

HP-UX AAA Server A.06.00.08 Release Notes

HP-UX 11.0 and 11i version 1

www.docs.hp.com



i n v e n t

Manufacturing Part Number : T1428-90024

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U.S.A.

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HP-UX AAA Server A.06.00.08

The information in this document is for the HP-UX AAA Server A.06.00.08 only.

Product Overview

The HP-UX AAA Server is used for authentication, authorization and accounting of user network access at the entry point to a network. By utilizing the industry standard Remote Authentication Dial-In User Service (RADIUS) protocol, it provides user authentication for network access devices. It also provides RADIUS based authorization, and access/accounting log files that can later be utilized by billing and accounting applications.

The HP-UX AAA Server supports RADIUS compliant devices, such as Network Access Servers (NAS). It also supports the Extensible Authentication Protocol (EAP), extending RADIUS support to RADIUS/EAP enabled LAN switches, hubs, and wireless LAN access points. User account information can be stored in local configuration files, LDAP version 3 compliant directories, or Oracle databases. Accounting information can be stored in either Merit (default) or Livingston style formats to ensure interoperability with a wide variety of billing and mediation applications.

The HP-UX AAA Server also includes session management capabilities, web based administration, SNMP support for effective management, LDAP directory support for scalable user management, and a full set of support utilities. The HP-UX AAA Server consists of the following four components, which may be installed independently:

- HP-UX AAA Server daemon, libraries, and utilities
- AAA Server Manager —web-based Graphical User Interface (GUI) that performs administration and configuration tasks for one or more AAA servers from a web browser
- AAA Server module for Oracle authentication
- Product Documentation

Product Documentation

In addition to these Release Notes, HP provides the following two guides to support the HP-UX AAA Server A.06.00.08:

- *HP-UX AAA Server A.06.00 Administration and Authentication Guide*
- *HP-UX AAA Server A.06.00 Getting Started Guide*

These guides are installed with product in `/opt/aaa/share/doc/` and the Server Manager's Help menu. You can also find all of the HP-UX AAA Server product documentation on the Internet and Security Solutions page at <http://www.docs.hp.com>.

What's New in the HP-UX AAA Server A.06.00.08

The following is a description of the what's new in the HP-UX AAA Server A.06.00.08:

New Product Dependency—HP-UX Tomcat-based Serverlet Engine

The HP-UX AAA Server A.06.00.08 requires the HP-UX Tomcat-based Serverlet Engine v1.0.00.01 (or higher), a component of the HP-UX Web Server Suite. The HP-UX Tomcat-based Serverlet Engine v1.0.00.01 is not vulnerable to the security issues described in HP Security Bulletin #HPSBUX0303-249. Go to the following URL to learn more about this Security Bulletin:

<http://www1.itrc.hp.com/service/cki/docDisplay.do?docId=HPSBUX0303-249>

The HP-UX Tomcat-based Serverlet Engine v1.0.00.01 (product number HPUXWST100001) is available at: <http://software.hp.com>. Previous versions of the HP-UX AAA Server required the entire HP Apache Web Server product. The following is a list of changes related to the HP-UX AAA Server as a result of using the standalone Tomcat component:

- new location for Tomcat related files: `/opt/hpws/tomcat/`
- new steps to run Server Manager with HTTP and HTTPS

NOTE Refer to the *HP-UX AAA Server A.06.00 Getting Started Guide* (part number T1428-90026) for complete information about running Server Manager with HTTP using the HP-UX Tomcat-based Serverlet Engine v1.0.00.01.

Refer to the *HP-UX AAA Server A.06.00 Administration and Authentication Guide* (part number T1428-90025) for complete information about running Server Manager with HTTPS using the HP-UX Tomcat-based Serverlet Engine v1.0.00.01.

EAP-TLS and EAP-TTLS Not Supported in A.06.00.08

EAP-TLS and EAP-TTLS functionality is not supported in the HP-UX AAA Server A.06.00.08.

Compatibility Information and Installation Requirements

The information in this section lists the requirements needed to install and run the HP-UX AAA Server A.06.00.08, including the following:

- Hardware Requirements
- Operating System Requirements
- Software Dependencies
- Patch Requirements
- Web Browser Requirements
- LDAP Compatibility

Hardware Requirements

- HP 9000 Computers
- minimum of 128 MB memory
- 5 GB disk space

Operating System Requirements

- HP-UX 11.0 (32 or 64 bit)
- HP-UX 11i version 1 (32 or 64 bit)

Software Dependencies

You must have the following two products installed on your system to use the HP-UX AAA Server A.06.00.08. Be sure to use the exact version of each dependency.

- HP-UX SDK containing Java2 RTE 1.4.0.x - product #T1456AA
- HP-UX Tomcat-based Serverlet Engine v1.0.00.01 or higher - product# HPUXWST100001

You can get HP-UX SDK with Java2 RTE 1.4.0.x at:

<http://www.hp.com/products1/unix/java/index.html>

You can get the HP-UX Tomcat-based Serverlet Engine v1.0.00.01 at:

<http://www.software.hp.com>

Patch Requirements

There are no patch requirements for the HP-UX AAA Server A.06.00.08.

Web Browser Requirements

Access to a web browser is required to administer and configure the HP-UX AAA Server A.06.00.08 using Server Manager. Use only the following web browsers with the HP-UX AAA Server A.06.00.08, as known interoperability issues exist in other web browser versions:

- Netscape Navigator 4.76 or higher
- Internet Explorer 5.05 or higher

LDAP Compatibility

The HP-UX AAA Server A.06.00.08 is designed to interoperate with LDAP version 3 compliant directories. HP certified the HP-UX AAA Server A.06.00.08 with Netscape Directory Server version 6.

Known Problems and Limitations

The following information describes known problems and limitations in the HP-UX AAA Server A.06.00.08.

Known Problems

- Authentication may fail when passwords are stored in SHA encryption.
- Modifying realms using Server Manager can delete Tokenpool names from realm entries. Consequently, the Tokenpool name must be entered again manually in `/etc/opt/aaa/las.conf`.
- LDAP based policy is not enforced when LDAP bind style authentication is configured.
- Server Manager cannot modify manually added BIN/CIS options for realm entries in `/etc/opt/aaa/authfile`

NOTE Currently no workarounds exist for these problems.

Known Limitations

- Administering the HP-UX AAA Server with Server Manager will not preserve comments in configuration files.
- The HP-UX AAA Server will not start if any library files in `/opt/aaa/aatv/` contain unresolved external references. This can occur when libraries were added or renamed in previous installations. To avoid this limitation, when upgrading from previous versions of the HP-UX AAA Server, remove any libraries from `/opt/aaa/aatv/` that were not included with the product by default.

Fixes in the HP-UX AAA Server A.06.00.08

The HP-UX AAA Server A.06.00.08 does not contain any fixes.

HP-UX AAA Server A.06.00.08 Availability in Native Languages

The HP-UX AAA Server A.06.00.08 is currently available in English only.