

iPass RoamServer 5.2.1 for Linux Release Notes

VERSION 2.1, NOVEMBER 2012

These release notes contain the latest news and information about iPass RoamServer 5.2.1 for Linux, including new features, technical requirements, resolved issues, known limitations, and known issues.

New Features

iPass RoamServer 5.2.1 for Linux has the following new features:

- **RHEL 5.8 and 6.1 Support:** Support added for Red Hat Enterprise Linux (RHEL) versions 5.8 and 6.1.
- **JRE Upgrade:** Java Runtime Environment (JRE) upgraded from 1.5 to 1.6.0_15
- **Deprecated APIs Removed:** Incorporates the removal of deprecated APIs from the JAVA code.
- **New Packaging:** Packaged using InstallAnywhere 10.

System Requirements

iPass RoamServer 5.2.1 for Linux has the following requirements.

Platforms

RoamServer 5.2.1 is certified on the following operating systems:

- Red Hat Enterprise 6.1, 64-bit (Kernel 2.6.32-131.0.15.el6.x86_64 #1)
- Red Hat Enterprise 5.8, -bit, (Kernel 2.6.18-308.11.1.el5)
- Red Hat Enterprise Linux 5.5, 32-bit (Kernel 2.6.18-194.el5)
- Red Hat Enterprise Linux 5.5, 64-bit (Kernel 2.6.18-194.el5)
- Ubuntu 10.04 LTS (Kernel 2.6.32) Core install (x86-64) and 32-bit libraries

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
- 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

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 to an authentication database.
- **iPass Transaction Centers:** iPass Transaction Centers must be able to communicate with RoamServer on port 577. Please refer to http://help.ipass.com/doku.php?id=required_configurations_for_open_mobile_access#roamserver1 for a list of Transaction Center IP addresses.

Preferences

- **SMTP Access:** The RoamServer host should have connectivity to an SMTP mail server to send your certificate, and connectivity to an accounting server to allow accounting logs to be written to an alternate location.

Resolved Issues

RoamServer 5.2.1 resolves the following issues:

Issue ID	Description
110127	Uninstalling RoamServer now deletes the <code>.dist_info</code> file.
110097	The <code>.dist_info</code> file is now recreated when RoamServer is restarted.
110096	The build information in <code>build_info</code> is now in the correct format.

Known Limitations

iPass RoamServer 5.2.1 for Linux has no known limitations.

Known Issues

The following issues are known for iPass RoamServer 5.2.1 for Linux:

Issue ID	Description
111637	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.
110467	The file <code>.dist_info</code> in RHEL 5.5 (32 & 64 bit) captures the Linux OS distribution details in double quotes.
110460	RS binary is not supposed to get installed in silent mode until we specify the option <code>-i silent</code> .

Issue ID	Description
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.
110358	Uninstallation of RoamServer 5.2.1 build-03 does not remove the softlink on Ubuntu or RHEL 5.5 hosts.
110358	An uninstall of RoamServer 5.2.1 build-03 does not remove a soft link on both Ubuntu and RHEL 5.5(32 & 64 bit) machines. The soft link can be removed manually as a workaround.
110325	An <code>hs_err</code> log file was created in the <code><RS_Home_path>/bin</code> directory when Java Virtual Machine crashed.
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.
88311	When using the Trace Log Configuration tool, data entered is not validated. Improper settings may result in some invalid settings without any warnings from RoamServer. Please consult the <i>RoamServer 5.2 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	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 5.2.1 for Linux Administrator's Guide</i> for a discussion of valid settings.
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.

Issue ID	Description
	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).

Copyright ©2012, iPass Inc. All rights reserved.

Trademarks

iPass, iPassConnect, ExpressConnect, iPassNet, RoamServer, NetServer, iPass Mobile Office, DeviceID, EPM, iSEEL, iPass Alliance, Open Mobile, and the iPass logo are trademarks of iPass Inc.

All other brand or product names are trademarks or registered trademarks of their respective companies.

Warranty

No part of this document may be reproduced, disclosed, electronically distributed, or used without the prior consent of the copyright holder. Use of the software and documentation is governed by the terms and conditions of the iPass Corporate Remote Access Agreement, or Channel Partner Reseller Agreement. Information in this document is subject to change without notice. Every effort has been made to use fictional companies and locations in this document. Any actual company names or locations are strictly coincidental and do not constitute endorsement.

