



# Cisco Prime Access Registrar 9.2.2 Release Notes

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Cisco Prime Access Registrar (Prime Access Registrar) is a high performance, carrier class, 3GPP-compliant, 64-bit RADIUS/Diameter solution that provides scalable, flexible, intelligent authentication, authorization, and accounting (AAA) services.

Prime Access Registrar comprises a RADIUS/Diameter server designed from the ground up for performance, scalability, and extensibility for deployment in complex service provider environments including integration with external data stores and systems. Session and resource management tools track user sessions and allocate dynamic resources to support new subscriber service introductions.



**Note**

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Prime Access Registrar can be used with Red Hat Enterprise Linux (RHEL) 7.x and 8.2 or CentOS 7.x operating system. Also, Prime Access Registrar is qualified with VMware ESXi 7.0 Update 1c.

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## System Requirements

This section describes the system requirements to install and use the Prime Access Registrar software.

[Table 1](#) lists the system requirements for Prime Access Registrar 9.2.2.



**Table 1** Minimum Hardware and Software Requirements for Prime Access Registrar Server

OS Version	RHEL 7.x and 8.2 CentOS 7.x <b>Note</b> Prime Access Registrar supports OpenStack Stein and Victoria versions.  You must have the 64-bit rpm files for the relevant RHEL versions while installing Prime Access Registrar. For the list of required rpms for the relevant OS versions, see <a href="#">Required 64-bit rpms for Relevant RHEL OS Versions, page 2</a> .
Model	X86
CPU Type	Intel Xeon CPU 2.30 GHz
Processors	4
CPU Speed	2.30 GHz
Memory (RAM)	8 GB
Swap Space	10 GB
Disk Space	1*146 GB

Prime Access Registrar supports JDK versions 1.8.x and 11.x. Also, Prime Access Registrar is qualified with VMware ESXi 7.0 Update 1c.

**Note**

These are the minimum system requirements to have Prime Access Registrar up and running. This may vary based on the deployments. Please contact your BU team to know the specific system requirements for your deployment.

**Required 64-bit rpms for Relevant RHEL OS Versions**

rpm	RHEL OS Version 7.x	RHEL OS Version 8.x
brotli	No	Yes
c-ares	Yes	Yes
cyrus-sasl-lib	Yes	Yes
gamin	Yes	Yes
glibc	Yes	Yes
gdome2	Yes	Yes
glib	Yes	Yes
glib2	Yes	Yes
json-c	Yes	Yes
keyutils-libs	Yes	Yes
krb5-libs	Yes	Yes
libbson	No	Yes

<b>rpm</b>	<b>RHEL OS Version 7.x</b>	<b>RHEL OS Version 8.x</b>
libcom_err	Yes	Yes
libcurl	Yes	Yes
libicu	Yes	Yes
libidn2	No	Yes
libgcc	Yes	Yes
libmongocrypt	No	Yes
libnghttp2	No	Yes
libnsl	No	Yes
libpsl	No	Yes
libselenium	Yes	Yes
libssh	No	Yes
libstdc++	Yes	Yes
libtool-ltdl	Yes	Yes
libunistring	No	Yes
libxcrypt	No	Yes
libxml2	Yes	Yes
libzstd	No	Yes
ksctp-tools	Yes	Yes
mongo-c-driver-libs	No	Yes
ncurses-libs	Yes	Yes
nss-softoken-freebl	Yes	Yes
nss-util	Yes	Yes
nspr	Yes	Yes
nss	Yes	Yes
openldap	No	Yes
openssl-libs	Yes	Yes
pcre	Yes	Yes
pcre2	No	Yes
pcre-cpp	No	Yes
snappy	No	Yes
sqlite-libs	No	Yes
tcl	No	Yes
unixODBC	No	Yes
xz-libs	No	Yes
zlib	Yes	Yes

# Co-Existence With Other Network Management Applications

To achieve optimal performance, Prime Access Registrar should be the only application running on a given server. In certain cases, when you choose to run collaborative applications such as a SNMP agent, you must configure Prime Access Registrar to avoid UDP port conflicts. The most common conflicts occur when other applications also use ports 2785 and 2786. For more information on SNMP configuration, see the “Configuring SNMP” section in the “Configuring Cisco Prime Access Registrar” chapter of the *Cisco Prime Access Registrar 9.2 Administrator Guide*.

## Cisco Prime Access Registrar 9.2.2 Bugs

This section contains the following information:

- [Fixed Anomalies in Cisco Prime Access Registrar 9.2.2, page 4](#)
- [Using the Bug Search Tool, page 4](#)

## Fixed Anomalies in Cisco Prime Access Registrar 9.2.2

Table 2 lists the anomalies fixed in Prime Access Registrar 9.2.2 release.

**Table 2** Fixed Anomalies in Prime Access Registrar 9.2.2

Bug	Description
CSCwa34810	JSON Format error mis-formatting } the name of the second and subsequent remoteServer names in stats.
CSCwa35472	LDAP memory leak when using multi valued attributes.
CSCwa35477	Prime Access Registrar stopped working due to timing issues while pushing traffic.
CSCwa42898	Memory leak when using vendor specific tagged attributes.
CSCwa52157	Tagged attributes are not updating properly in Query-Sessions.
CSCvy53795	Memory leak observed in eap-peapv0 call flow.
CSCwa56716	Java process crashed while getting stats info via REST API in parallel.

## Using the Bug Search Tool

Use the Bug Search tool (BST) to get the latest information about Cisco Prime Access Registrar bugs. BST allows partners and customers to search for software bugs based on product, release, and keyword, and it aggregates key data such as bug details, product, and version.

BST allows you to:

- Quickly scan bug content
- Configure e-mail notifications for updates on selected bugs
- Start or join community discussions about bugs
- Save your search criteria so you can use it later

When you open the Bug Search page, check the interactive tour to familiarize yourself with these and other Bug Search features.

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- Step 1** Log into the Bug Search Tool.
- Go to <https://tools.cisco.com/bugsearch>.
  - 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>.

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- Step 2** To search for a specific bug, enter the bug ID in the Search For field and press **Return**.

- Step 3** To search for bugs in a particular release:
- In the Search For field, enter the product name and the release version, e.g. Cisco Prime Access Registrar 9.2.2, and press **Return**. (Leave the other fields empty.)
  - When the search results are displayed, use the filter and sort tools to find the types of bugs you are looking for. You can search for bugs by severity, by status, how recently they were modified, according to the number of support cases associated with them, and so forth.
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## Related Documentation

For a complete list of Cisco Prime Access Registrar documentation, see the [Cisco Prime Access Registrar 9.2 Documentation Overview](#).



**Note** We sometimes update the documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

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