

iPass RoamServer 5.4.0 for Linux Release Notes

VERSION 1.0, APRIL 2013

These release notes contain the latest news and information about iPass RoamServer 5.4.0 for Linux, including new features, technical requirements, resolved issues, known limitations, and known issues.

New Feature

iPass RoamServer 5.4.0 has the following new features:

- Allows users without root access to run it.
- Supports Chargeable-User-Identity (as per RFC 4372)

System Requirements

iPass RoamServer 5.4.0 for Linux has the following requirements.

Platforms

RoamServer 5.4.0 is certified on the following platforms:

- Ubuntu 10.04.4 LTS (64-bit) and 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`.

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.

Resolved Issues

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

Issue ID	Description
120146	RoamServer no longer requires root access. Credit for identifying this issue goes to Borked of the Google Information Security Team.
118803	RoamServer logs now show distribution information.

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"> ■ RoamServer can only be installed under the <code>usr/ipass</code> folder (and cannot be installed under a customized path). ■ Auto-migration and <code>rs_migration.csh</code> to a newer version is not currently possible. ■ <code>verifier.sh</code> and <code>create_link.sh</code> do not currently work.
111637	After running the migration tool to upgrade from RoamServer 5.1.1, the link for <code>current_version</code> has to be manually changed to the new version number.
110460	RS binary is not supposed to get installed in silent mode until we specify the option <code>-i silent</code> .
110373	The successfully installed status count in the installer log file of RoamServer 5.2.1 build 3 is one less than build 1 or 2.
110365	The <code>.dist_info</code> file is not removed after RoamServer 5.2.1 build03 is uninstalled, when an older version of RoamServer is present under the default path.

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 manually removed.
107912	Help for AcctServer configuration properties displays the AuthServer information. <code>/usr/ipass/roamserver/current_version/bin/config_help -help AcctServer</code> displays <code>AuthServer1=name11=value11,name12=value12,name13=value13</code> 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 5.4.0 for Linux Administrator's Guide</i> for a discussion of valid settings.
88211	<code>ipassconfig.csh</code> allows you to set both <code>IncludeDomain</code> and <code>IncludeDomainAsWinPrefix</code> at the same time when configuring <code>AuthServer</code> and <code>AcctServer</code> . If you need to configure both, use the command-line tool instead.
88043	When directly editing <code>ipassRS.properties</code> , it is possible to set multiple attributes for <code>AuthServer1</code> and <code>AcctServer1</code> . All values of <code>AuthServer</code> and <code>AcctServer</code> 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 <code>bind_dn</code> . This applies to command line tools such as <code>checkldap.csh</code> and <code>checkipass.csh</code> . The workaround is to modify the script directly to allow quotes (") around arguments with spaces. For example, you can modify the <code>Checkldap.csh</code> script by replacing the <code>\$argv</code> with your actual command line arguments (include the quotes around the argument with spaces).

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