RSA ACE/Server 6.0

Getting Started

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Introduction

This booklet provides a roadmap to information about installing and using RSA ACE/Server 6.0 and RSA SecurID in your Windows enterprise.

With this software release, RSA Security introduces **RSA SecurID for Microsoft Windows®**, enabling strong, two-factor authentication of users who log on to your valuable network resources. The RSA SecurID for Microsoft Windows solution includes:

*   **RSA ACE/Server 6.0** to authenticate users, specify system parameters, and manage the user and log databases
*   **RSA ACE/Agent 6.0 for Microsoft Windows** to protect local computers, domain and terminal servers, and wireless and remote logins to these resources
*   **RSA ACE/Agent 5.2 for Web** to protect web servers and Microsoft Outlook web access

For more information about new Server features, see "New Features in RSA ACE/Server 6.0" on page 4.

For more information about Agent components, see "RSA ACE/Agent Software" on page 7.

Product Naming

RSA Security is in the process of changing the names "RSA ACE/Server" and "RSA ACE/Agent" to "RSA Authentication Manager" and "RSA Authentication Agent," respectively. These new product names will begin appearing on packaging and in new literature from RSA Security. However, the software and documentation provided in this release still refer to the names "RSA ACE/Server" and "RSA ACE/Agent."

What Is Included with RSA ACE/Server Software

If you elected to receive RSA software electronically, RSA Security sent you an e-mail with instructions for downloading the software.

If you are a new customer (or existing customer upgrading to a higher user or replica limit), RSA Security also provided you with instructions for downloading your license file (**license.rec**).

If you downloaded RSA ACE/Server, you should have a **.zip** file that contains the installable Server software and documentation. From the same location, you can also download a **.zip** file that contains the RSA ACE/Agent 6.0 for Windows software and documentation.

If you elected to receive a product package from RSA Security, it contains the following items:

- RSA ACE/Server Welcome Letter and RSA SecurID Welcome Kit

- RSA ACE/Server 6.0 software and documentation CD

- RSA ACE/Agent 6.0 for Windows software and documentation CD

- RSA ACE/Server License diskette (provided only if you are a new customer, or an existing customer upgrading to a higher user or replica limit).

RSA ACE/Server 6.0 Documentation

Before installing RSA ACE/Server 6.0, review the **readme.pdf** file in your downloaded software package or 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 about the latest updates to RSA ACE/Server, go to **www.rsasecurity.com/support/news/securid.html**.

RSA ACE/Server 6.0 includes product documentation covering installation, administration, and use of the product.

*   *RSA ACE/Server 6.0 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 6.0 Administrator's Guide*
    (**aceservdoc\ace_admin.pdf**)

    Explains how to administer an RSA ACE/Server installation using the Database Administration application, Remote Administration application, and the browser-based Quick Admin application.

*   *RSA ACE/Server 6.0 Deployment Guide*
    (**aceservdoc\ace_deployment.pdf**)

    Provides guidelines for planning the deployment of RSA SecurID authentication devices and their ongoing administration.

*   *RSA ACE/Server 6.0 External Authorization API Guide*
    (**aceservdoc\ace_authorization_api.pdf**)

    Describes how to customize the criteria for authorizing users within your organization.

*   *RSA ACE/Server 6.0 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**)

  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**.

The RSA ACE/Server Database Administration application also includes an extensive Windows-based Help system.

To view the animated tour, *How To Use Your SecurID Token To Access Secured Resources,* go to the **tour** directory on the RSA ACE/Server 6.0 CD and double-click the **securid.html** file.

What Is RSA ACE/Server?

RSA ACE/Server 6.0 is the authentication, administration, and database management component of RSA SecurID. With RSA ACE/Server, you can deploy and manage RSA SecurID hardware tokens and software tokens for strong user authentication on enterprise networks.

Included in the product is the Windows-based Database Administration application, which provides the ability to administer RSA SecurID users, tokens, and Agent Hosts. For remote administration, you can install and run the remote version of Database Administration on any network machine running a supported version of Windows.

New Features in RSA ACE/Server 6.0

Working with RSA ACE/Agent 6.0 for Windows, RSA ACE/Server 6.0 supports these new features:

- **RSA SecurID for Microsoft Windows**—You can set up strong, two-factor authentication across your enterprise, protecting local computers, domain and terminal servers, and wireless LANs, as well as remote logins to these protected resources.

- **Offline Authentication**—Whether connected to the network or offline, users can log on to protected resources with their RSA SecurID token. When the user is traveling, at home, or when the network connection to RSA ACE/Server 6.0 is temporarily unavailable, offline authentication data stored on users' computers, or on domain and terminal servers, enables users to authenticate with RSA SecurID. If users misplace their token or forget their PIN, administrators can provide emergency tokencodes and passcodes to allow users to log on to their offline computers.

- **Windows Password Integration**—With this option, when users enter an RSA SecurID passcode to log on to a protected resource, their login password is automatically sent to the Windows authentication service. Users do not have to enter passwords manually. This can simplify and improve an organization's password security policies, and reduce costs associated with password maintenance.

- **Robust Logging of Offline Authentication Events**—When users are disconnected from the network, offline authentication events are logged both in the local Windows Event Log, and by the RSA ACE/Agent to a local log file. The next time users connect to RSA ACE/Server, the log data is transferred to the log database. In addition, for security purposes, any time an administrator views an emergency passcode or tokencode, the event is logged.

- **New Sample Queries**—RSA ACE/Server 6.0 includes four new sample queries for data related to offline authentication and emergency codes.

For information about managing these capabilities in RSA ACE/Server, see the *RSA ACE/Server 6.0 Administrator's Guide*.

For information on planning, installing and managing these capabilities on the Agent side, see the *RSA SecurID for Microsoft Windows Planning Guide* and the *RSA ACE/Agent 6.0 for Windows Installation and Administration Guide*. For more information about RSA ACE/Agent 6.0 for Windows, which includes these documents, see "RSA ACE/Agent Software" on page 7.

Other Features in RSA ACE/Server 6.0

RSA ACE/Server 6.0 continues support of these and other features introduced in earlier versions:

- **Primary/Multiple-Replica Architecture**

  RSA ACE/Server architecture provides for multiple authenticating Replica Servers and load-balancing of authentication requests across Replicas, delivering enterprise-level performance and scalability.

- **Enhanced Auditing and Logging**

  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 documented in the appendix "Troubleshooting" in the *RSA ACE/Server 6.0 Administrator's Guide*.

- **Reporting with Custom SQL Queries**

  Administrators can create, edit, share, and manage SQL queries to read and extract data from RSA ACE/Server databases. Administrators can specify query data to be output to XML, HTML, or CSV formats, enabling data importation to a variety of third-party applications.

- **Improved LDAP Synchronization**

  Administrators can 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. If the group does not already exist in RSA ACE/Server, it is created automatically.

  Other LDAP synchronization capabilities allow bulk loading of users into the database from an LDAP directory server, and scheduling automatic LDAP synchronization at off-peak hours.

- **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/securid/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" in the
  RSA ACE/Server 6.0 Administrator's Guide.

- **Centralized Software Token Management**

  The Database Administration application streamlines the management
  of software tokens with support for a variety of token formats.

Installing RSA ACE/Server Software

For installation instructions, see the *RSA ACE/Server 6.0 for Windows
Installation Guide* (**ace_install_windows.pdf**). Supported platforms are
Windows 2000 Server, Windows 2003 Standard Edition, and Windows 2003
Enterprise Edition.

The installation guide includes system requirements and step-by-step
procedures for installing a new RSA ACE/Server, upgrading an existing
Server, and transferring an existing database to a new Server.

Note: RSA Security recommends that you read the *RSA ACE/Server 6.0
Readme* (**readme.pdf**) before installing the RSA ACE/Server software.

RSA ACE/Agent Software

You must install RSA Agents on the resources that you want to protect (for
example, local computers, domain servers, terminal servers, and web
servers).

RSA Agents receive authentication requests and forward them to the
RSA ACE/Server through a secure channel. Based on the response from the
Server, Agents either allow the user to log on, or deny access.

The RSA SecurID for Windows solution includes two Agent software releases:

*   **RSA ACE/Agent 6.0 for Microsoft Windows** to protect local computers (whether online or offline), domain resources, and connections to Microsoft's Routing and Remote Access Service (RRAS), Microsoft wireless LANs, and Microsoft Terminal Services.
*   **RSA ACE/Agent 5.2 for Web** to protect web servers and Microsoft Outlook web access.

If you elected to receive RSA products electronically, RSA Security sent you an e-mail with the necessary information for downloading RSA ACE/Agent 6.0 for Microsoft Windows. If you received a package, the Agent is included on a CD in the RSA ACE/Server 6.0 box.

RSA Security provides the latest versions of all other Agent software at:

www.rsasecurity.com/products/securid/rsaaceagents.html

Before you install an Agent, RSA Security strongly recommends that you read the documentation included with the Agent.

Getting Support and Service

RSA SecurCare Online	**https://knowledge.rsasecurity.com**
Customer Support Information	**http://www.rsasecurity.com/support**
RSA Secured Partner Solutions Directory	**http://www.rsasecured.com**