



RSA ACE/Server 5.2

SECURITY™ *Getting Started*

This booklet provides a roadmap to RSA ACE/Server 5.2. Read it to get started with installing and using RSA ACE/Server and RSA SecurID strong, two-factor user authentication. Whether you are a new user or upgrading from an earlier version, this booklet will help you begin implementing RSA ACE/Server 5.2 and RSA SecurID.

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Contents of Your RSA ACE/Server Package

Before you install the RSA ACE/Server software, verify that you have the following items:

- RSA ACE/Server Welcome Letter
- RSA SecurID Welcome Kit
- RSA ACE/Server 5.2 CD
- RSA Secured Partner Solutions Directory CD
- RSA ACE/Server License diskettes

Note: License diskettes are provided only if you are a new customer, an existing customer with an Advanced license, or an existing customer upgrading your license to a higher user limit.

Documentation

Before installing RSA ACE/Server 5.2, review the **readme.pdf** file at the top level of the product CD. The *Readme* contains important information that is not included in the standard documentation set.

Note: For information on the latest updates to RSA ACE/Server, go to www.rsasecurity.com/support/news/securid.html.

RSA ACE/Server 5.2 includes product documentation covering installation, administration and use of the product. Insert the RSA ACE/Server CD into the CD drive to view the following documents:

- *RSA ACE/Server 5.2 for Windows Installation Guide*
(**aceservdoc\ace_install_windows.pdf**)
Provides instructions for installing the RSA ACE/Server software on a supported Windows operating system.
- *RSA ACE/Server 5.2 for UNIX Installation Guide*
(**aceservdoc\ace_install_unix.pdf**)
Provides instructions for installing the RSA ACE/Server software on a supported UNIX operating system.
- *RSA ACE/Server 5.2 Administrator's Guide*
(**aceservdoc\ace_admin.pdf**)
Explains how to administer the database of an RSA ACE/Server using the Database Administration application, Remote Administration application, and the browser-based Quick Admin application.
- *RSA ACE/Server 5.1 Scalability and Performance Guide*
(**aceservdoc\ace_performance.pdf**)
Presents a framework for planning the setup and use of RSA ACE/Server in your organization's network infrastructure. Includes performance metrics for multiple implementation scenarios. For planning purposes, RSA ACE/Server 5.2 meets or exceeds performance measurements published in this book.
- *RSA ACE/Server 5.2 Deployment Guide*
(**aceservdoc\ace_deployment.pdf**)
Provides guidelines for planning the deployment of RSA SecurID authentication devices and their ongoing administration.

- *TAC Plus User's Guide* (**aceservdoc\tacplus_user_guide.pdf**)
Provides information on configuring TACACS+ devices. (This document is provided by Cisco Systems, Inc.)
- *RSA ACE/Server 5.2 External Authorization API Guide* (**aceservdoc\ace_authorization_api.pdf**)
Describes how to customize the criteria for authorizing users within your organization. This customized authorization does not replace RSA ACE/Server authentication, but works in addition to it.
- *RSA ACE/Server 5.2 Administration Toolkit Reference Guide* (**aceservdoc\ace_admin_toolkit.pdf**)
Describes how to use the RSA ACE/Server Administration Toolkit to create custom administration applications.
- *Authenticating with RSA SecurID* (**aceservdoc\ace_authentication.pdf**)
This document explains how to use an RSA SecurID standard card, key fob, or PINPad to access a resource protected by RSA SecurID.

Note: For security reasons, RSA Security recommends that you obtain the latest version of Adobe Reader for your platform at www.adobe.com.

To view the animated tour, *How To Use Your SecurID Token To Access Secured Resources*, go to the **tutorial** directory on the RSA ACE/Server 5.2 CD and double-click the **securid.html** file.

The RSA ACE/Server Database Administration application includes an extensive Windows-based Help system. To access the Help system, UNIX administrators must run the Remote Administration software on a Windows-based machine.

Ordering Printed Documentation

For information about purchasing available documents, go to <http://www.rsasecurity.com/go/documentation/>.

What Is RSA ACE/Server?

RSA ACE/Server 5.2 is software that works with RSA SecurID tokens to provide strong user authentication on TCP/IP networks, granting access only to authorized users through valid RSA ACE/Agent Hosts. Included in the product is the Windows-based Database Administration application, which provides the ability to administer RSA SecurID users and tokens.

The Remote Administration application, which you can install on a Windows system, enables you to remotely administer an RSA ACE/Server running on UNIX, as well as Windows.

For a full description of the features and functions of RSA ACE/Server 5.2, see the “Overview” chapter of the *RSA ACE/Server 5.2 Administrator's Guide*.

New Features in RSA ACE/Server 5.2

RSA ACE/Server 5.2 includes these new features and enhancements:

- **Reporting with Custom SQL Queries**

Administrators can now create, edit, share, and manage SQL queries to read and extract data from RSA ACE/Server databases. Query output can be to XML, HTML, and CSV formats, enabling data import to a variety of third-party reporting and other applications.

- **Improved LDAP Synchronization**

Administrators can now specify that disabled LDAP users be automatically disabled in RSA ACE/Server. In addition, administrators can set up synchronization jobs to map all LDAP users to one RSA ACE/Server group, or to map users in an LDAP group to an RSA ACE/Server group, creating the group if necessary.

These features are added to the existing LDAP synchronization capabilities, which allow you to bulk load users into the database from an LDAP directory server, and schedule automatic LDAP synchronization at off-peak hours, keeping the RSA ACE/Server database synchronized with user information from an LDAP server.

- **Tokencode-only Authentication**

Administrators can now set tokens so that users authenticate with only the tokencode (no PIN required). This simplifies the process for organizations that require users to enter a PIN or password to access their tokens (for example, an RSA SecurID token on a smart card).

- **Enhanced Auditing and Logging**

In this version of RSA ACE/Server, events from all Server processes can be logged to the system log, enabling improved administrative tracking through third-party SNMP trapping software. Server events are numbered, and are documented in the troubleshooting appendices of the *RSA ACE/Server 5.2 Administrator's Guide*.

- **High Availability through Veritas Cluster Server on Solaris**

To enable failover and high availability for large installations in which RSA ACE/Server operation is mission-critical, Veritas Cluster Server 3.5 on Solaris 9 is now supported. Customers require an RSA ACE/Server Advanced license to access this functionality.

- **Improved Network Address Translation for Servers in a Realm**

RSA ACE/Server now provides more flexibility and better connectivity of Servers in a realm, enabling easier placement of Replicas outside of the LAN, WAN, or firewall.

- **Windows 2003 Server Support**

RSA ACE/Server 5.2 runs on Microsoft's latest operating system version.

Other Important Features in RSA ACE/Server 5.2

RSA ACE/Server 5.2 carries forward support of these features introduced in Versions 5.0 and 5.1:

- **Primary/Multiple-Replica Architecture**

The architecture first introduced in RSA ACE/Server 5.0 provides excellent performance and scalability through multiple authenticating Replica Servers and load-balancing of authentication requests across Replicas. Load balancing of authentication requests and the replication features of multiple Replica Servers combine to deliver enterprise-level performance.

- **Support for AES and Traditional RSA SecurID tokens**

Current and future generations of RSA SecurID authenticators provide support for tokens programmed with the AES algorithm, the new cryptographic standard.

RSA ACE/Server 5.2 continues to support all current RSA SecurID tokens, providing customers with a seamless, non-disruptive migration path for future token offerings. The Admin Toolkit also contains functions that allow token provisioning to be built into external applications.

- **RSA SecurID Web Express**

This web-based workflow system reduces administrative costs by giving end users the ability to request, initiate deployment, and activate RSA SecurID tokens. The system automates the entire token deployment process, including populating the RSA ACE/Server database with user data, and assigning and activating the token. RSA SecurID Web Express is included with all Advanced licenses.

For more information about RSA SecurID Web Express, see <http://www.rsasecurity.com/products/secuid/rsasecuridwebexpress.html>.

- **Enhanced Database and Server Recovery**

The Replica Management utility enables straightforward name changing or replacement of the Primary or a Replica Server.

For more information, see the appendix “Database Maintenance” for your platform in the *RSA ACE/Server 5.2 Administrator's Guide*.

- **Centralized Software Token Management**

The Database Administration application streamlines the management of tokens with support for a variety of token formats, including the RSA SecurID Software Token for Windows Pocket PC.

- **Web-based Administration**

Quick Admin, a web-based tool originally introduced in RSA ACE/Server 5.0, handles up to 80% of day-to-day administrative operations for Help Desk and other administrators.

For information about installing Quick Admin, see the chapter “Installing the RSA ACE/Server Quick Admin Software” in the *RSA ACE/Server 5.2 Installation Guide* for your platform.

- **License Enforcement**

The RSA ACE/Server calculates license usage and enforces license limits based on the number of active users (users with assigned tokens or passwords) and Replicas in the database. Additionally, RSA ACE/Server displays reminders to upgrade your license when the number of active users is approaching the license limit.

For more information, see “RSA ACE/Server Licensing” in the chapter “RSA ACE/Server Overview” in the *RSA ACE/Server 5.2 Administrator’s Guide*.

Getting Support and Service

RSA SecurCare® Online <https://knowledge.rsasecurity.com>

Customer Support Information www.rsasecurity.com/support

RSA ACE/Agent Software

RSA ACE/Server 5.2 works with RSA SecurID tokens to authenticate the identity of users, granting access only to authorized users logging in through valid RSA ACE/Agent Hosts running the RSA ACE/Agent software.

RSA ACE/Agent Downloads

The RSA ACE/Server CD no longer includes RSA ACE/Agents. Instead, RSA Security provides the latest RSA ACE/Agent software for supported platforms at www.rsasecurity.com/products/securid/rsaaceagents.html. When you download an agent for your platform, the package includes an installation guide, a *Readme*, or both. RSA Security recommends that you read the documentation before proceeding with the Agent installation.

Authenticating Through a Firewall

If your network (including the RSA ACE/Server Primary and Replica Servers) is protected by a firewall, and includes Agent Hosts outside of the firewall, see the Help topic “Assigning Alias IP Addresses to Servers.”

Installing RSA ACE/Server Software

The *RSA ACE/Server 5.2 Installation Guide* includes system requirements and instructions for installing a new RSA ACE/Server, upgrading existing Servers, and transferring an existing database to a new Server.

Note: RSA Security recommends that you read the *RSA ACE/Server 5.2 Readme* (**readme.pdf** at the top level of the RSA ACE/Server CD) before installing the RSA ACE/Server software.

Windows

See the *RSA ACE/Server 5.2 for Windows Installation Guide* (**ace_install_windows.pdf** in the **aceservdoc** directory on the RSA ACE/Server 5.2 CD). Supported platforms are Windows 2000 and Windows 2003.

UNIX

See the *RSA ACE/Server 5.2 for UNIX Installation Guide* (**ace_install_unix.pdf** in the **aceservdoc** directory on the RSA ACE/Server 5.2 CD). Supported platforms are HP-UX, IBM AIX and Sun Solaris.

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