

HP-UX AAA Server A.06.00.09 Release Notes

HP-UX 11.0 and 11i Version 1

www.docs.hp.com



i n v e n t

Manufacturing Part Number : T1428-90031

E0503

U.S.A.

© Copyright 2003 © Hewlett-Packard Company - All rights reserved.

Legal Notices

The information in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be held liable for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Warranty

A copy of the specific warranty terms applicable to your Hewlett-Packard product and replacement parts can be obtained from your local Sales and Service Office.

Restricted Rights Legend

Use, duplication or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 for DOD agencies, and subparagraphs (c) (1) and (c) (2) of the Commercial Computer Software Restricted Rights clause at FAR 52.227-19 for other agencies.

HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
20555 S.H. 249
Houston, Texas 77070

Use of this document and any supporting software media supplied for this pack is restricted to this product only. Additional copies of the programs may be made for security and back-up purposes only. Resale of the programs, in their present form or with alterations, is expressly prohibited.

Copyright Notice

Copyright © 1997-2003 Hewlett-Packard Development Company L.P. All rights reserved. Reproduction, adaptation, or translation of this document without prior written permission is prohibited, except as allowed under the copyright laws.

Trademark Notices

ProLDAP™ is a trademark of Interlink Networks, Inc.

Internet Explorer ® is a registered trademark of Microsoft Corporation.

Netscape™ is a trademark of AOL Time Warner.

HP-UX AAA Server A.06.00.09

The information in this document is for the HP-UX AAA Server A.06.00.09 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.06.00.09:

- *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.06.00.09

The following is a description of the what's new in the HP-UX AAA Server A.06.00.09:

Defect Fix for Authentication Requests Containing Vendor Specific Attributes

In previous versions of the HP-UX AAA Server, authentication requests would fail if they contained either of the following vendor specific attributes:

- Ascend-Calling-Id-Screening (69)
- Ascend-Client-Assign-WINS (82)

The HP-UX AAA Server A.06.00.09 resolves this defect (JAGae67791).

Reminder: Changes to the HP-UX AAA Server Product as of A.06.00.08

The previous release of the HP-UX AAA Server, version A.06.00.08, included the following two changes:

- structural changes to the Apache Web Server that the HP-UX AAA Server depends on
- EAP-TLS and EAP-TTLS are not supported

The following is an overview of these two changes. Refer to the HP-UX AAA Server A.06.00.08 Release Notes (T1428-90024) for complete information.

Apache Web Server Structural Changes

Versions of the HP-UX AAA Server preceding A.06.00.08 required the entire HP Apache Web Server product. As of the A.06.00.08 release, the HP-UX AAA Server 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. The HP-UX Tomcat-based Serverlet Engine v1.0.00.01 (product number HPUXWST100001) is available at: <http://www.software.hp.com> on the Internet and Security solutions page, or at <http://www.hp.com/products1/unix/webserver>.

EAP-TLS and EAP-TTLS Not Supported

Also as of the A.06.00.08 release, the HP-UX AAA Server does not support EAP-TLS and EAP-TTLS functionality.

Compatibility Information and Installation Requirements

The information in this section lists the requirements needed to install and run the HP-UX AAA Server A.06.00.09, 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 to use the HP-UX AAA Server A.06.00.09:

- HP-UX Java SDK and RTE 1.4.1.x or higher - product #T1456AA
- HP-UX Tomcat-based Servlet Engine v1.0.00.01 or higher - product# HPUXWST100001

You can get HP-UX Java SDK and RTE 1.4.1.x at:

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

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

<http://www.software.hp.com> on the Internet and Security Solutions page, or at <http://www.hp.com/products1/unix/webserver>.

Patch Requirements

There are no patch requirements for the HP-UX AAA Server A.06.00.09.

Web Browser Requirements

Access to a web browser is required to administer and configure the HP-UX AAA Server A.06.00.09 using Server Manager. Use only the following web browsers with the HP-UX AAA Server A.06.00.09, 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.06.00.09 is designed to interoperate with LDAP version 3 compliant directories. HP certified the HP-UX AAA Server A.06.00.09 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.06.00.09.

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 Included in the HP-UX AAA Server A.06.00.09

In previous versions of the HP-UX AAA Server, authentication requests would fail if they contained either of the following vendor specific attributes:

- Ascend-Calling-Id-Screening (69)
- Ascend-Client-Assign-WINS (82)

The HP-UX AAA Server A.06.00.09 resolves this defect (JAGae67791).

HP-UX AAA Server A.06.00.09 Availability in Native Languages

The HP-UX AAA Server A.06.00.09 is currently available in English only.