Ericom Software
Connect

RSA SecurID Ready Implementation Guide

Last Modified: July 27th, 2015

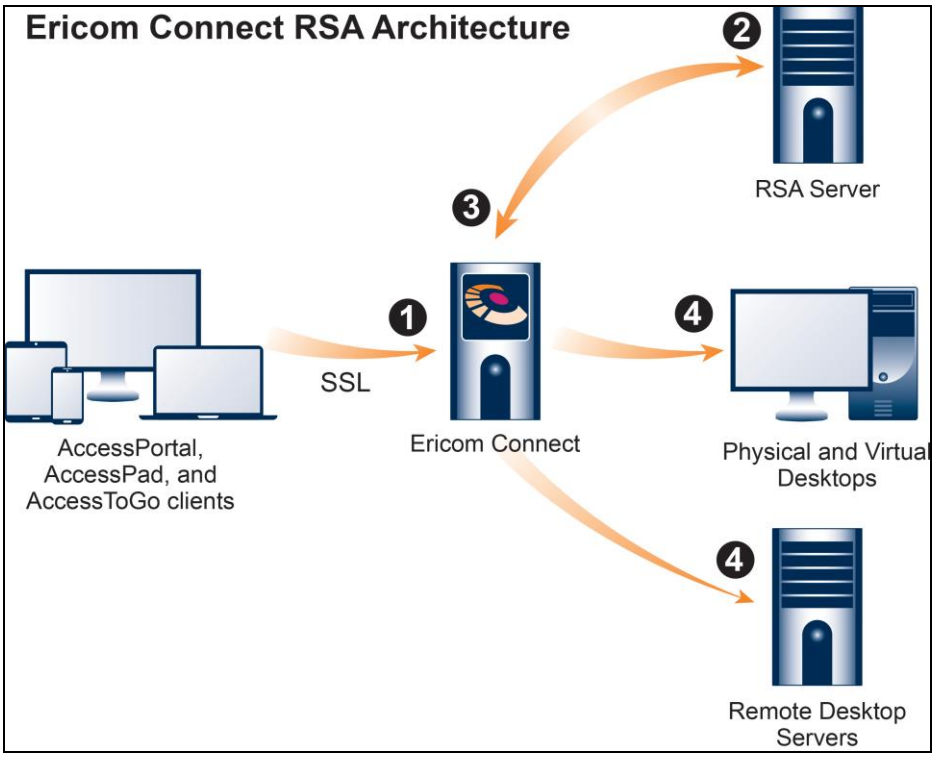
Partner Information

Product Information	
Partner Name	Ericom Software
Web Site	www.ericom.com
Product Name	Connect
Version & Platform	7.1
Product Description	Ericom Connect is a powerful connection broker, providing secure, centrally managed access to Windows applications and desktops residing on various types of hosting platforms, including Terminal Servers (RDS), virtual desktops (VDI), web applications and cloud services.

Solution Summary

Ericom Connect provides single-factor-authentication based on user credentials that are stored 'built-in' in Ericom Connect Server or reside on the organization's Directory Server database. By integrating with RSA SecurID, this solution is enhanced with two-factor authentication.

RSA Authentication Manager supported features	Ericom Connect
RSA SecurID Authentication via Native RSA SecurID UDP Protocol	No
RSA SecurID Authentication via Native RSA SecurID TCP Protocol	No
RSA SecurID Authentication via RADIUS Protocol	Yes
RSA SecurID Authentication via IPv6	No
On-Demand Authentication via Native SecurID UDP Protocol	No
On-Demand Authentication via Native SecurID TCP Protocol	No
On-Demand Authentication via RADIUS Protocol	Yes
Risk-Based Authentication	No
RSA Authentication Manager Replica Support	No
Secondary RADIUS Server Support	No
RSA SecurID Software Token Automation	No
RSA SecurID SD800 Token Automation	No
RSA SecurID Protection of Administrative Interface	No



Agent Host Configuration

To facilitate communication between Ericom Connect and the RSA Authentication Manager / RSA SecurID Appliance, an Agent Host record must be added to the RSA Authentication Manager database. The Agent Host record identifies Ericom Connect and contains information about communication and encryption.

Set the Agent Type to "Radius Client" when adding the Authentication Agent. This setting is used by the RSA Authentication Manager to determine how communication with Ericom Connect will occur.

Since Ericom Connect will be communicating with RSA Authentication Manager via RADIUS, then a RADIUS client that corresponds to the agent host record must be created in the RSA Authentication Manager. RADIUS clients are managed using the RSA Security Console.

The following information is required to create a RADIUS client:

- Hostname
- IP Addresses for network interfaces
- RADIUS Secret

Note: The RADIUS client's hostname must resolve to the IP address specified.

Please refer to the appropriate RSA documentation for additional information about creating, modifying and managing Authentication Agents and RADIUS clients.

Partner Product Configuration

Before You Begin

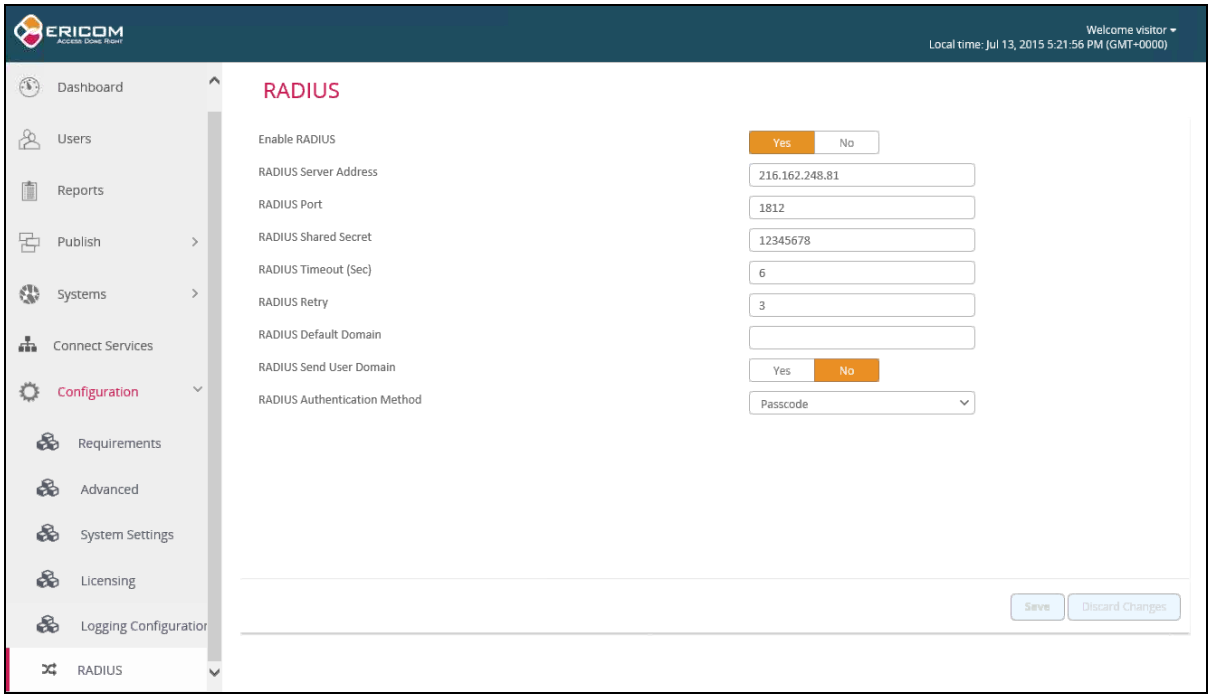
This section provides instructions for configuring Ericom Connect with RSA SecurID Authentication. This document is not intended to suggest optimum installations or configurations.

It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.

All Ericom Connect components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

Configure Ericom Connect Server for SecurID Authentication

1. Logon to the Ericom Connect Server Administrator console and open the **Radius** section under **Configuration**.
2. Set **RADIUS enabled** to **Yes** and configure the RSA Authentication Manager server settings.



- Enter the **RADIUS Server Address**.
- Set the **RADIUS Port** to **1812** or **1645** (by default).
- Enter the **Shared Secret**.
- Set the **Authentication Method** to **Passcode**.

RSA SecurID Login Screens

Login screen:

User-defined New PIN:

System-generated New PIN:

Next Tokencode:

Certification Test Checklist for RSA Authentication Manager

Certification Environment

Product Name	Version Information	Operating System
RSA Authentication Manager	8.1 SP1	Virtual Appliance
Ericom Connect	7.1	Windows Server 2012 R2

RSA SecurID Authentication

Date Tested: July 13th, 2015

Mandatory Functionality	RSA Native UDP Agent	RSA Native TCP Agent	RADIUS Client
New PIN Mode			
Force Authentication After New PIN	N/A	N/A	✓
System Generated PIN	N/A	N/A	✓
User Defined (4-8 Alphanumeric)	N/A	N/A	✓
User Defined (5-7 Numeric)	N/A	N/A	✓
Deny 4 and 8 Digit PIN	N/A	N/A	✓
Deny Alphanumeric PIN	N/A	N/A	✓
Deny PIN Reuse	N/A	N/A	✓
Passcode			
16 Digit Passcode	N/A	N/A	✓
4 Digit Fixed Passcode	N/A	N/A	✓
Next Tokencode Mode			
Next Tokencode Mode	N/A	N/A	✓
On-Demand Authentication			
On-Demand Authentication	N/A	N/A	✓
On-Demand New PIN	N/A	N/A	✓
Load Balancing / Reliability Testing			
Failover (3-10 Replicas)	N/A	N/A	N/A
No RSA Authentication Manager	N/A	N/A	✓

PEW / PAR

✓= Pass ✗ = Fail N/A = Not Applicable to Integration