

# Cisco Prime Network Registrar 10.1.2 Release Notes

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This document provides an overview of the new and changed features in Cisco Prime Network Registrar 10.1.2, and describes how to access information about the known problems.



**Note** You can access the most current Cisco Prime Network Registrar documentation, including these release notes, online at:

<https://www.cisco.com/c/en/us/support/cloud-systems-management/prime-network-registrar/tsd-products-support-series-home.html>

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## Introduction

Cisco Prime Network Registrar is comprised of these components:

- An Authoritative Domain Name System (DNS) protocol service
- A Caching DNS service
- A Dynamic Host Configuration Protocol (DHCP) service

Cisco offers these components as individually licensed applications or in a mix of suites.

## Before You Begin

Before you install Cisco Prime Network Registrar 10.1.2, review the system requirements and licensing information available in *Cisco Prime Network Registrar 10.1 Installation Guide*. Note that Cisco Prime Network

Registrar 10.1.2 does not support Windows. Cisco Prime Network Registrar 10.1 was the last release to support Windows.



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**Note** If you are migrating to Cisco Prime Network Registrar 10.1.2 from an earlier version of Cisco Prime Network Registrar, you must review the release notes for the releases that occurred in between, to fully understand all the changes.

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Cisco Prime Network Registrar DHCP, Authoritative DNS, and Caching DNS components are licensed and managed from the Cisco Prime Network Registrar regional server. All services in the local clusters are licensed through the regional cluster. Only a regional install requires a license file and only the regional server accepts new license files. Then the regional server can authorize individual local clusters, based on available licenses.



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**Note** Licenses for Cisco Prime Network Registrar 9.x or earlier are not valid for Cisco Prime Network Registrar 10.x. You should have a new license for Cisco Prime Network Registrar 10.x. For the 10.x Regional, if one has 9.x CDNS clusters, the 9.x CDNS licenses must be added on the Regional server (9.x CDNS clusters will use 9.x licenses, 10.x CDNS clusters will use 10.x licenses).

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For more details about Licensing, see the *"License Files" section in Cisco Prime Network Registrar 10.1 Installation Guide*.

The Cisco Prime Network Registrar 10.1.2 kit contains the following files and directories:

- Linux—CentOS/Red Hat Linux ES 6.5 and later 6.x or 7.x installation kit
- Docs—Pointer card, Bugs, and Enhancement List



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**Note** Cisco Prime Network Registrar 10.1.2 does not support RHEL/CentOS 8.x. If you want to use RHEL/CentOS 8.x, then consider upgrading to Cisco Prime Network Registrar 11.0. For more information, see the *"Upgrading Cisco Prime Network Registrar" section in Cisco Prime Network Registrar 11.0 Installation Guide*.

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The Cisco Prime Network Registrar also ships as a virtual appliance which includes all the functionality available in Cisco Prime Network Registrar along with the CentOS 7.7 operating system. The Cisco Prime Network Registrar virtual appliance is supported on VMware ESXi 6.x platforms, KVM Hypervisor, and OpenStack. For more details, see the *"Cisco Prime Network Registrar Virtual Appliance" section in Cisco Prime Network Registrar 10.1 Installation Guide*.

## Licensing

Cisco Prime Network Registrar 10.1 license file contains two sets of licenses that cover the permanent and subscription parts of the license. The permanent licenses are similar to the licenses issued for 8.x and 9.x versions. For Cisco Prime Network Registrar 10.1.2, the licensing is done according to the services that you require. For more information, see the *"License Files" section in Cisco Prime Network Registrar 10.1 Installation Guide*.



**Note** You should not delete any of the individual licenses loaded from the file. If required, you may delete older versions of DNS and DHCP licenses after the upgrade. Older versions of CDNS licenses must be retained if the servers are not upgraded.

## Interoperability

Cisco Prime Network Registrar 10.1.2 uses individual component licenses. This allows users to purchase and install DHCP services, Authoritative DNS services, and Caching DNS services individually, or as a suite.

If you need additional DNS caching licenses, you should order them based on Server count since DNS caching is a server based license.

To install and manage DHCP, DNS, and Caching DNS licenses, you must establish a regional server. The regional server is used to install, count, and manage licensing for these components.

The synchronization between version 10.1 and pre-10.1 local clusters must be done from a 10.1 regional cluster. Cisco Prime Network Registrar 10.1.2 protocol servers interoperate with versions 8.3 or later.

## Cisco Prime Network Registrar Bugs

For more information on a specific bug or to search all bugs in a particular Cisco Prime Network Registrar release, see [Using the Bug Search Tool, on page 4](#).

This section contains the following information:

- [Resolved Bugs, on page 3](#)
- [Enhancement Features, on page 4](#)
- [Using the Bug Search Tool, on page 4](#)

## Resolved Bugs

The following table lists the key issues resolved in the Cisco Prime Network Registrar 10.1.2 release.

*Table 1: Resolved Bugs in Cisco Prime Network Registrar 10.1.2*

Bug ID	Description
<a href="#">CSCvx07366</a>	DNS secondary may fail to process full IXFR response over UDP
<a href="#">CSCvx13059</a>	DHCP crashes infrequently and randomly
<a href="#">CSCvx51237</a>	Active or bulk lease query connections may be terminated frequently
<a href="#">CSCvy31980</a>	CCM leaks memory while processing GetCurrentUtilization request
<a href="#">CSCvy49940</a>	DHCP server running in failover-mode can assign duplicate leases if limitation-id is configured

Bug ID	Description
<a href="#">CSCvy50773</a>	DHCP server can crash during DHCPv6 active leasequery processing

For the complete list of bugs for this release, see the [cprn\\_10\\_1\\_2\\_buglist.pdf](#) file available at the product download site. See this list especially for information about fixes to customer-reported issues.

## Enhancement Features

The following table lists the key enhancement feature added in the Cisco Prime Network Registrar 10.1.2 release.

*Table 2: Enhancement Feature Added in Cisco Prime Network Registrar 10.1.2*

Bug ID	Description
<a href="#">CSCvw83374</a>	Add new IANA options (v4: 108, 114, 147, 148; v6: 141, 142)

For the complete list of enhancement features added in this release, see the [cprn\\_10\\_1\\_2\\_enhancements.pdf](#) file available at the product download site.

## Using the Bug Search Tool

Use the Bug Search tool to search for a specific bug or to search for all bugs in a release.

### Procedure

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- Step 1** Go to <http://tools.cisco.com/bugsearch>.
- Step 2** At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**. The Bug Search page opens.
- Note** If you do not have a Cisco.com username and password, you can register for them at <http://tools.cisco.com/RPF/register/register.do>.
- Step 3** To search for a specific bug, enter the bug ID in the Search For field and press **Return**.
- Step 4** To search for bugs in the current release, click the **Search Bugs** tab and specify the following criteria:
- In the Search For field, enter **Prime Network Registrar 10.1.2** and press **Return**. (Leave the other fields empty.)
  - When the search results are displayed, use the filter tools to find the types of bugs you are looking for. You can search for bugs by status, severity, modified date, and so forth.
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**Note** To export the results to a spreadsheet, click the **Export All to Spreadsheet** link.

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## Related Documentation

See [Cisco Prime Network Registrar Documentation Overview](#) for a list of Cisco Prime Network Registrar 10.1 guides.

## Accessibility Features in Cisco Prime Network Registrar 10.1.2

All product documents are accessible except for images, graphics, and some charts. If you would like to receive the product documentation in audio format, braille, or large print, contact [accessibility@cisco.com](mailto:accessibility@cisco.com).

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the *What's New in Cisco Product Documentation RSS feed*. RSS feeds are a free service.

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