

# iPass RoamServer 5.5.0 for Linux Release Notes

VERSION 1.1 SEPTEMBER 2014

These release notes contain the latest news and information about iPass RoamServer 5.5.0 for Linux, including new features, technical requirements, resolved issues, known limitations, and known issues.

## New Features

iPass RoamServer 5.5.0 has the following new features:

- Security upgrades.

## System Requirements

iPass RoamServer 5.5.0 for Linux has the following requirements.

### Platforms

RoamServer 5.5.0 is certified on the following platforms:

- Red Hat Enterprise Linux 6.1 (64-bit) (Kernel version: 2.6.32-131.0.15.el6.x86\_64)
- Red Hat Enterprise Linux 6.5 (64-bit) (Kernel Version: 2.6.32-431.el6.x86\_64)
- Ubuntu 12.04.2 LTS (64-bit)

Since the JRE packaged with RoamServer is 32-bit, these libraries are required for installation: `libc6-i386`, `lib32gcc1`, `lib32z1`, `lib32stdc++6`, and `ia32-libs`. You can install these libraries by running: **`apt-get install libc6-i386 lib32gcc1 lib32z1 lib32stdc++6 ia32-libs`**. (This applies to all currently supported platforms.)

### Server Requirements

- 512 MB to 1 GB RAM (the RoamServer process requires 256 MB of RAM)
- 112 MB temporary disk space
- 70 MB permanent disk space
- Root access is required (for installation only)
- The server must have a static IP address (no DHCP)
- If installed behind a firewall, an accessible NAT IP address is required



- Installer must have administrative permissions on the host
- JDK (Java Development Kit) version 1.6.0

## Additional Requirements

- **Redundancy:** RoamServer must be installed on at least two separate host machines, and failover must be configured between all hosts. No iPass service guarantees apply without having failover configured between at least two RoamServer hosts.
- **Connectivity:** Connectivity is required to an authentication database.
- **iPass Transaction Centers:** iPass Transaction Centers must be able to communicate with RoamServer on port 577 (or the port you configured). Please refer to the list of iPass Transaction Centers here: [http://help.ipass.com/doku.php?id=required\\_configurations\\_for\\_open\\_mobile\\_access#roamserver1](http://help.ipass.com/doku.php?id=required_configurations_for_open_mobile_access#roamserver1).

## Resolved Issues

The following issues have been resolved in this release of RoamServer:

Issue ID	Description
122935, 122884	Security upgrades addressing vulnerabilities. Credit for identifying these vulnerabilities goes to Borked of the Google Security Team.

## Known Limitations

The following limitations are known for this release of RoamServer:

Issue ID	Description
120980	Because the installation file is in the TAR format, there are the following limitations: <ul style="list-style-type: none"> <li>■ RoamServer can only be installed under the <code>usr/ipass</code> folder (and cannot be installed under a customized path).</li> <li>■ Auto-migration and <code>rs_migration.csh</code> to a newer version is not currently possible.</li> <li>■ <code>verifier.sh</code> and <code>create_link.sh</code> do not currently work.</li> </ul>
110246	On Ubuntu, when an older version of RoamServer is present in the default path, a soft link is not removed when RoamServer 5.2.1 is uninstalled. The soft link can be removed manually as a workaround.
110244	Complete Uninstall of RoamServer 5.2.1 on RHEL5.5 (32 & 64 bit) fails when an older version of RoamServer is installed on same host. The issue has been partially resolved as only a soft link, which can be manually removed, remains.
108291	After running the migration tool to upgrade from RoamServer 5.1.1 to 5.2.1, the link for <code>current_version</code> has to be manually changed from 5.1.1 to 5.2.1.
108290	<code>ipassconfig.csh</code> does not configure 'IncludeNasPortType' for RADIUS servers. This configuration has to be done manually (with a Boolean value of Yes or No).
108155	When installed on Solaris (9 or 10), the installer will give an error message and the installation will abort. The temp and log files from the aborted installation remain on the machine and have to be

Issue ID	Description
	manually removed.
107912	Help for AcctServer configuration properties displays the AuthServer information. /usr/ipass/roamserver/current_version/bin/config_help -help AcctServer displays AuthServer1=name11=value11,name12=value12,name13=value13 etc.

## Known Issues

The following issues are known for this release of RoamServer:

Issue ID	Description
88311	When using the Trace Log Configuration tool, data entered is not validated. Improper settings may result in some invalid configurations without any warnings from RoamServer. Please consult the <i>RoamServer 5.5.0 for Linux Administrator's Guide</i> for a discussion of valid settings.
88211	ipassconfig.csh allows you to set both IncludeDomain and IncludeDomainAsWinPrefix at the same time when configuring AuthServer and AcctServer. If you need to configure both, use the command-line tool instead.
88043	When directly editing ipassRS.properties, it is possible to set multiple attributes for AuthServer1 and AcctServer1. All values of AuthServer and AcctServer should be unique.
87938	When no value or an incorrect value is entered for Boolean attributes, the default value is assumed. When setting these attributes, please ensure a valid value is used and typos are avoided. Valid values for Boolean attributes are: YES/NO, Y/N, or TRUE/FALSE.
N/A	Due to a limitation in the C-shell interpreter, spaces and special characters are not allowed in the value of bind_dn. This applies to command line tools such as checkldap.csh and checkipass.csh. The workaround is to modify the script directly to allow quotes (") around arguments with spaces. For example, you can modify the Checkldap.csh script by replacing the \$argv with your actual command line arguments (include the quotes around the argument with spaces).

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