20-Update.1.12.tar.gz patch to your repository:
<http://software.cisco.com/download/release.html?mdfid=284652876&flowid=38562&softwareid=284272933&release=1.3.0&relind=AVAILABLE&rellifecycle=&reltype=all>
- Step 2** Open a console session and log in to the existing server as admin. Enter the password when prompted.

**Note**

If you want to know more about creating a remote repository, see the Setting Up Remote Repositories section of the *Prime Infrastructure User Guide*:
http://www.cisco.com/en/US/docs/net_mgmt/prime/infrastructure/1.2/user/guide/ManageData.html#wp105609

Step 3 Install the patch:

```
admin# patch install <patchFile> <repositoryName>
```

Where

<patchFile> is the name of the patch file you copied.

<repositoryName> is the name of the repository that you configured.

Once the patch is installed successfully, you can verify the patch version using the following command:

```
admin# show version
```

Sample Output:

```
.
.
.
Version : 1.3.0.20
Patch: Cisco Prime Network Control System Version: Update-1_12_for_version_1_3_0_20
```

This patch version number is shown only when you use the **show version** command. On the Prime Infrastructure UI, only the base version number 1.3 (1.3.0.20) appears.

For more information, see the following section of the *Cisco Prime Infrastructure 1.3 Quick Start Guide*:
http://www.cisco.com/en/US/docs/wireless/prime_infrastructure/1.3/quickstart/guide/cpi_qsg_1_3.html

Resolved Caveats

Table 1 lists the Resolved Caveats in this patch release.

Click the identifier to view the details of the caveat. This information is displayed in the [Bug Toolkit](#). You can track the status of the resolved caveats, using the Bug Toolkit

Table 1 Resolved Caveats

Identifier	Description
CSCub91535	Sometimes adding or removing APs on the map or audit refresh of the controller takes long time when MSE is synchronized to these maps/controller.
CSCub98465	Issue in Alarms generated for 'Environment Temperature' Threshold
CSCuc06938	NCS clients and users page just spins if WLC interface is named `null'
CSCuc84305	Failed to start the reporting service process.
CSCud03122	Unable to login with "root" user in the web user interface after upgrading from WCS to NCS and then Prime Infrastructure 1.2.

Table 1 **Resolved Caveats (continued)**

Identifier	Description
CSCud03492	Client Troubleshooting window doesn't reflect the latest status of the client.
CSCud06139	In Prime Infrastructure, the NCS Server Backup task may show that the job was successful, but no file can be found in the NFS file repository.
CSCud39395	Difference between RMAN Archivelogs and disk contents causes DB crash
CSCud49730	Prime Infrastructure 1.2 Interface license manager page no data available
CSCud51139	Database does not start due to full db_recovery_file_dest_size after Upgrade
CSCud62096	TACACS authentication takes time due to the delay in XMP module
CSCud98783	The contents of the backup need to be optimized by removing unnecessary content in some directories.
CSCue02902	Sometimes the devices go to managed with warning because of failures in feature discovery inventory collection when they are added in Prime Infrastructure.
CSCue18641	After database restore, the user is unable to Switch Virtual Domain
CSCue19300	There are three options under Site Maps > Properties—"Refresh Map from Network", "Advanced Debug Mode", and "Use Dynamic Heatmaps". These options some times do not save properly, and if you reload the page, they will not show the changes made and revert to previous state.
CSCue21189	After modifying a map, when you click Save, the GUI hangs for minutes while the effected heatmaps recalculate.
CSCue29770	Prime Infrastructure 1.2.1.12: Upgrade fails during the schema migration
CSCue35666	Oracle recovery area filling causes Prime Infrastructure to stop and not restart
CSCue48865	Template Deploy Scheduler is not working for some PM times
CSCue48982	At times, heat maps in Prime Infrastructure may be slow or stop altogether.
CSCue49514	Backups from some NCS systems may not restore as expected.
CSCue60672	Unable to create backup file sometimes
CSCue76606	Assurance dashlets are empty after restore from 1.2.1 to 1.3.0
CSCue82602	Wired client's database updatetime is reset to 0.
CSCue87691	IFM InventoryServices API for getDevices with caching returns max 20
CSCue93505	Oracle Audit Logging needs to be controlled
CSCue98565	Prime Infrastructure may encounter an out of disk space condition that causes maps to be removed.
CSCuf06505	The Google Chrome browser stops working when you switch from LifeCycle theme to Classic.
CSCuf20628	Prime Infrastructure is not sending passwords to devices correctly for enable password.
CSCuf90356	SyslogHandler Flooded ncs*.log with error logs
CSCug05038	Workaround for JVM Bug processing images with spaces
CSCug13322	All ASR functionality broken in 1.3 - nbi
CSCug25355	Prime Infrastructure stops while enabling High Availability if the secondary is unavailable.

Table 1 **Resolved Caveats (continued)**

Identifier	Description
CSCug44267	Top N Clients dashlet does not show any data when the Traffic Type filter is set to "Traffic Out".
CSCug53879	OOTB and Discovered Folder templates empty in 1.3.1 B&R & upgrade server
CSCug72223	Flash crashed on the main page.
CSCug77918	Negative SNMP object values are displayed as zero when polled using generic SNMP templates.
CSCug78551	Offset in actual map in repositioning AP
CSCug83480	Background tasks are not working correctly.
CSCug86861	Process start up issues after removing the patch.
CSCug96223	Application restore failed
CSCug96247	Inconsistent backup size on Prime Infrastructure 1.3.1 system.
CSCuh08507	Support for NAM320 and a few Cat2960SF devices are unavailable in Cisco Prime Infrastructure Release 1.3.

Open Caveats

The open caveats listed in the Release Notes for Cisco Prime Infrastructure 1.3 (apart from the resolved caveats listed in [Table 1](#)) are applicable to this patch release as well. For the list of open caveats of Cisco Prime Infrastructure 1.3, see the following URL:

http://www.cisco.com/en/US/docs/net_mgmt/prime/infrastructure/1.3/release/notes/cpi_rn_13.html#wp53609

In addition to the caveats listed in this URL, the following caveats are open in this patch release.

Table 2 **Open Caveats**

Identifier	Description
CSCua46983	Configuration templates invisible for users such as Admin /Super Users/Config Managers in non root domain for PnP profile.
CSCua57435	When you log in to non root domain with user as Admin and trigger PnP provisioning after creating template, the provisioning is not completed.
CSCub98275	Current Associated Clients are not displayed Prime Infrastructure 1.2.
CSCuc89874	Prime Infrastructure keeps crashing when trying to import DWG.
CSCuc97419	Incorrect details recorded when a configuration template has managed variables
CSCud45623	Prime Infrastructure displays null for device host names it cannot retrieve, causing pages like Virtual Domains to display incorrectly.
CSCud99014	Discovery settings created in virtual domain appear in root-domain
CSCue50513	WLC Image distribution failing for SNMP v2
CSCuf08691	Rogue AP is not shown in PI maps, but it appears in the Monitor > Alarms page.

Table 2 **Open Caveats (continued)**

Identifier	Description
CSCuf16925	Some access points in Prime Infrastructure appear in site maps, but do not appear in the Device Work Center.
CSCuf74214	PnP is not working with multiple interfaces in the Prime Infrastructure server.
CSCuf86195	At times, Prime Infrastructure's discovery of new access points can take a long time, causing other background tasks to take a long time to complete.
CSCug42271	Unable to log in with RADIUS or TACACS credentials.
CSCug53957	Newly added devices get into "In Progress" state forever
CSCug55664	Unable to delete or edit IKE policy and IKE settings from device view
CSCug67712	Control file missing in fast recovery area because of which database stop or start not happening.
CSCug82855	Inaccurate data in client reports
CSCug83205	SWIM copies the software image, but unable to process the boot command.
CSCug91303	OOTB and Discovered Folder templates are empty.
CSCuh13999	Low disk space error appears in the Prime Infrastructure 1.3.1 standard machine.
CSCuh14892	Inventory.log is not purging and hence the size of the log keeps growing.
CSCuh14929	Applying any template through LifeCycle view to controller in Prime Infrastructure 1.3.1 is getting failed and not getting pushed to controller.
CSCuh22106	Configuration archive fails and an error message appears.
CSCuh41100	Server crashed and hence unable to launch the server.

Prime Infrastructure Supported Devices

For detailed information on the supported device types, see the following URL:

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

Related Documentation

You can access the 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 the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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