



Release Notes for Cisco Prime Collaboration Deployment, Release 12.5(1)

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CHAPTER 1

Introduction

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About Cisco Prime Collaboration Deployment

These release notes describe new features, requirements, restrictions, and caveats for Cisco Prime Collaboration Deployment. These release notes are updated for every maintenance release.

Cisco Prime Collaboration Deployment is an application designed to assist in the management of Unified Communications applications. It allows the user to perform tasks such as migration of older software versions of clusters to new virtual machines, fresh installs, and upgrades on existing clusters.

Cisco Prime Collaboration Deployment has four primary, high-level functions:

- Migrate an existing cluster of Unified Communications servers to a new 11.x cluster (this may be MCS to virtual or virtual to virtual)
- Perform operations on existing clusters (8.6.1 or higher). Examples of these operations include:
 - Upgrade the cluster to a new version of software
 - Switch version
 - Restart the cluster
- Changing IP addresses or hostnames in the cluster on existing Release 10.x clusters
- Fresh install a new Release 10.x Unified Communications cluster



Note Cisco Prime Collaboration Deployment does not support internationalization or languages other than English.

Related Documentation

You can view documentation that is associated with supported applications.

Application	Documentation Link
Cisco Unified Communications Manager	http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/tsd-products-support-series-home.html
Cisco Unified Contact Center Express	http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-express/tsd-products-support-series-home.html
Cisco Unity Connection	http://www.cisco.com/c/en/us/support/unified-communications/unity-connection/tsd-products-support-series-home.html

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at [Cisco Profile Manager](#).
- To get the business impact you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit [Cisco Marketplace](#).
- To obtain general networking, training, and certification titles, visit [Cisco Press](#).
- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.



CHAPTER 2

New and Changed Information

- [Switch Version in Direct Standard Upgrade Sequence, on page 3](#)
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Switch Version in Direct Standard Upgrade Sequence

With this release, when you perform any upgrade from 12.5 to 12.5 and above, the direct standard upgrade sequence does not allow you to run the switch version on IM and Presence publisher and Cisco Unified Communications Manager subscriber in parallel.

You can perform the switch version on the Cisco Unified Communications Manager subscriber first and then IM and Presence publisher.

Task Chaining

With this release, Cisco Prime Collaboration Deployment supports chaining of install, migrate, and upgrade task. Cisco Prime Collaboration Deployment can handle multiple COP files in a single task without any manual intervention. You can make a task dependent on an existing task. Dependent task is triggered automatically on the successful completion of an existing task. This feature helps you to perform install, upgrade, and migration tasks without manual intervention, so that you can efficiently handle upgrades of large or geo-distributed environments.

With this feature, you can handle the following scenarios:

- **Install Upgrade Patch**—Enables you to install patch files on freshly installed clusters chained to the install task on Prime Collaboration Deployment.
For example: Fresh install task for 10.5 followed by upgrade task for 10.5 SU3.
- **Migrate Upgrade Patch**—Enables you to install patch files on migrated clusters chained to the migration task on Prime Collaboration Deployment.
For example: Migration task for 10.5 followed by upgrade task for 10.5 SU3.
- **Multi COP Upgrade**—Enables you to upgrade nodes in a cluster chained with multiple cops one after another in a single task without creating separate tasks for each COP file.



Note If the user select the multiple cop files for upgrade then the task sequence will load up according to the selected COP files.



Note Maximum 32 COP files can be selected for a specific product.

For example:

- Fresh install task followed by (separate task) batch-install of a long list of COP files.
- If the upgrade task is completed, and a week later you need to do a (separate task) batch-install of a long list of COP files.
- (Single task) batch-install a long list of COP files with a Prime Collaboration Deployment upgrade task for direct standard upgrade or direct refresh upgrade.
- Multi cluster Upgrade—Enables you to upgrade nodes in a cluster chained with another upgrade task for a different cluster. The task sequence will load up according to the selected cop file.

For example: when a task to upgrade cluster X is successful then the next task to upgrade cluster Y starts automatically.

- COP file Installation for Install Task—Enables you to install COP files on a freshly installed cluster.
- COP file Installation for Migration Destination Cluster—Enables you to install COP files on a freshly migrated destination cluster.

For example: Migration task to 11.5 followed by COP file install task.

- Upgrade Migrate—Enables you to upgrade a cluster chained with a migration task.

For example: Prime Collaboration Deployment upgrade followed by a Virtual-to-Virtual Prime Collaboration Deployment Migration.

Meltdown Vulnerabilities During Upgrade

This release of Unified Communications Manager, Cisco IM and Presence Service, Cisco Emergency Responder, and Cisco Prime Collaboration Deployment contain software patches to address the Meltdown and Spectre microprocessor vulnerabilities.

Before you upgrade to Release 12.5(1) or above, we recommend that you work with your channel partner or account team to use the Cisco Collaboration Sizing Tool to compare your current deployment to an upgraded 12.5(1)SU1 deployment. If required, change VM resources to ensure that your upgraded deployment provides the best performance.



CHAPTER 3

Caveats

- [Bug Search Tool](#), on page 5
- [Resolved Caveats](#), on page 6
- [Open Caveats for Cisco Prime Collaboration Deployment Release 12.5](#), on page 6

Bug Search Tool

The system grades known problems (bugs) per severity level. These release notes contain descriptions of the following bug levels:

- All severity level 1 or 2 bugs
- Significant severity level 3 bugs
- All customer-found bugs

You can search for open and resolved caveats of any severity for any release using the Cisco Bug Search tool, an online tool available for customers to query defects according to their own needs.

To access the Cisco Bug Search tool, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

Follow these steps to use Cisco Bug Search tool:

1. Access the Cisco Bug Search tool: <https://tools.cisco.com/bugsearch/>.
2. Log in with your Cisco.com user ID and password.
3. If you are looking for information about a specific problem, enter the bug ID number in the **Search for:** field and click **Go**.



Tip Click **Help** on the Bug Search page for information about how to search for bugs, create saved searches, and create bug groups.

Resolved Caveats

Cisco Prime Collaboration Deployment fixes to the following defect

- CSCvk68869—12.5 -Security password length issue in FIPS mode Message on PCD needs to be added in Admin Guide
- CSCvf69979 — FCS MCS Network Migration failed Due to PAWS Service during CUP installation
- CSCvi50993 — PCD can only execute tasks against 10 nodes in parallel across all scheduled Tasks / Steps
- CSCvm89906 — Adding note for installing Upgrade Readiness COP file in PCD admin guide.
- CSCvg33737 — M1 failing if the source and destination versions are same

Open Caveats for Cisco Prime Collaboration Deployment Release 12.5

Caveat	Severity	Product	Headline
CSCvn52851	3	Cisco Unified Communications Manager (CallManager)	Readdress task failed for 12.5 CUCM (enforcing mode) using PCD
CSCvq13998	3	Cisco Unified Communications Manager (CallManager)	6.1.5 cluster discovery failed using PCD 12.5
CSCvp86872	4	Cisco Unified Communications Manager (CallManager)	Insert step option for tasks is not behaving as expected