RSA SECURID® ACCESS
Implementation Guide

Zoho
ManageEngine Password Manager Pro

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RSA READY

Solution Summary

ManageEngine Password Manager Pro (PMP) stores encrypted administrative passwords for enterprise resources. It enables IT managers to maintain a central repository of passwords, enforce standard password policies and control unauthorized user access to shared passwords. ManageEngine Password Manager Pro supports Active Directory, LDAP, local authentication and single sign-on. Single sign-on is supported via SAML using a SP initiated authentication flow. The PMP integration with RSA Authentication Manager introduces an extra level of security by enabling RSA SecurID two-factor authentication.

RSA SecurID Access Features	
ManageEngine Password Manager Pro 7.6	
On Premise Methods	
RSA SecurID	✓
On Demand Authentication	✓
Risk-Based Authentication (AM)	-
Cloud Authentication Service Methods	
Authenticate App	✓
FIDO Token	✓
SSO	
SAML SSO	✓
HFED SSO	-

Identity Assurance	
Collect Device Assurance and User Behavior	✓

Supported Authentication Methods by Integration Point

This section indicates which authentication methods are supported by integration point. The next section (Configuration Summary) contains links to the appropriate configuration sections for each integration point.

ManageEngine Password Manager Pro integration with RSA Cloud Authentication Service

Authentication Methods	REST	IDR SAML	Cloud SAML	HFED	RADIUS
RSA SecurID	-	✓	n/t	-	-
LDAP Password	-	✓	n/t	-	-
Authenticate Approve	-	✓	n/t	-	-
Authenticate Tokencode	-	✓	n/t	-	-
Device Biometrics	-	✓	n/t	-	-
SMS Tokencode	-	✓	n/t	-	
Voice Tokencode	-	✓	n/t	-	
FIDO Token		✓	n/t	-	

ManageEngine Password Manager Pro integration with RSA Authentication Manager

Authentication Methods	REST	RADIUS	UDP Agent	TCP Agent
RSA SecurID	-	-	✓	-
AM RBA		-	-	

✓ Supported
\- Not supported
n/t Not yet tested or documented, but may be possible

Configuration Summary

All of the supported use cases of RSA SecurID Access with ManageEngine PMP require both server-side and client-side configuration changes. This section of the guide includes links to the appropriate sections for configuring both sides for each use case.

RSA Cloud Authentication Service – ManageEngine PMP can be integrated with RSA Cloud Authentication Service in the following way:

SAML via RSA Identity Router (IdP)

Cloud Authentication Service – Identity Router IdP Configuration
ManageEngine Password Manager Pro SAML Configuration

RSA Authentication Manager – MangeEngine Password Manager Pro can be integrated with RSA Authentication Manager in the following way:

UDP Agent

Authentication Manager UDP Agent Configuration
ManageEngine Password Manager Pro UDP Agent Configuration

RSA SecurID Access Configuration

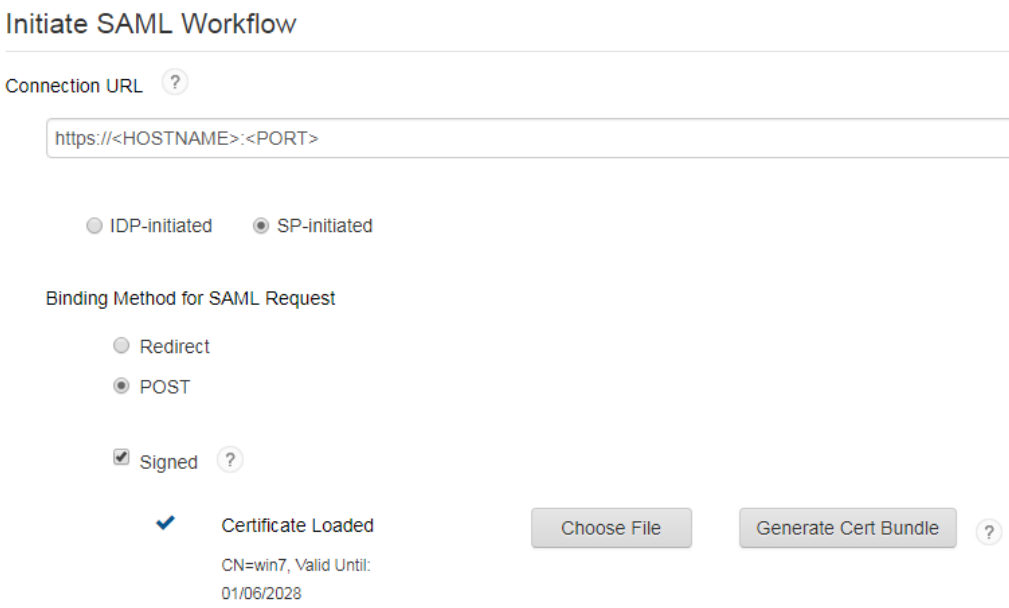
RSA Cloud Authentication Service Configuration

SAML via RSA Identity Router (IdP)

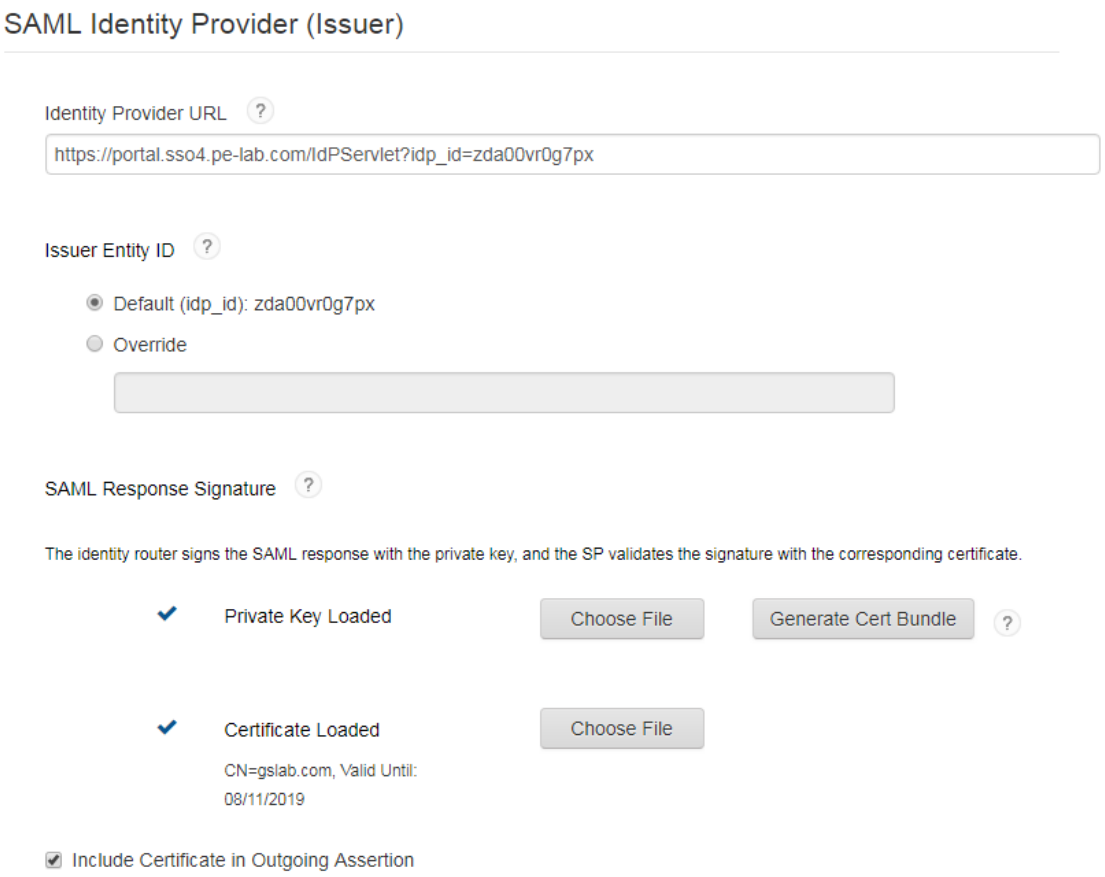
To configure a SAML Service Provider in RSA Identity Router, you must deploy the connector for MangeEngine Password Manager Pro in the RSA SecurID Access Console. During configuration of the IdP you will need some information from the SP. This information includes (but is not limited to) Assertion Consumer Service URL and Service Provider Entity ID.

1. Logon to the RSA SecurID Access console and browse to **Applications** > **Application Catalog**, search for ManageEnginePMP and click **+Add** to add the connector.

2. Enter a name for the application in the **Name** field on the Basic Information page and click the **Next Step** button.
3. Navigate to Initiate SAML Workflow section.
    a. In the **Connection URL** field, enter the value of your ManageEngine PMP server Hostname and Port.
    b. Choose **SP-initiated.**
    c. Select checkbox **Signed**. Click on **Choose File** and select **public certificate** of your ManageEngine Password Manager Pro server.



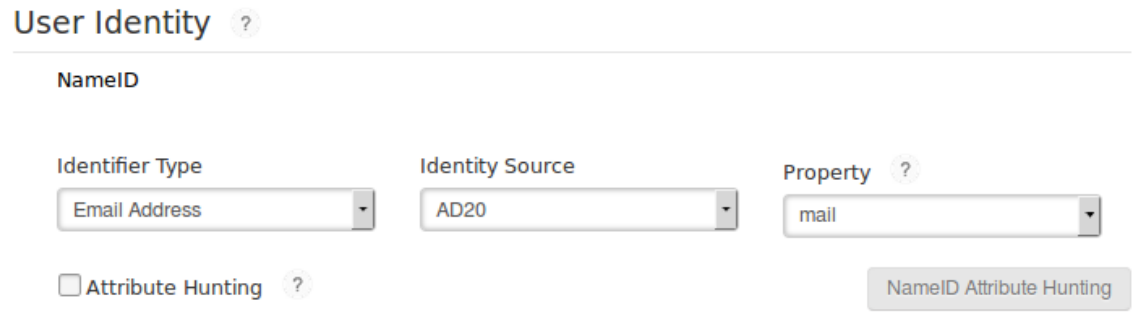
4. Scroll down to SAML Identity Provider (Issuer) section.



a. Make a note of **Identity Provider URL** field value, as it will be needed later to configure the Service Provider configuration.
b. Select **Default (idp_id)** for value for the **Issuer Entity ID**. Make sure that same **Issuer ID** is provided at SP-side SAML configuration.
c. Select **Choose File** and upload the private key.
d. Select **Choose File** to import the public signing certificate.
e. Select the checkbox for **Include Certificate in Outgoing Assertion**.

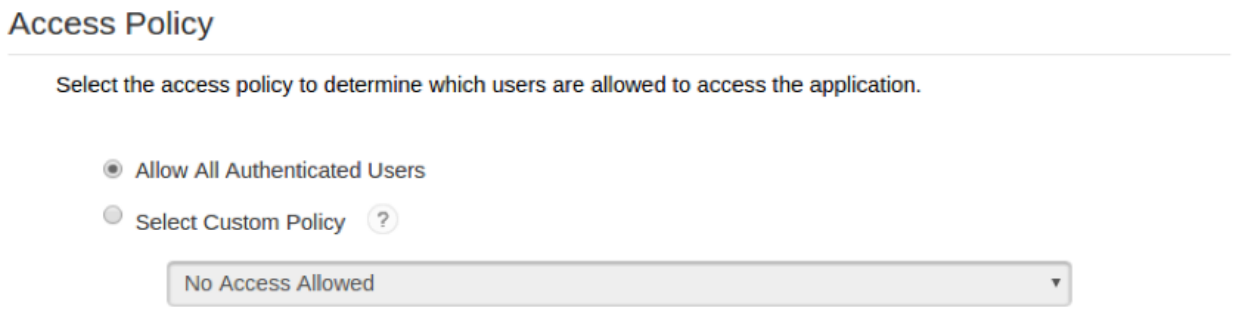
5. Scroll down to the **Service Provider** section.

6. In the **Assertion Consumer Service (ACS) URL** field, replace <HOSTNAME> and <PORT> with your ManageEngine Password Manager Pro server Site Hostname and Port.
7. In the **Audience (Service Provider Issuer ID)** field, provide the value as per received with service provider.
8. Scroll down to the **User Identity** section. Verify the settings are correct for your environment. In this example the username to be presented in email format and the user account will be validated against the User Store selected.

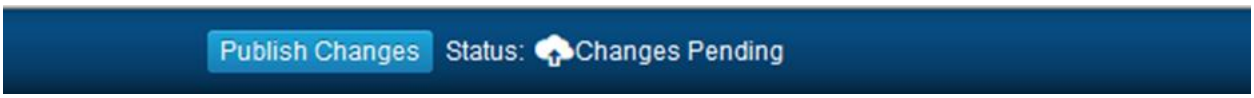


10. Click **Next Step**.

12. On the User Access page, select **Allow All Authenticated Users** user policy from the available options.



13. Click **Next Step**.
14. On the **Portal Display** page, select **Display in Portal**.
15. Click **Save and Finish**.
16. Click **Publish Changes**.



Refer to the **MangeEngine Password Manager Pro SAML Configuration** section for instructions on how to configure the service provider for SAML SSO.

RSA Authentication Manager Configuration

UDP Agent

To configure your RSA Authentication Manager for use with a UDP-based agent, you must create an agent host record in the Security console of your Authentication Manager and download its configuration file (sdconf.rec).

- Hostname: Configure the agent host record name to match the hostname of the agent.
- IP Address: Configure the agent host record to match the IP address of the agent.

> **Important: Authentication Manager must be able to resolve the IP address from the hostname.**

Partner Product Configuration

Before You Begin

This section provides instructions for configuring the ManageEngine Password Manager Pro with RSA SecurID Access. 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.

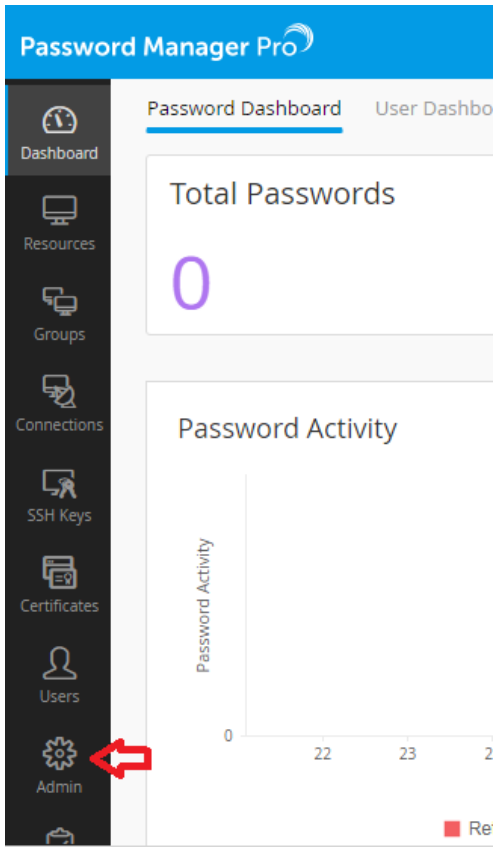
All ManageEngine Password Manager Pro components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

ManageEngine Password Manager Pro Configuration

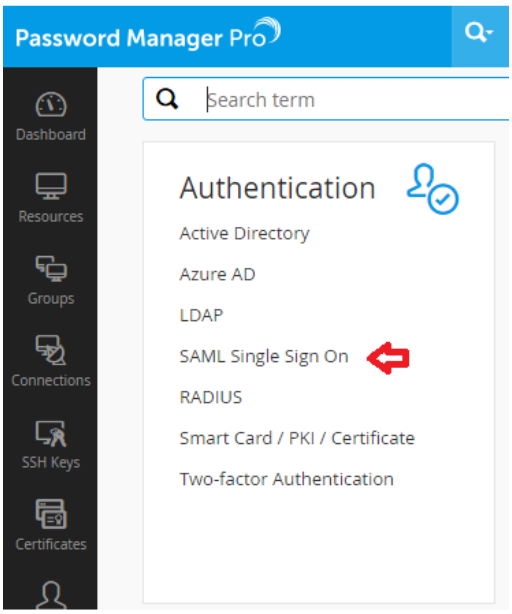
ManageEngine Password Manager Pro SAML Configuration

Complete the steps in this section to integrate ManageEngine Password Manager Pro with RSA SecurID Access using SAML authentication protocol.

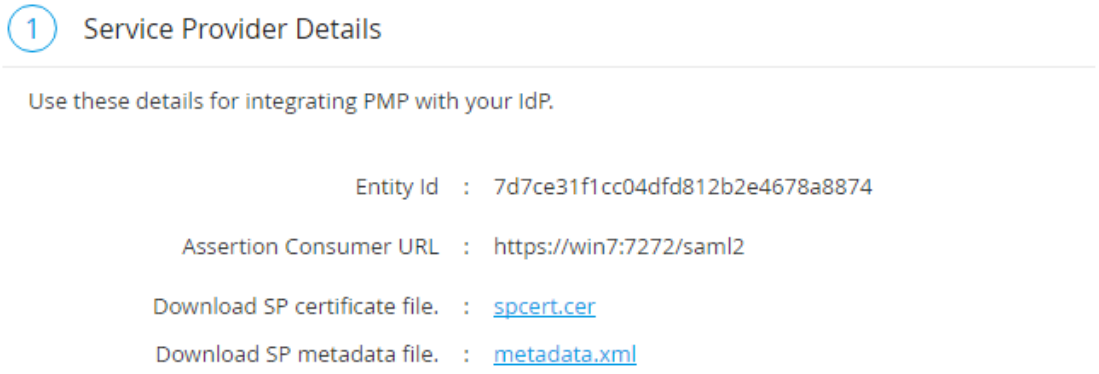
1. Login to your ManageEngine Password Manager Pro server as an Administrator.
2. On the displayed page, in the left panel, click on ***Admin***.



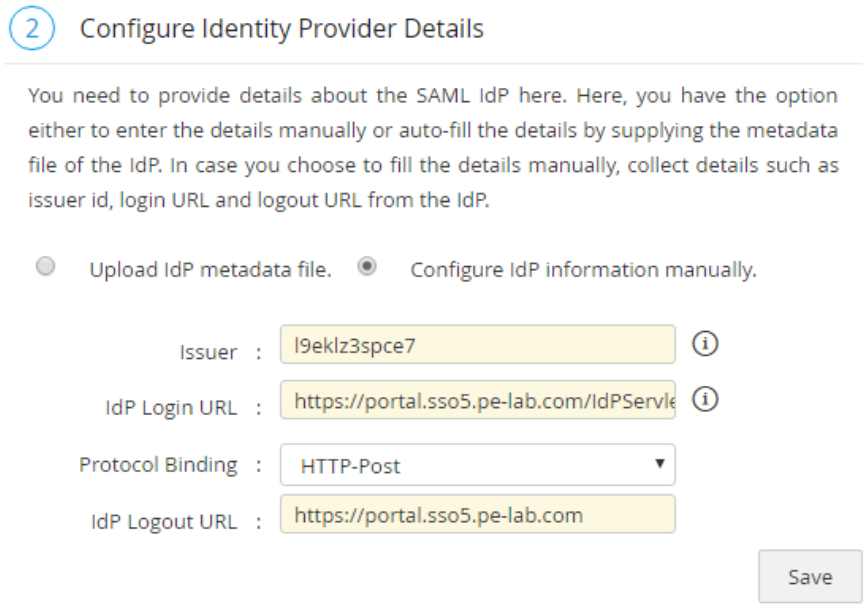
3. On the Displayed page, in the *Authentication* section, click on **SAML Single Sign on**.



4. On the displayed page, in the first *Service Provider Details* section, note down the value of **Entity ID** and **ACS URL**. Download *SP certificate file* which will be used in IDP configuration.

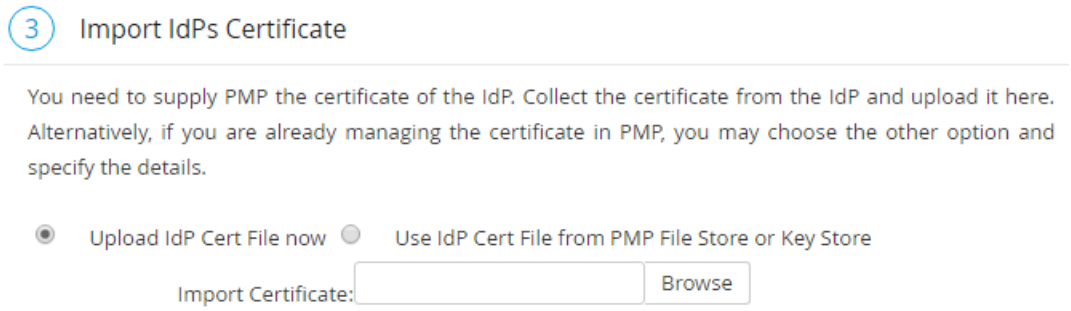


5. In the second *Configure Identity Provider Details* section, select **Configure IdP information manually**.

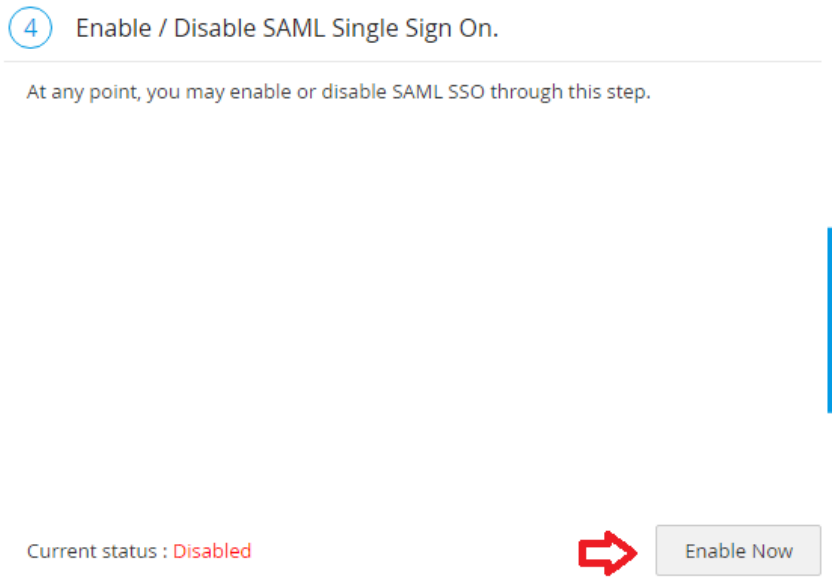


a. In **Issuer** field, enter your **IDP ID**.
b. In the **IdP Login URL** field, enter **IDP URL**.
c. In the **Protocol Binding** section, select *HTTP-Post*.
d. In the **IdP Logout URL** section, enter login URL of IDP.
e. Click on **Save**.

6. Scroll down to the third section. Select **Upload IdP Cert File now** option. Click on **Browse** to select your **IDP public certificate**. Click on **Save**.



7. In the fourth section, Click on Enable Now to enable SAML authentication.

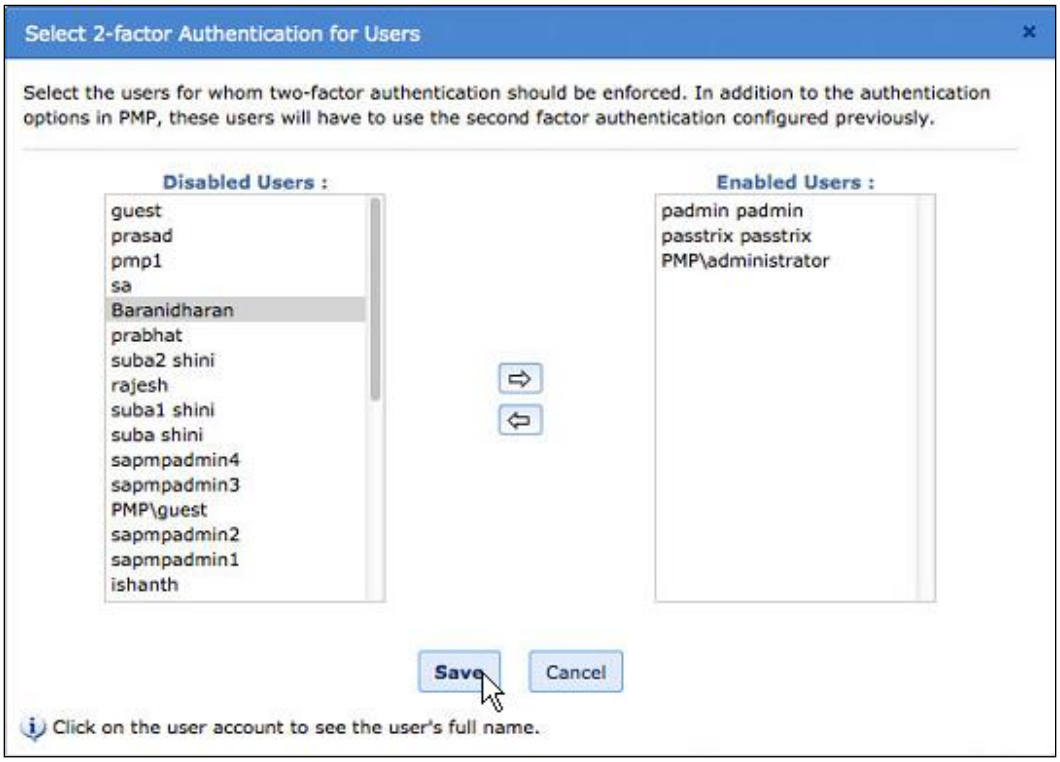


8. Your ManageEngine Password Manager Pro account is now enabled for SAML Single Sign on.

ManageEngine Password Manager Pro UDP Agent Configuration

Configure the Password Manager Pro for RSA SecurID Authentication

1. Contact RSA to get a copy of the RSA Authentication Agent API and copy the API jar files and the *rsa_api.properties* file to the *%PMP_HOME%/PMP/lib* directory.
2. Open the *%PMP_HOME%/PMP/bin/rsa_api.properties* file and set the *RSA_AGENT_HOST* property value to the PMP server hostname or IP Address.
3. Log in to the PMP admin console, click the **Admin** tab and select the **Two Factor Authentication** menu.
4. Select the **RSA SecurID** radio button and click the **Save** button.
5. Click the **Admin** tab, select the **Users** menu and click the **Set 2-factor authentication** button.
6. Scroll to the **Disabled Users** list, select all of the users who will be required to authenticate with RSA SecurID and click the right arrow button. The users you selected should appear in the **Enabled Users** list.



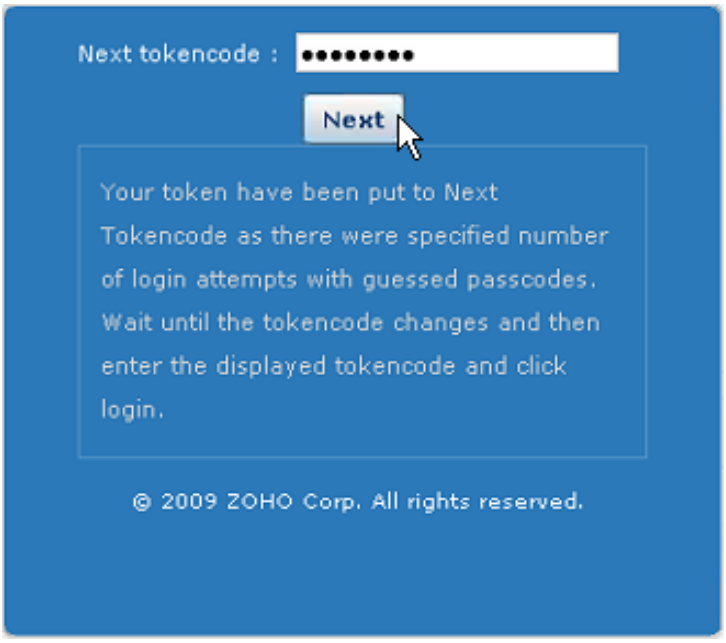
7. Click the **Save** button.

Login Screenshots

Login screen:

User-defined New PIN:

Next Tokencode:



Certification Checklist for RSA SecurID Access

Certification Environment Details:

RSA Authentication Manager 8.1, Virtual Appliance

RSA Authentication Agent 8.1, SUSE Linux Enterprise Server 11 SP3

ManageEngine Password Manager Pro, 7.6, Windows 7

RSA Authentication Manager

Date Tested: March 27, 2015

Authentication Method	REST Client	UDP Agent	TCP Agent	RADIUS Client
RSA SecurID	-	✓	-	-
RSA SecurID Software Token Automation	-	-	-	-
On Demand Authentication	-	-	-	-
Risk-Based Authentication		-		-

✓ = Passed, **X** = Failed, **-** = N/A

Known Issues

At the time of this testing the RSA Authentication Manager API failed to report a character restriction for PIN policies that require alphabetic characters. Instead, the API indicates that the PIN may be alphanumerical. As a result, the integration will prompt the user for an alphanumeric PIN under these circumstances.

Customers should limit their PIN policies to require either numeric or alphanumeric characters.

Appendix

RSA SecurID AccessIntegration Details

Partner Integration Details	
RSA Authentication Agent API (UDP)	8.1

RSA Authentication Agent Files (C and Java Agents only)

RSA SecurID Authentication Files	
UDP Agent Files	**Location**
sdconf.rec	*%PMP_HOME%/bin*
sdopts.rec	Not implemented
Node secret	*%PMP_HOME%/bin*
sdstatus.12	The RSA Web agent installation directory.