

How to Configure RSA-ACE SecurID Authentication

<https://campus.barracuda.com/doc/41116011/>

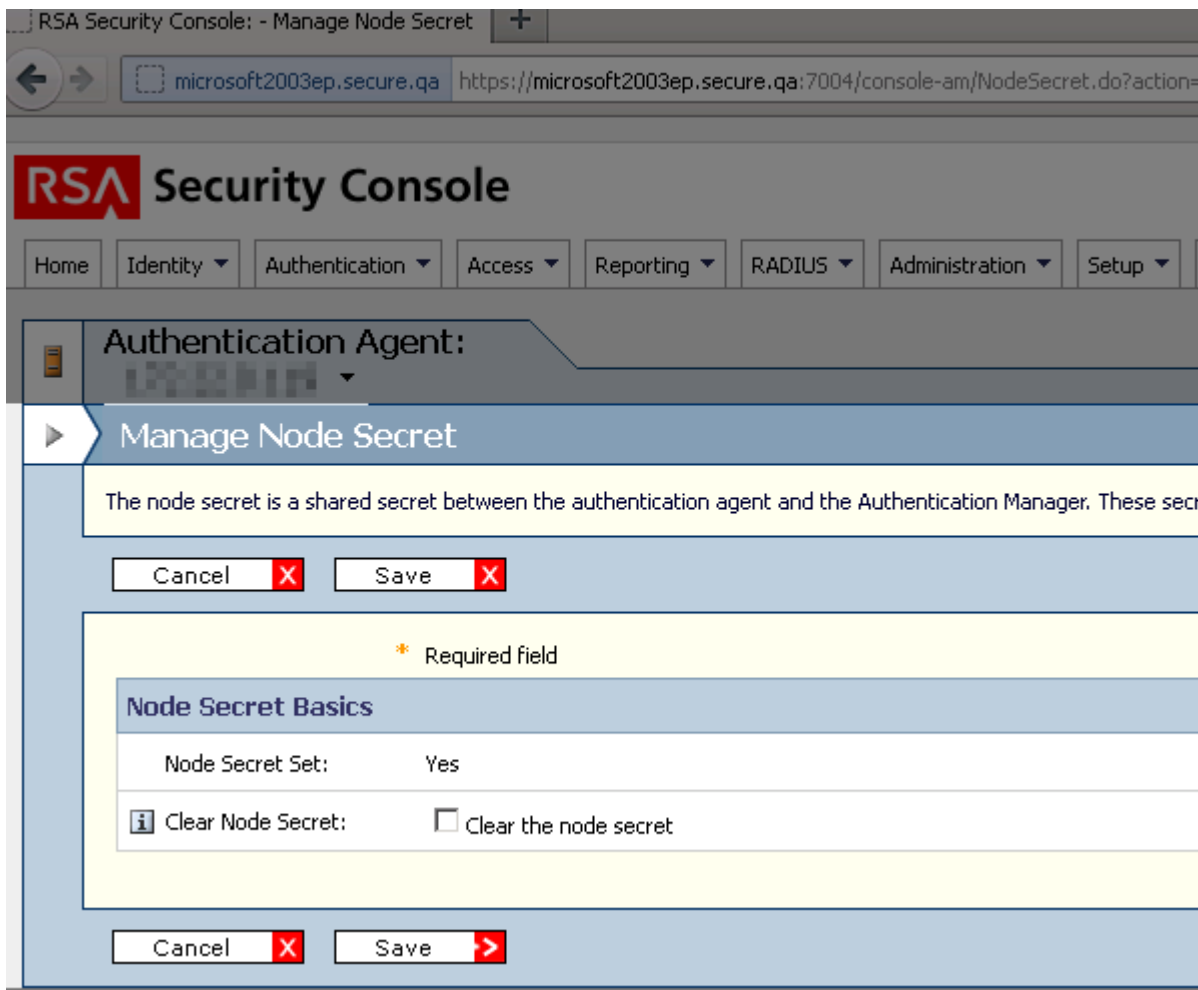
RSA-ACE is a commonly used two-factor authentication method for the authentication of network and VPN users. When authenticating with an RSA-ACE server, users can sign in with the username and password, consisting of PIN and RSA SecurID provided by a token.

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 NG Firewall using an RSA-ACE authentication server, verify that the **Clear Node Secret** is properly set:



RSA Security Console: - Manage Node Secret

microsoft2003ep.secure.qa https://microsoft2003ep.secure.qa:7004/console-am/NodeSecret.do?action=

RSA Security Console

Home Identity Authentication Access Reporting RADIUS Administration Setup

Authentication Agent: **Manage Node Secret**

The node secret is a shared secret between the authentication agent and the Authentication Manager. These secret

Cancel Save

* Required field

Node Secret Basics

Node Secret Set: Yes

Clear Node Secret: Clear the node secret

Cancel Save

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 NG Firewall.
The hostname must be DNS resolvable (Box IP address of the Barracuda NG Firewall and ACE-Server IP address). Time on the Barracuda NG Firewall 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 NG Firewall because the PIN number validation is not supported.

Step 2. Configure RSA-ACE Authentication

1. Open the **Authentication Service** page (**Config > Full Config > Box > Infrastructure Services**).
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 NG 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

1. rsa-ace.png

© Barracuda Networks Inc., 2019 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.