



# Cisco Prime Cable Provisioning 6.1.1 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 6.1.1](#).

## Important Points to Know Before You Begin

- Before installing PCP 6.1.1, please check the system requirements mentioned in the [Cisco Prime Cable Provisioning Quick Start Guide 6.1.1](#) are met.
- If you are migrating from an earlier version of Cisco PCP or BAC to Cisco PCP 6.1.1, you must review the Release Notes that were published across the releases.



- License acquired for Cisco PCP 5.x or earlier releases is not valid for Cisco PCP 6.1.1. You need to get the permanent or evaluation license of 6.0 to upgrade from 4.2.x/5.0.x/5.1.x/5.2.x/5.3.x/6.0/6.1 to 6.1.1 or for a fresh installation. For more information, refer to **Licensing Prime Cable Provisioning** section in [Cisco Prime Cable Provisioning Quick Start Guide 6.1.1](#).
- 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 6.1.1, supports the following new features:

- [Provisioning Web Services \(PWS\) RESTful Support](#)
- [Double RELAY Support](#)

### Provisioning Web Services (PWS) RESTful Support

The Provisioning Web Services (PWS) component exposes a RESTful based web service interface as an external integration interface. The web service is a layer above the RDU and can be deployed in the same server as the RDU or as a remote server. The service maps RESTful requests and internally constructs RDU API requests. The service will be capable of interacting with one or more RDUs. The provisioning service is described in RESTful web service using a set of resources that identify the targets of the interaction with its clients, describing the operations and all request and reply objects and their data types.

For detailed information about PWS, see the [Cisco Prime Cable Provisioning User Guide 6.1.1](#) and [Cisco Prime Cable Provisioning 6.1.1 Integration Developers Guide](#).

### Double RELAY Support

Cisco Prime Cable Provisioning 6.1.1 is enabled for processing link-address from 'RELAY packets with double relays'.

From the 'RELAY packets with double relays', the link-address will be retrieved by using the following logic:

1. Process link-address at the context level to 0 (i.e. from the inner-most relay [hot-count:0]).
2. If the link-address is the localhost address (i.e. ":::" or "0000:0000:0000:0000:0000:0000:0000:0000"), process the link-address from the immediate next context level which wraps the relay (i.e. [hop-count:1]).

## Database Schema Changes

There are no new schema changes in PCP 6.1.1.

## Prime Cable Provisioning 6.1.1 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 3](#)

## Resolved Bugs

**Table 1** *Resolved Bug List in Prime Cable Provisioning 6.1.1.*

Bug ID	Description
<a href="#">CSCvj16044</a>	Corosync Function Integer Overflow Vulnerability which could cause DoS condition
<a href="#">CSCvk56000</a>	HA conf File should be removed if the installation Fails
<a href="#">CSCvk75713</a>	Expecting bc command Validation on applicable PCP Scripts
<a href="#">CSCvi93338</a>	Unable to submit the values for Radius Server in Admin UI
<a href="#">CSCvj74235</a>	Unable to view Comp device details if the user search using IPv6 address in \"IPAddress\" search type
<a href="#">CSCvj28032</a>	PCP client library enhancement to avoid deadlocks

## Open Bugs

**Table 2** *Open Bug List in Prime Cable Provisioning 6.1.1.*

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

## 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 6.1.1

**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/cbsshhelp/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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