SailPoint
IdentityIQ 6.4

RSA Ready Implementation Guide for Administrative Interoperability

Last Modified: May 13, 2015

Partner Information

Product Information	
Partner Name	SailPoint
Web Site	www.sailpoint.com
Product Name	IdentityIQ
Version & Platform	6.4
Product Description	IdentityIQ, the industry's most innovative and complete on-premises IAM system, offers compliance, provisioning and access management in a unified solution, leveraging a common governance platform. IdentityIQ allows organizations to tailor complex IAM solutions to align with their unique business processes, while enabling end-users to participate in a wide variety of these processes.

Solution Summary

IdentityIQ is SailPoint's identity and access management (IAM) solution for enterprise customers who prefer an on-premise deployment. IdentityIQ resource connectors provide pre-packaged integrations with enterprise databases, directories, platforms and business applications running in their on-premise datacenters or in the cloud. The connectors allow businesses to provision and aggregate external user, account, entitlement and authentication credentials from a centralized location.

The SailPoint IdentityIQ RSA Authentication Manager resource connector enables RSA SecurID customers to manage RSA Authentication Manager users and groups, administrative roles and SecurID tokens from the IdentityIQ console.

Note: RSA Authentication Manager groups are represented as IdentityIQ account-groups, administrative roles are represented as IdentityIQ entitlements and RSA SecurID tokens are represented by IdentityIQ permissions.

SailPoint IdentityIQ Integration Features	
Add, modify and delete RSA Authentication Manager users	Yes
Add, modify and delete RSA Authentication Manager groups	Yes
Assign/unassign RSA SecurID tokens	Yes[1]
Enable/disable RSA SecurID tokens	Yes
Clear RSA SecurID token PINs	No
Reset RSA SecurID token PINs	Yes
Enable Risk-Based Authentication (RBA).	No
Change user's authentication method (PASSCODE, Fixed-Tokencode, On-Demand Token or RBA)	No
Perform initial import of RSA Authentication Manager resources	Yes
Reconcile RSA Authentication Manager identity source with the IAM data store.	Yes
Reconcile RSA SecurID tokens with the IAM data store.	Yes

Important: This guide contains instructions in that are necessary to deploy the RSA Authentication Manager connector. There are many configuration options that are out of the document's scope. See the SailPoint IdentityIQ administration documentation and the *SailPoint IdentityIQ RSA Authentication Manager Connector* guide for a complete list of the connector's features and comprehensive instructions for configuring them.

[1] The integration doesn't support token assignment for existing users. You can only assign a token when you create a new user.

Configuration

Before You Begin

This section provides instructions for enabling SailPoint IdentityIQ to provision RSA Authentication Manager resources. You should have working knowledge IdentityIQ, RSA Authentication Manager and RSA SecurID, as well as access to the appropriate end-user and administrative documentation. Ensure that that both products are running properly prior to configuring the integration.

Note: This document is not intended to suggest optimal installations or configurations.

Configure RSA Authentication Manager

Prerequisites

You must complete the following prerequisites on your IdentityIQ host to configure RSA Authentication Manager API security settings. Consult your *RSA Authentication Manager Developer's Guide* for version-specific instructions.

Important: Consult the *Getting Started* and *Advanced Usage* sections in the *RSA Authentication Manager 8.1 Developer's Guide* for instructions to perform the configuration procedures listed below.

1. Set the required Java system properties.
2. Set the required system environment settings.
3. Export the root certificate from the RSA Authentication Manager server.
4. Import the server root certificate (Java) the local cacerts keystore.

Set the Command Client User Name and Password

When you install RSA Authentication Manager, the system creates a user name and password for securing API connections to a command server. Follow the procedure below to obtain the command client user name and password from RSA Authentication Manager:

1. Open a command prompt on your RSA Authentication Manager host, change directories to *RSA_AM_HOME/utils* and enter the following command:

   rsautil manage-secrets --action list

2. When prompted, type your Operations Console username and password. (You created the Operations Console username and password when you configured RSA Authentication Manager.) The system will display the list of your internal system passwords.
3. Locate the values for your command client user name and password. For example:

   ```
   Command Client User Name ..................: CmdClient_ys0x7d41
   Command Client User Password ..............: e9SHbK0w4i
   ```

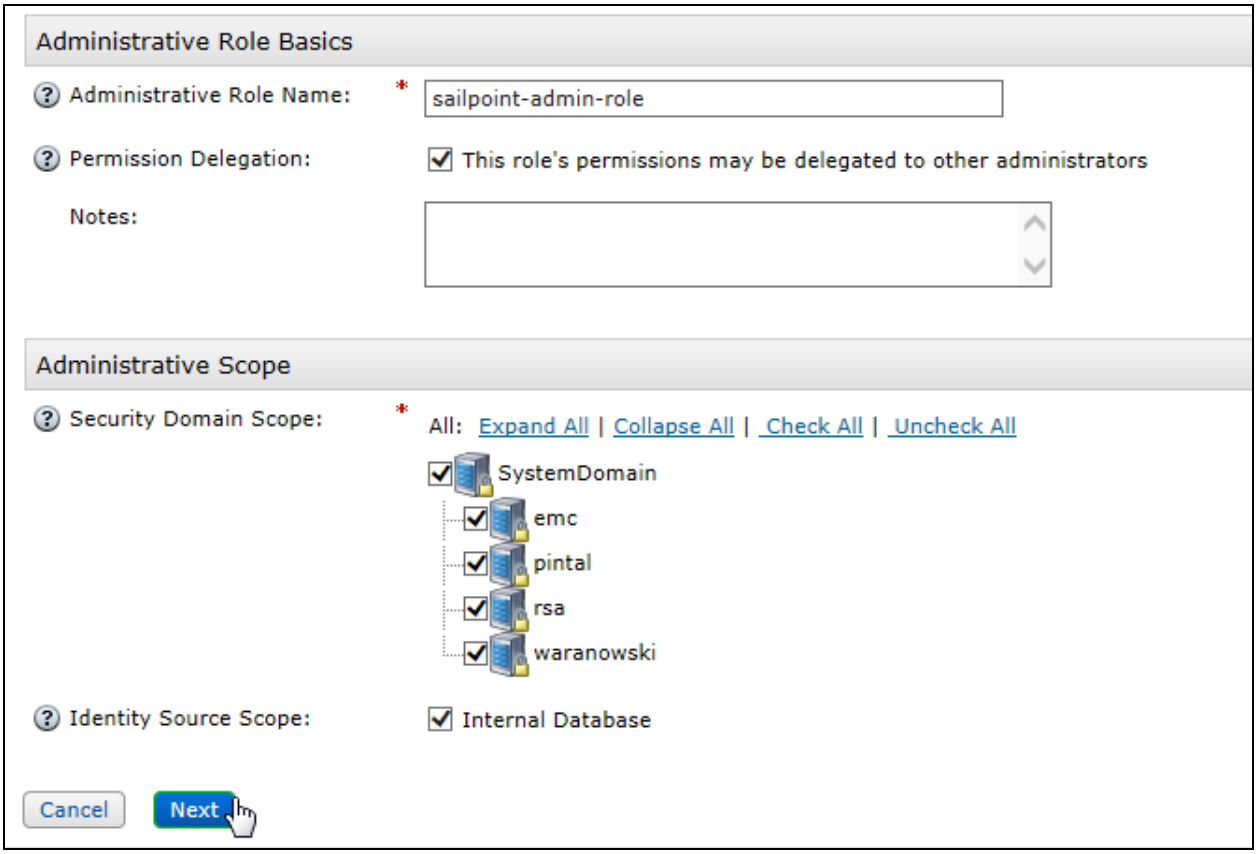
You will need these values when you configure IdentityIQ.

Important: Do not change the command client user name or password.

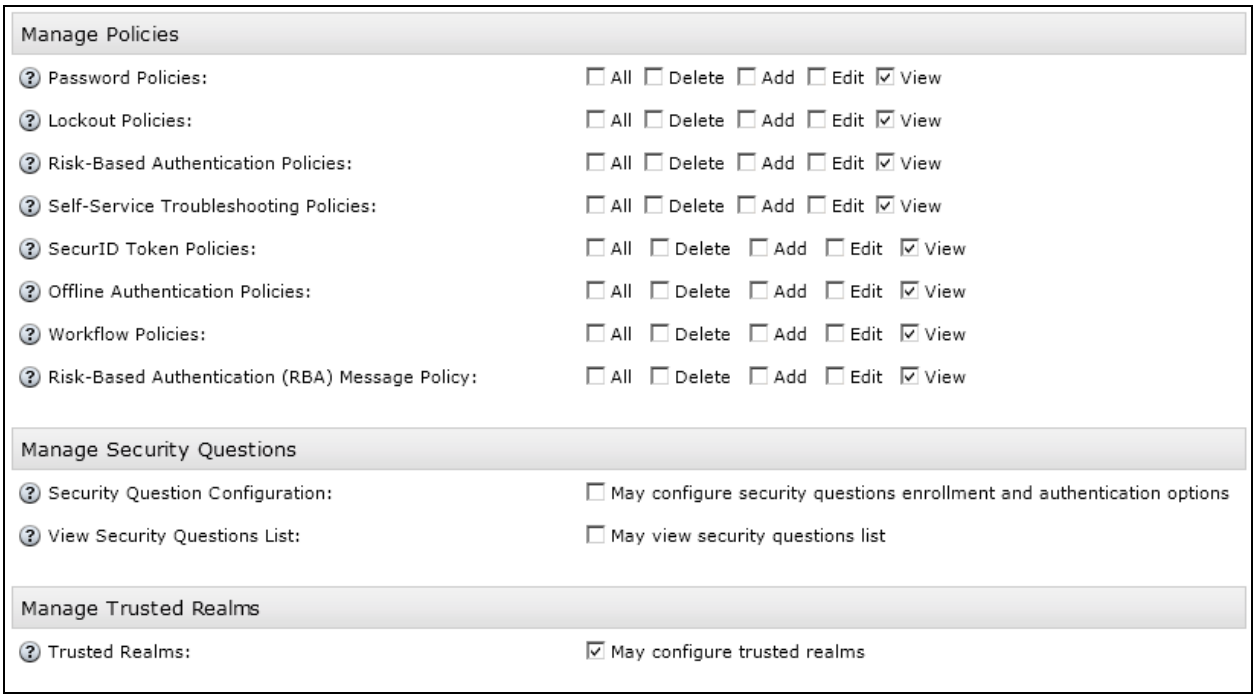
Create an RSA Authentication Manager Account for Connector Operations

The connector requires an RSA Authentication Manager administrative user account with special permissions in order to perform provisioning operations. Follow the steps below to create an administrative role and assign it to an RSA Authentication Manager administrative user:

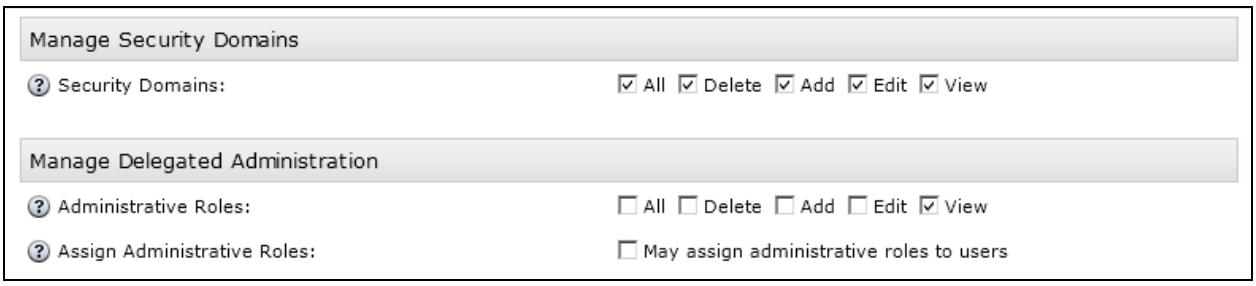
1. Log in to the RSA Security Console, select **Administration→Administrative Roles→Add New** and enter a name for the role in the **Administrative Role Name** field.
2. Select the **Permission Delegation** checkbox and optionally enter a description for the role in the **Notes** field.
3. Select the appropriate security domain(s) and identity source from the **Administrative Scope** section and click the **Next** button.



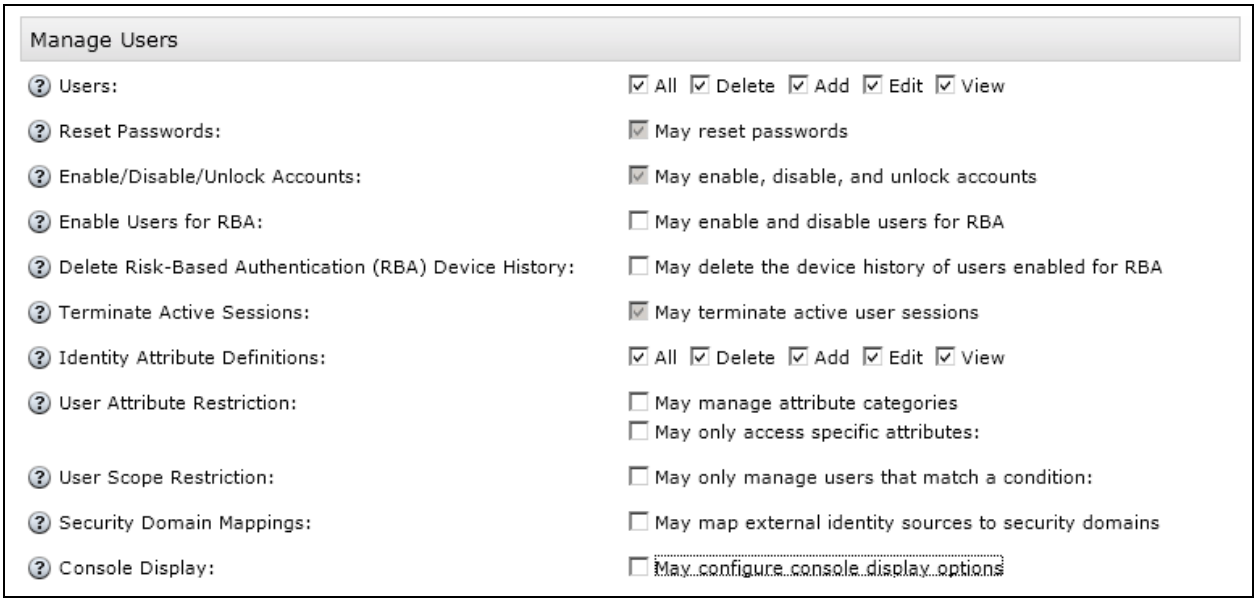
4. Select the **View** checkbox for each policy in **Manage Policies** section.
5. Select the **May configure trusted realms** checkbox in the **Manage Trusted Realms** section.



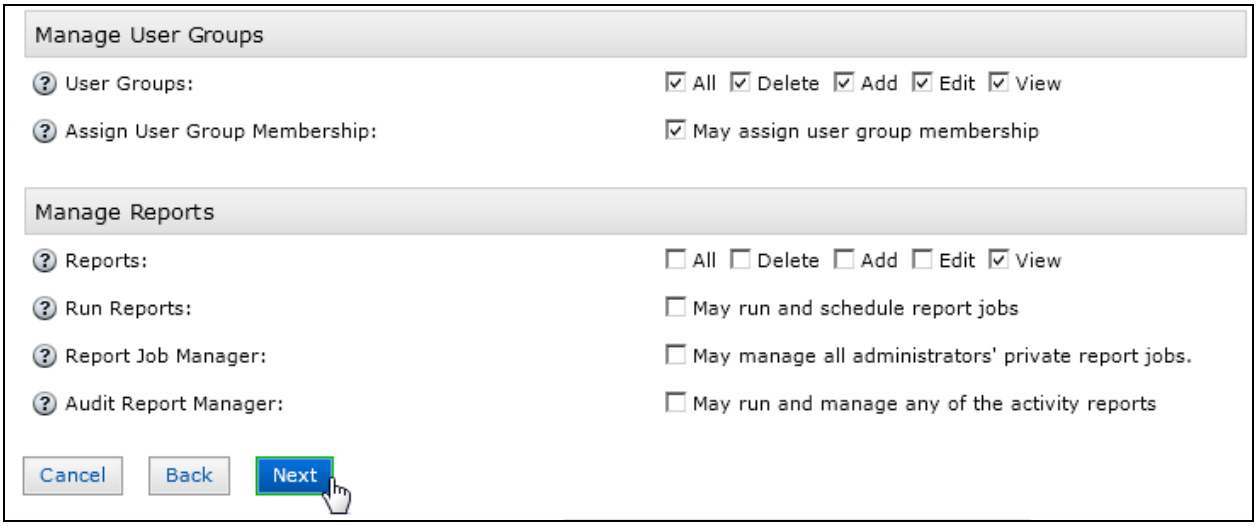
6. Select the **All** checkbox in the **Manage Security Domains** section**.**
7. Select the **View** checkbox in the **Manage Delegated Administration** section.



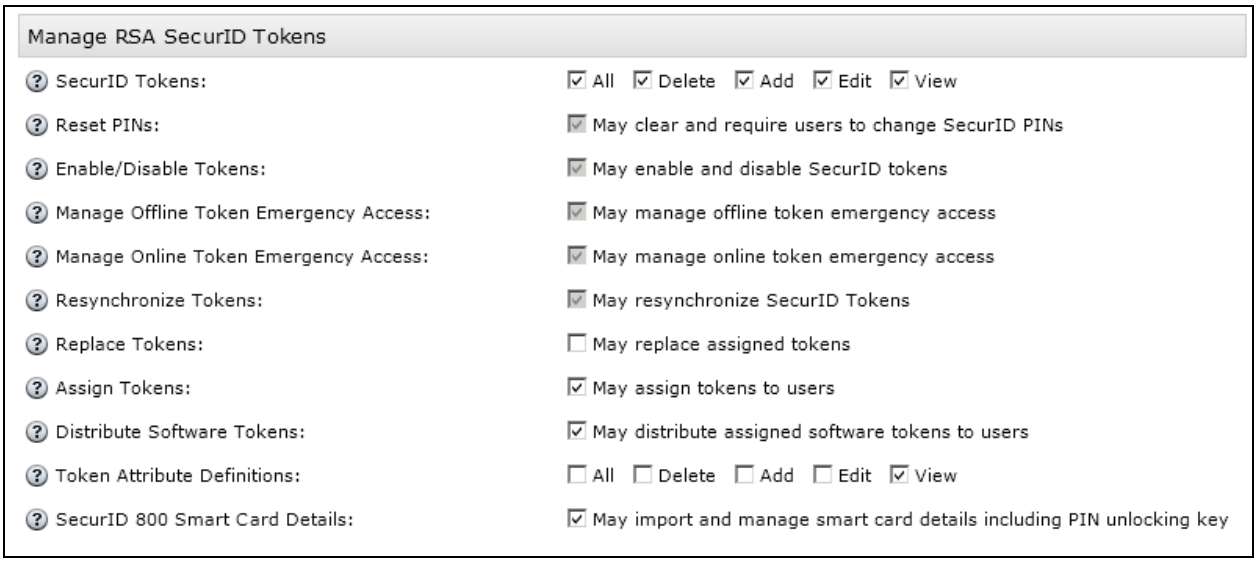
8. Select the **All** checkbox in the **Users** row and the **Identity Attribute Definitions** row in the **Manage Users** section.



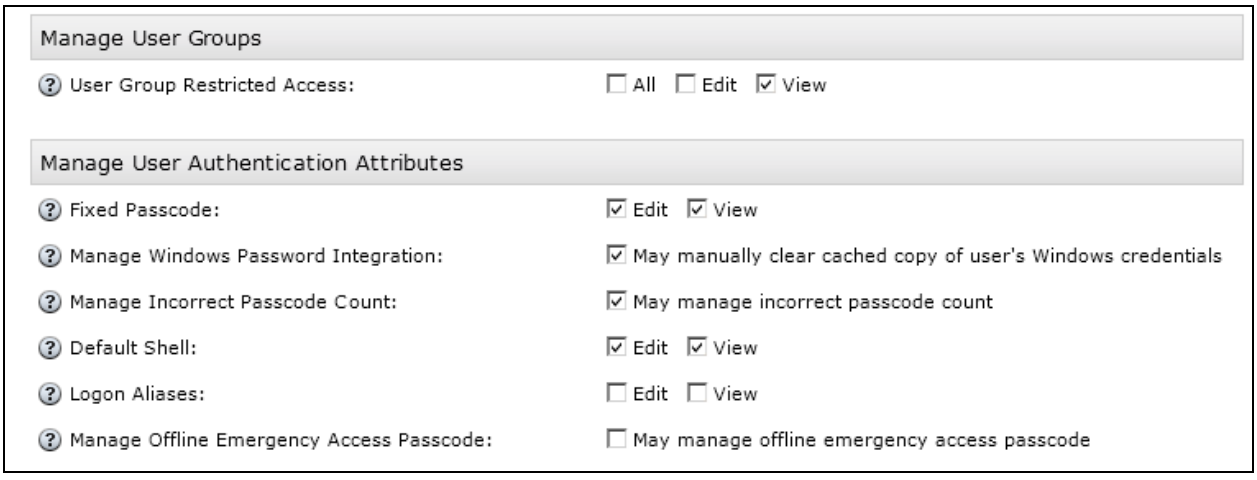
9. Select the **All** checkbox for the **User Groups** row in the **Manage User Groups** section.
10. Select the **May assign user group membership** checkbox in the **Manage User Groups** section.
11. Select the **View** checkbox for the **Reports** row in the **Manage Reports** section.
12. Click the **Next** button.



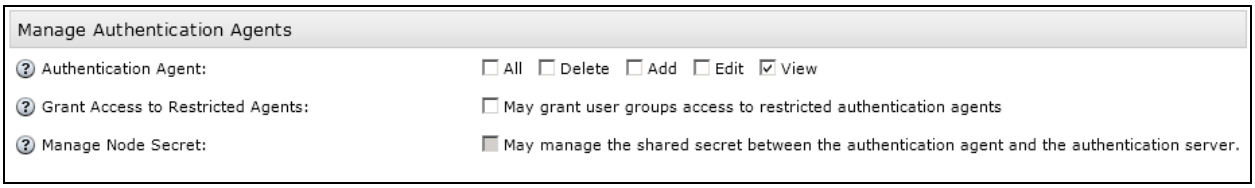
13. Go to the **Manage RSA SecurID Tokens** section and:
    - Select the **All** checkbox for the **SecurID tokens** row.
    - Select the **May assign tokens to users** checkbox.
    - Select the **May distribute assigned software tokens to users** checkbox.
    - Select the **May import and manage smart card details including PIN unlocking key** checkbox.



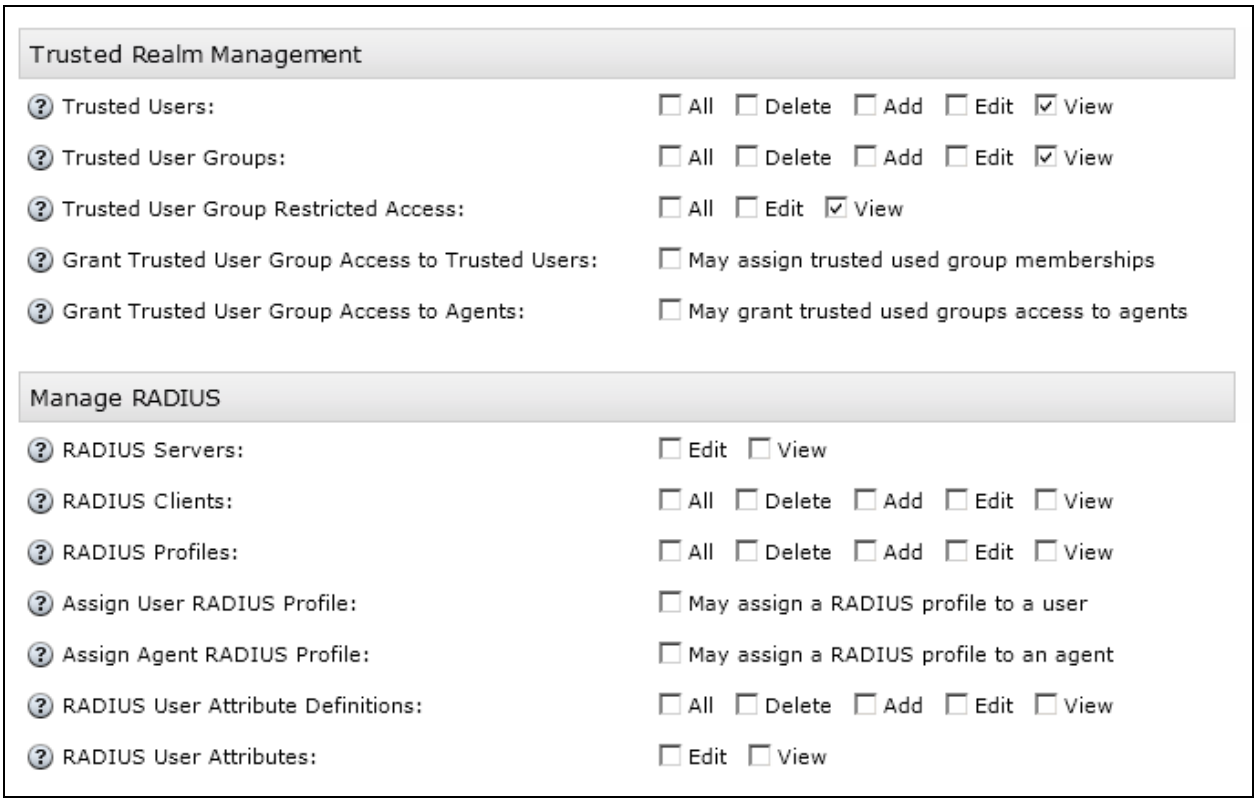
14. Select the **View** checkbox in the **Manage User Groups** section.
15. Go to the **Manage User Authentication Attributes** section and:
    - Select the **Edit** and **View** checkboxes in the **Fixed Passcode** row.
    - Select the **May manually clear cached copy of the user's Windows credentials** checkbox.
    - Select the **May manage incorrect passcode count** checkbox.
    - Select the **Edit** and **View** checkboxes in **the Default Shell** row.



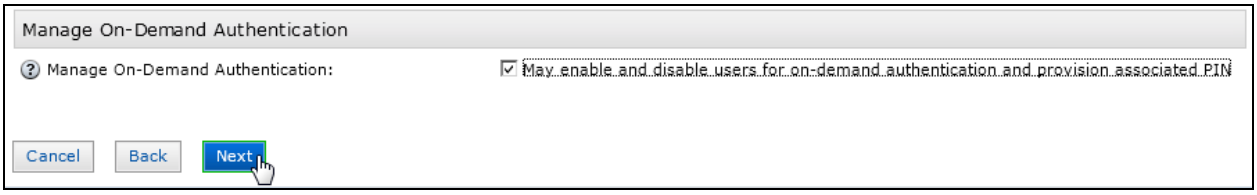
16. Select the **View** checkbox in the **Manage Authentication Agents** section.



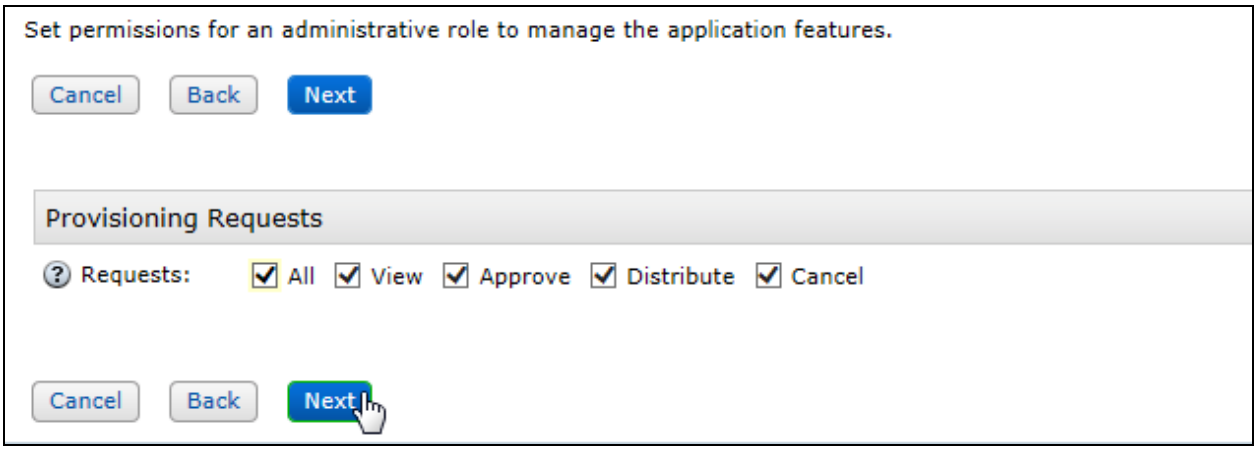
17. Go to the **Trusted Realm Management** section and select the **View** checkbox in the **Trusted Users** row, the **Trusted User Groups** row and the **Trusted User Group Restricted Access** row.



18. Select the **May enable and disable users for on-demand authentication and provision associated PIN** checkbox in the **Manage On-Demand Authentication** section and click the **Next** button.



19. Select the **All** checkbox in the **Provisioning Requests** section and click the **Next** button.



20. Review the summary and click the **Save and Finish** button.
21. Create a new RSA Authentication Manager administrative user[2] and assign the administrative role to that user. You will need the user's credentials when you configure IdentityIQ.

Important: The new user's account must not have an expiration date. When you create the account, select the **Does not expire** radio button in the **Account Information** section.

[2] See the *RSA Authentication Manager Administration Guide* for information about creating users and assigning administrative roles

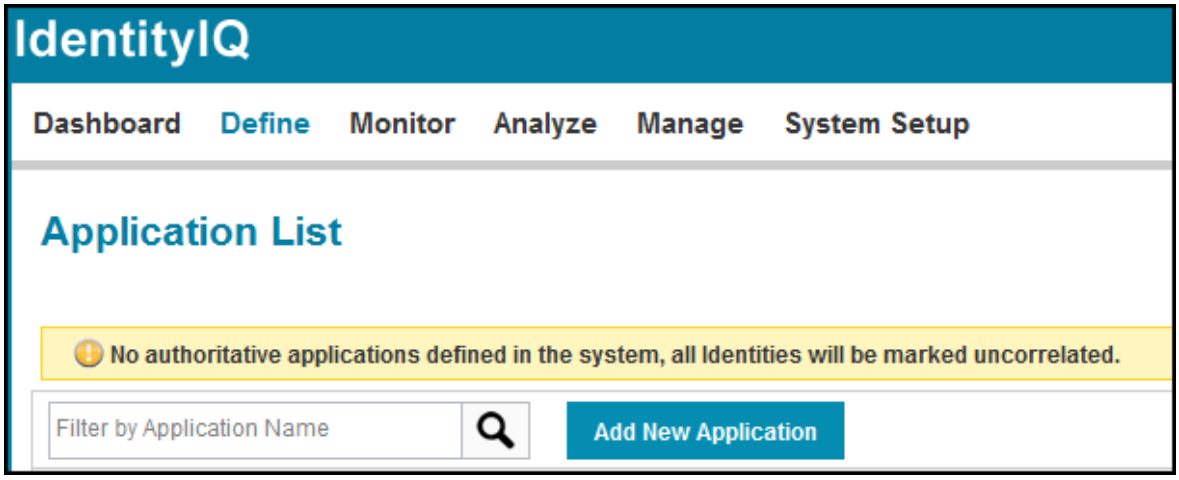
SailPoint IdentityIQ Configuration

You must define each application in your enterprise. Specify the connection properties, relevant attributes, targets and aggregation rules for each application. Use the **Application Configuration** page to define the applications in your enterprise. From this page you will specify the connection properties, relevant attributes, aggregation rules, and activity information for each application. Follow the steps below to create a new application:

1. Open a command prompt on the IdentityIQ host machine, navigate to the *identityiq* web application's *WEB-INF\bin* directory and type the following commands to launch the IdentityIQ console and import the *workflow_RSA_PIN_Reset.xml* configuration file

```
iis console
import  workflow_RSA_PIN_Reset.xml
```

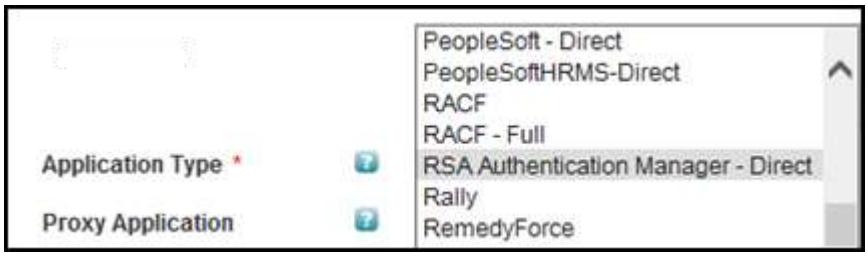
2. Login to IdentityIQ as a superadmin user.
3. Select the **Define** tab and click the **Add New Application** button.



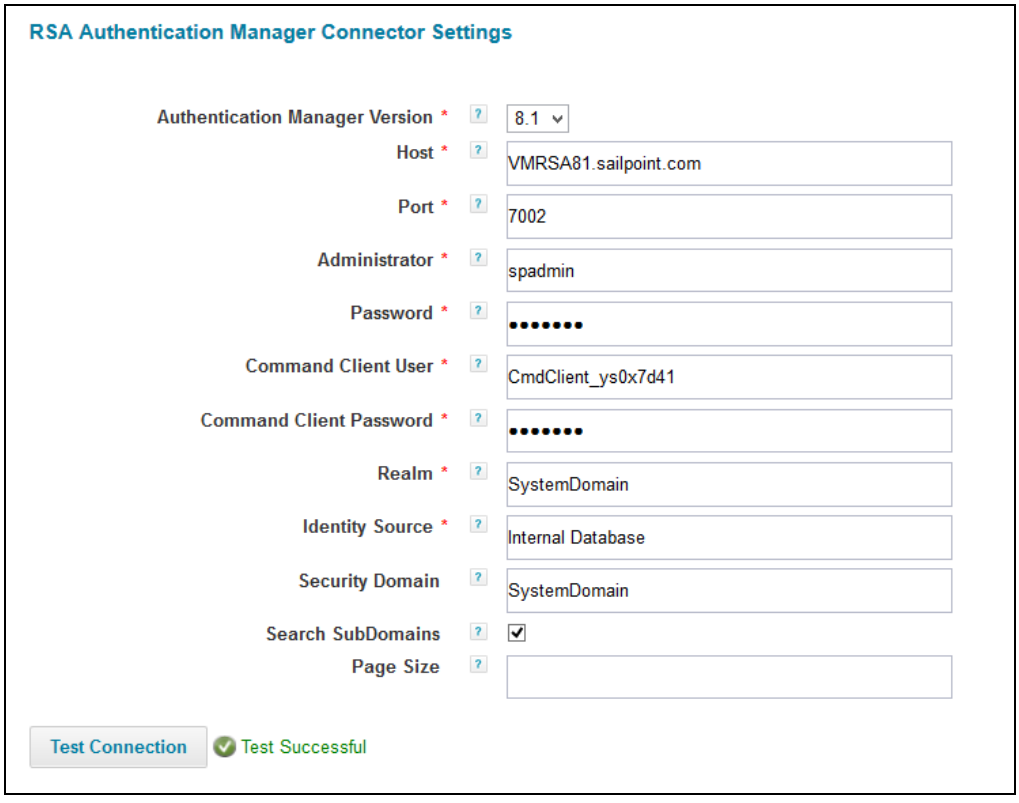
4. Choose a unique name to identify the application and enter it into the **Name** field.
5. Enter the name of the application's owner in the **Owner** field.

Note: Unless you include a revoker, the owner you specify will be responsible for the application's certification and account group certification. See the SailPoint IdentityIQ administration guide for details.

6. Select *RSA Authentication Manager – Direct* from the **Application Type** dropdown list.



7. Select the version of your RSA Authentication Manager server from the **Authentication Manager Version** dropdown list. The integration supports versions 8.0 and 8.1.
8. Enter the server's hostname and API connection port number in the **Host** and **Port** fields.
9. Enter your RSA Authentication Manager administrator's username and password in the **Administrator** and **Password** fields.
10. Enter the RSA Command Client User's username and password in the **Command Client Username** and **Command Client Password** fields.
11. Enter the name of the RSA Authentication Manager realm you will manage in the **Realm** field and the realm's identity source name in the **Identity Source** field.
12. Enter the name of the security domain you will manage in the **Security Domain** field. If you would like to manage its sub domains as well, check the **Search SubDomains** checkbox.
13. Click the **Save** button.



Certification Checklist for RSA Authentication Manager

Date Tested: May 13, 2015

Certification Environment		
Product Name	**Version Information**	**Operating System**
RSA Authentication Manager	8.1.1	Appliance
RSA Authentication Manager API	8.1.1	Windows 2008
IdentityIQ	6.4	Windows 2008

Test	Result
Data Management	
Import RSA Authentication Manager data	✓
Reconcile RSA Authentication Manager data	✓
User Management	
Add a user	✓
Modify a user	✓
Delete a user	✓
Add a group	✓
Modify group	✓
Delete a group	✓
Add a user to a group	✓
Remove a user from a group	✓
Authentication Management	
Assign a token	✓
Un-assign a token	✓
Enable a token	✓
Disable a token	✓
Clear a PIN	✗
Reset a PIN	✓
Assign a password	✓
Unassign a password	✗
Change a user's authentication method	✗
Enable RBA	✗

JGS / PAR

✓ = Pass ✗ = Fail N/A = Non-Available Function