iPass NetServer 6.0.0 Release Notes

VERSION 1.0, JUNE 2014

These release notes contain the latest news and information about iPass NetServer 6.0.0, including new features, technical requirements, resolved issues, known limitations, and known issues.

New Features and Enhancements

The following features and properties are newly added to NetServer 6.0.0:

- **NetServer Property File Additions**
    - AdminKeyStoreProperty
    - CuiAcctUserReplace property
    - ns mode
- **KeyStore** property for eap.
- The ipassconfig tool will generate **Eap** and **ns** keystores and allow you to import a signed certificate in **ns** keystores.
- Certificates will be validated at the server startup and at the time of importing the signed certificate using the ipassconfig tool.
- **strip** flag added for Routing Realms. The **ipass** and **ipasv** realms are set to **Yes** by default.
- Realms are set to **no** by default.
- New attribute **KeyStoreProperty** added for IpassServers.
- All .pem keystore files changed to .keystore extension.
- KeyStore failover and retrieval feature has been added.
- **-keystore** option added to the chekipass tool, providing which keystore to test NS - TS connectivity.
- **-regen_keystore KeyStore** option added to ipassconfig script to regenerate the existing keystore.

System Requirements

NetServer has the following requirements:

Host Requirements

A host running NetServer 6.0.0 must meet these requirements:

- Pentium II processor (or equivalent RISC processor)
- 512 MB RAM
- 128 MB free RAM, 256 MB recommended
- 256 MB permanent disk space, 500 MB recommended

Installation Requirements

The NetServer installation process requires these system resources:

- 60 MB temporary disk space
- SMTP services for transmitting the certificate request
- This request can be sent using FTP if SMTP services are not available.

Supported Platforms

NetServer 6.0.0 is supported on following platforms:

- Linux RHEL 5.5 32-Bit
- Linux RHEL 5.5 64-Bit
- Centos 5.7 32-Bit
- Centos 5.7 64-Bit
- Ubuntu 12.04.2 LTS 32-Bit
- Ubuntu 12.04.2 LTS 64-Bit
- Solaris 10 Sparc 32-Bit
- Solaris 10 Sparc 64-Bit

Interoperable RADIUS Servers

The list of RADIUS servers with which NetServer is interoperable includes, but is not limited to:

- FreeRADIUS (recommended)
- RADIATOR (recommended)
- Cistron RADIUS
- DTC RADIUS, v2.02 and later
- Interlink Networks Advanced Server (AAA)
- FUNK Steel-Belted RADIUS v3.0 and later
- Ascend Access Control (Extended RADIUS)
- Ascend RADIUS 960112, 970224
- Vircom RADIUS
- Navis RADIUS
- Merit (Enterprise Editions only)

Additional Operational Requirements

Additional operational requirements include:

- **RADIUS Connectivity**: Connectivity to a primary RADIUS capable of proxying authentication and accounting packets.
- **DNS**: Domain Name Server (DNS) installed and configured to work with the NetServer host.
- **Connectivity to the iPass Transaction Centers**: The TCP/IP protocol is required to support the SSL-encrypted connection between the NetServer and the iPass Transaction Centers. Please refer to http://help-.ipass.com/doku.php?id=netserver_installation_6.0.0 for a list of Transaction Center IP addresses.

    > *Other processes, such as a firewall or authentication server, can be run on the platform concurrently with NetServer.*

Resolved Issues

Issue ID	Description
126473	**-ipasskeepalive** should work as expected after a successful restart.
126149	Accounting requests will be acknowledged by NetServer, even if the domain is missing.
127136	Cascading issues that arise when IdleTimeout is set to 1 minute for IpassServers have been fixed.

Known Limitations

iPass NetServer 6.0.0 has no known limitations.

Known Issues

iPass NetServer 6.0.0 has no known issues.