How to Configure RSA-ACE SecurID Authentication

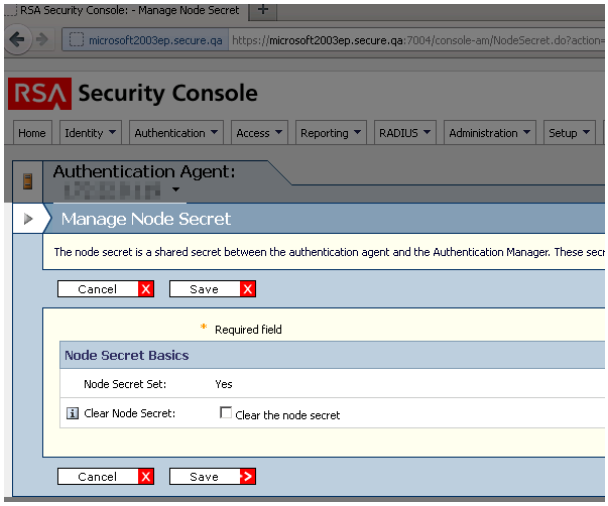
RSA-ACE is a commonly used two-factor authentication method for the authentication of network and VPN users. When authenticating with an RSA-ACE server, users can sign in with the username and password, consisting of PIN and RSA SecurID provided by a token.

In this article:

Before you Begin

RSA-ACE does not provide group information. If you want to create groups, follow the instructions given in How to Configure Explicit Groups.

For authentication against the Barracuda NextGen Firewall F-Series using an RSA-ACE authentication server, verify that the **Clear Node Secret** is properly set:



Step 1. Configure the RSA-ACE Server

Before configuring RSA-ACE authentication, you must prepare the RSA-ACE server:

1. Create an **Agent Host** and add the users who want to authenticate over the Barracuda NextGen Firewall F-Series.

   The hostname must be DNS resolvable (Box IP address of the Barracuda NextGen Firewall F-Series and ACE-Server IP address). Time on the Barracuda NextGen Firewall F-Series must be the same as on the ACE server.

   - **Encryption** = DES
   - **Type** = Unix Agent

2. **Assign Acting Server**.

3. Export the configuration to insert it in the **RSA-ACE Authentication** configuration as explained in **Step 2**.

Users who want to authenticate over proxy must be authenticated for the first time not over the Barracuda NextGen Firewall F-Series because the PIN number validation is not supported.

Step 2. Configure RSA-ACE Authentication

1. Go to **CONFIGURATION > Configuration Tree > Box > Infrastructure Services > Authentication Service**.
2. In the left navigation pane, select **RSA-ACE Authentication**.
3. Click **Lock**.
4. Enable RSA-ACE as external directory service.
5. In the **RSA Configuration File** section, import the configuration file that is provided by the RSA SecurID server (sdconf.rec).
6. Enter the IP address of the RSA server.
7. In the **DNS Resolved IP** field, enter the IP address that is used to connect to the RSA server. This IP address must match the configured client IP address that the server has; otherwise, the connection is refused.
8. If group information is queried from a different authentication scheme, select the scheme from the **User Info Helper Scheme** list.
9. Click **Send Changes** and **Activate**.

RSA-ACE SecurID Authentication through the Remote Management Tunnel

To allow remote F-Series Firewalls to connect to the authentication server through the remote management tunnel, you must activate the outbound **BOX-AUTH-MGMT-NAT** Host Firewall rule. By default, this rule is disabled.

Figures