# Release Notes for Cisco Prime Collaboration Deployment, Release 15

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## Introduction

## 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 of source version 10.5 or above to destination version 12.5.x or higher (this would be Virtual to Virtual).
- Perform operations on existing clusters (12.5 or higher). Examples of these operations include:
  - Upgrade the cluster from source version 11.5 or above to destination version 12.5.x or higher.
  - Switch version
  - Restart the cluster
- Changing IP addresses or hostnames in the cluster on Release 12.5.x or higher clusters.
- Fresh install a new Release 12.5.x or higher Unified Communications cluster.

**Note** Cisco Prime Collaboration Deployment doesn't support internationalization or languages other than English.

**Note** Upgrading to Cisco Prime Collaboration Deployment 15 from Pre-14 and SU source release need COP file `ciscocm.enable-sha512sum-2021-signing-key-v1.0.cop.sgn` to be installed to list the Cisco Prime Collaboration Deployment 15 ISO file as valid.

# 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 |

# New and Changed Information

Release 15 brings an enhanced experience for users and administrators with major platform upgrades to align with the industry standards. The enhancements include Application-layer changes and core Linux transition for long-term support. This enhancement also includes migration to 64-bit application architecture for removal of memory bottlenecks and mitigating end-of-life for 32-bit dependencies. This release provides enhanced protection, security, innovation, and flexibility.

Some of the important considerations when installing or migrating to Release 15 are:

- Refresh Upgrades from Pre-12.5.x source to Release 15 is not supported.
- Refresh Upgrades from other solution products to Release 15 is not allowed using Cisco Prime Collaboration Deployment.
- You can only use the 15 or later versions of Cisco Prime Collaboration Deployment for all 15 or above UC clusters.
- If you're using Cisco Prime Collaboration Deployment to upgrade an IM and Presence Service cluster from Release 12.5.x to Release 15, you must install the following COP file on the Release 12.5.x systems before you begin the upgrade: ciscocm.imp15_upgrade_v1.0.k4.cop.sha512. Note that the COP file is applicable only if:
  - Unified Communications Manager destination version is in Release 15.
  - Unified Communications Manager destination version is in Release 15 and you are trying to upgrade your IM and Presence Service source from a restricted version to an unrestricted version.
- If you're using Cisco Prime Collaboration Deployment to upgrade an IM and Presence Service cluster from Release 14 or SUs to Release 15, you must install the following COP file on the Release 14 or SU systems before you begin the upgrade: ciscocm.imp15_upgrade_v1.0.k4.cop.sha512. Note that the COP file is applicable only if:
  - Unified Communications Manager destination version is in Release 15 and the IM and Presence Service source nodes are in 14 or 14SU1 versions.
  - Unified Communications Manager destination version is in Release 15 and you are trying to upgrade your IM and Presence Service source from a restricted version to an unrestricted version.

# Caveats

## 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://bst.cloudapps.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.

## Open Caveats

| Identifier | Headline |
|---|---|
| CSCwe26763 | Cisco Prime Collaboration Deployment SELinux protections missing in cliscript, remotesupport |
| CSCwi09888 | Vulnerabilities in tomcat 9.0.56 CVE-2023-44487 and others |
| CSCwi17414 | tomcat_threads diagnose test failed in PCD FCS build |
| CSCwi39824 | CD-ROM2 is not disconnecting from VM after Fresh install through PCD |
| CSCwi38877 | iso upgrade task didnt start after dependent tasks completed |

## Resolved Caveats

| Identifier | Headline |
|---|---|
| CSCwe32199 | PCD NAT is not working on step 3 (check the dbreplication) of the upgrade |
| CSCwc83342 | PCD vulnerable to stored cross-site scripting |
| CSCwc83337 | Cisco Prime Collaboration Deployment XXE Injection Vulnerability |
| CSCwe04160 | HTTP Headers Missing SameSite=Strict in PCD |
| CSCwd95009 | PCD: Improper protection to /usr/bin/find in Sudoers configuration |
| CSCwd64328 | Cisco Prime Collaboration Deployment SELinux protections missing in selected services or processes |
| CSCvy88892 | quartz 2.3.0. A XXE attack is possible in the Terracotta Quartz Scheduler using a job description |
| CSCwb95747 | Hostname and IP address change task failed during Network change verification in PCD |
| CSCwi48005 | file get fails to download logs with local SFTP option in PCD |