



# Cisco Prime Cable Provisioning 7.0 Release Notes

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## Introduction

Cisco Prime Cable Provisioning, referred to as Prime Cable Provisioning throughout this document, automates the tasks of provisioning and managing customer premises equipment (CPE) in a broadband service-provider network. The application provides a simple and easy way to deploy high-speed data, voice technology, and home networking devices.

Prime Cable Provisioning can be scaled to suit networks of virtually any size, even those deploying millions of devices. It also offers high availability, made possible by its distributed architecture with centralized management.

Prime Cable Provisioning incorporates support for many technologies to provide provisioning services for your network. These technologies include:

- DOCSIS high-speed data
- PacketCable voice service, both Secure and Basic work flows
- Non-secure CableHome
- Open Cable Set top box
- eRouter 1.0
- DPoE (DOCSIS Provisioning of EPON) 2.0
- RPD

For detailed information about Prime Cable Provisioning features, see the [Cisco Prime Cable Provisioning User Guide 7.0](#).

## Important Points to Know Before You Begin

- Before installing PCP 7.0, please check the system requirements mentioned in the [Cisco Prime Cable Provisioning Quick Start Guide 7.0](#) are met.
- If you are migrating from an earlier version of Cisco PCP or BAC to Cisco PCP 7.0, you must review the Release Notes that were published across the releases.



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- License acquired for Cisco PCP 5.x or earlier releases is not valid for Cisco PCP 7.0. You need to get the permanent or evaluation license of 7.0 to upgrade from 5.0.x/5.1.x/5.2.x/5.3.x/6.x to 7.0 or for a fresh installation. For more information, refer to **Licensing Prime Cable Provisioning** section in [Cisco Prime Cable Provisioning Quick Start Guide 7.0](#).
- From PCP 6.0 release, the PCP does not support the Solaris operating system platform. The Solaris operating system was supported through the PCP 5.3.x releases and the last release that supported the Solaris operating system was PCP 5.3.2.1.

## New Features and Enhancements

This release Cisco Prime Cable Provisioning 7.0, supports the following new features:

- [DPE Container](#)
- [System JDK](#)
- [Log4j2 Support](#)
- [DOCSIS 4.0 Support](#)

### DPE Container

Prime Cable Provisioning 7.0 supports DPE Containers apart from the regular DPEs along with the multiple PG support.

### System JDK

From Prime Cable Provisioning 7.0, JDK will not be available as part of PCP package and uses the JDK installed on your system. The path of the JDK has to be provided during the installation process.

### Log4j2 Support

Prime Cable Provisioning 7.0 supports log4j2 which enhances the security by upgrading the log framework.

### DOCSIS 4.0 Support

Prime Cable Provisioning 7.0 is enhanced to support DOCSIS 4.0 as part of the CableLabs standards, and following are the supported standards:

#### *DOCSIS 4.0*

- *CM-SP-MULPIv4.0-I03-201202*
- *CM-SP-SECv4.0-I02-201202*
- *CM-SP-MULPIv4.0-I04-210826*
- *CM-SP-SECv4.0-I03-210826*
- *CM-SP-CM-OSSIV4.0-I03-210127*
- *CM-SP-CCAP-OSSIV4.0-I03-210127*
- *CM-SP-PHYv4.0-I03-201202*

# Prime Cable Provisioning 7.0 Bugs

For more information on a specific bug or to search all bugs in a particular Prime Cable Provisioning release, see [Using the Bug Toolkit](#).

This section contains:

- [Resolved Bugs, page 3](#)
- [Open Bugs, page 3](#)
- [Using the Bug Toolkit, page 4](#)

## Resolved Bugs

**Table 1** *Resolved Bug List in Prime Cable Provisioning 7.0.*

Bug ID	Description
<a href="#">CSCwa22348</a>	DPE should Support Multiple Provisioning Groups
<a href="#">CSCwa32555</a>	Implementing the PG-Deletion event notification
<a href="#">CSCwa54025</a>	Option 217.1 defined as boolean
<a href="#">CSCvx73785</a>	Logging framework migration from log4j 1.x to 2.x
<a href="#">CSCvy58224</a>	DOCSIS 4.0 support
<a href="#">CSCvz09451</a>	Missing DOCSIS 3.1 TLVs
<a href="#">CSCvz57977</a>	Option validation failed [24.41]
<a href="#">CSCvz66616</a>	System JRE for PCP
<a href="#">CSCvz68619</a>	Include TLV 53 for Hashed SNMP Community String feature
<a href="#">CSCvz78132</a>	Display SNMP Hash Value in DPE CLI

## Open Bugs

**Table 2** *Open Bug List in Prime Cable Provisioning 7.0.*

Bug ID	Description
<a href="#">CSCti60751</a>	Many PCs behind one modem cause DPE to drop connection from RDU
<a href="#">CSCtz25409</a>	The generated template/Groovy file needs manual editing to work
<a href="#">CSCub63596</a>	WS-I Compliance check is needed
<a href="#">CSCue27542</a>	Configuration generated twice for each device when default COS modified
<a href="#">CSCuj14349</a>	GetRDUDetails API is not working in RDU HA set up
<a href="#">CSCuj50130</a>	Inappropriate error message displayed when CNR DPE connection fails.
<a href="#">CSCul50928</a>	API client connection timeout causing RDU max user session exceeded
<a href="#">CSCuw37810</a>	No error shown in ModifyDevice without domain when fqdn auto gen enabled

Bug ID	Description
<a href="#">CSCwa35412</a>	Enhance DPE logs messages during network failures
<a href="#">CSCwa67265</a>	PCP Javadoc needs more clarity on device ACTIVATION

## Using the Bug Toolkit

This section explains how to use the Bug Toolkit to search for a specific bug or to search for all bugs in a release.

**Step 1** Go to [Cisco Bug Search Tool](#).

**Step 2** At the Log In screen, enter your registered Cisco.com user name and password; then, click Log In. The Bug Search Tool page opens.



**Note** If you do not have a Cisco.com user name and password, you can register for them at <https://idreg.cloudapps.cisco.com/idreg/register.do>.

**Step 3** To search for a specific bug, enter the bug ID or keywords in the Search for field, and click Go.

**Step 4** To search for bugs in the current release, specify the following criteria:

- Select Product —**Series/Model**
- Select Product Name—**Cisco Broadband Access Center for Telco and Wireless**



**Note** Do not enter Cisco Prime Cable Provisioning. Cisco Prime Cable Provisioning is the new product name for the former Cisco Broadband Access Center. At this time, the Bug Search Tool does not accept Cisco Prime Cable Provisioning as the product name.

- Select Releases—**Affecting or Fixed in this Release.**
- Product Version—Enter 7.0

**Step 5** Click on the page. The Bug Search Tool displays the list of bugs based on the specified search criteria.



**Note** For example, if a bug applies to multiple releases, the headline and Release-note enclosure contain the earlier Cisco PCP product terminology.

**Step 6** To export the results to a spreadsheet:

1. In the results section of the page, click **Export Results to Excel**.
2. All bugs retrieved by the search are exported in to a spreadsheet and downloaded locally.

If you cannot export the spreadsheet, log into the Technical Support website at <http://www.cisco.com/cisco/web/support/index.html> or contact the Cisco Technical Assistance Center (TAC).



**Note** For more details about how to use Cisco Bug Search Tool, see <https://www.cisco.com/web/applicat/cbsshel/help.html>

# Product Documentation

**Note**

We sometimes update the printed and electronic documentation after original publication. Therefore, you should also review the documentation on [Cisco.com](http://www.cisco.com) for any updates.

See the [Cisco Prime Cable Provisioning Documentation Overview](#) for the list of Prime Cable Provisioning guides.

**Related Documentation**

See the [Cisco Prime Network Registrar Documentation Overview](#) for the list of Cisco Prime Network Registrar guides.

See the [Prime Cable Provisioning Upgrade Matrix](#) for the upgrade compatibility of the current release with the previous releases.

See the [Prime Cable Provisioning Compatibility Matrix](#) for the PNR, PG and API compatibility of the current release with the previous releases.

## 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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