



Configuring Single Sign-on from the VMware Identity Manager Service to Redmine

VMware Identity Manager

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Overview

This document provides information about configuring SAML-based single sign-on from the VMware Identity Manager service to Redmine.

Redmine is a flexible project management web application that includes a Gantt chart, calendar, wiki, forums, multiple roles, and email notification.

When Redmine is configured in the VMware Identity Manager catalog, users can sign in to Redmine from their VMware Identity Manager apps portal.

You must have an administrator account for the VMware Identity Manager service to configure Redmine. You work with your Redmine representative to configure VMware Identity Manager for single sign-on in the Redmine server.

Adding Redmine to VMware Identity Manager Catalog

To enable single sign-on to Redmine on the service, you must configure the app in the catalog.

Add Redmine to the Catalog

1. Log in to the VMware Identity Manager administration console.
2. In the **Catalog** page, click **Add Application > ...from the cloud application catalog**.
3. Click the **Redmine** icon.
4. Click **Configuration**. The Configuration page is preconfigured as follows.

FIELD	CONFIGURED VALUE
Launch URL	Automatically populated with your launch URL.
RelayState	
Proxy Count	
LoginRedirection URL	
Include Destination	Enabled
Sign Response	Enabled
Sign Assertion	Enabled
Include Cert	
Signature Algorithm	SHA1 with RSA
Digest Algorithm	SHA1

Allow API Access	
Assertion Consumer Service *	Automatically populated with the URL where the SAML is posted. https://redmine.nicira.eng.{CompanyName}.com/auth/saml/consume
Name ID Format	Unspecified (username)
Name ID Value	Custom value <code>#{user.userName}</code>
Recipient Name *	The SP' assertion consumer service URL populated as https://redmine.nicira.eng.{CompanyName}.com
Audience *	The SP's unique identifier populated as https://redmine.nicira.eng.{CompanyName}.com
Assertion Lifetime	Populated with a value of 200 seconds.
Signing Certificate	
Application Parameters	Set the CompanyName value. For example, if your Redmine URL is https://redmine.nicira.eng.act.com , set the value as act .
Attribute Mapping	

5. Click **Save**.

Download SAML-Signing Certificate

If the SAML-signing certificate from the VMware Identity Manager service is required for the Redmine configuration, you can retrieve the certificate from the Catalog > Settings tab.

1. In the **Catalog > Settings** tab, click **SAML Metadata**.

Copy and save the **Signing Certificate** text as a **.pem** file on your computer. Make sure that you include text from -----BEGIN CERTIFICATE---- through -----END CERTIFICATE----.

Download SAML Certificate

This is your organization's SAML-signing certificate. It is used to authenticate logins from Workspace to relying applications, such as WebEx or Google Apps. Copy and paste the certificate below and send it to the relying applications so they can accept logins from Workspace.

For integrating with other relying applications utilizing SAML 2.0, you can also use the metadata URLs below.

SAML Metadata [Identity Provider \(IdP\) metadata](#)
[Service Provider \(SP\) metadata](#)

Expires: January 30, 2025

Issuer: CN=Horizon SAML Self-Signed Certificate,O=DEMO,C=US

Signing Certificate

```
-----BEGIN CERTIFICATE-----
MIIDITCCAgmgAwIBAgIBATANBqkqhkiG9w0BAQUFAADBLMS0wkwYDVQQDDCRib3Jp
em9uIFNBTUwgU2VsZi1TaWduZWQgQ2YydGlnaWNhdGxuDALBgNVBAoMBERFTU8x
CzAIBGNVBAyTAVTMB4XDTE1MDIwMjM1MVoXDTE1MDEzMDEkMjM1MVoWZSZE
MCsGA1UEAwkSG9yaXpviBTQU1MIFNlbG9yYU2Y2Y2Y2Y2Y2Y2Y2Y2Y2Y2Y2Y2
CwYDVQQKIDARERU1PMQswCQYDVQQGEwJVUzCCASwDQYJKoZIhvcNAQEBBQADggEP
ADCCAQoCggEBAIEUnYh5nblekNMgyRd5k8WnS28/BJDrmw1s1xac1A7kYjukm0OH
Sjig0ClnF+uGr31cu0X8mLTW+0lQu5ud1etjx3SB4ZT+181K1zNQsftLInjve7Mv
S3FRWZpPi1ZS9yDUavjdAy1FS2ORdy4TGZAKsBITyYjmoPOsdmLybm1BqTUTHE
ckVF9jH1YBjgkpmE/uzLSnEDz9okgo4BADzeJ9rMkCwJfKUZTSi4VmBhPrm02
8h9SJ5T2GHndjCWGTDJq0FjTXWD2anVX+oyHCGROmhOUUniyhY1RHxmEReduQHj
7wHMFtgE5Txd7Fk+nCGQPuHg6YjMwmPDIq8CAwEAAAMQMA4wDAYDVR0TBAAUwAwE
/zANBqkqhkiG9w0BAQUFAAOCAQEAEjjaGqZ2WmmV7CCBNtJqnGrmEi6V/L0lJG
JVIP1K3e52dj413Hri+F9DUoumb571OcSOP9kBOQ005VmyNGuRsjTbj+YIY2R6QT
1bbBcNc7KJB66+qqyGVNpbZUm+zt3S8B2MjiveQ6nKA293x5HqjkrO6jyQLLv2W
a62P0jbg1mYRCeIdC/CHkvbB71nwdUf7SDzYP8p/D9zdv7Xv2olDriUhs3
-----
```

Setting up Identity Manager in Redmine

Contact the Redmine application support team to set up single sign-on for VMware Identity Manager. You might require the following information.

- Your identity manger domain name
- VMware Identity Manager SAML signing certificate

Testing Single Sign-on Configuration

Test your single sign-on configuration with a small number of users before deploying the application across your organization.

Set up User in VMware Identity Manager for Testing

1. Log in to the VMware Identity Manager administration console.
2. In the **Users & Groups** page, click **Users** and ensure that the user you are testing is in the list of users.
3. In the **Catalog** page, click on the Redmine application.
4. Click **Entitlements**.
5. Click **+Add user entitlement**.
6. Select the test user and change the **DEPLOYMENT** field value for the user to **Automatic**. For example:

Add User Entitlement

or browse...

User, Demo (demo)	Automatic	Remove
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7. Click **Save**, then click **Done**.
8. In the top-right corner of the page, click your user name and select **Logout**.

Set up a User in Redmine for Testing

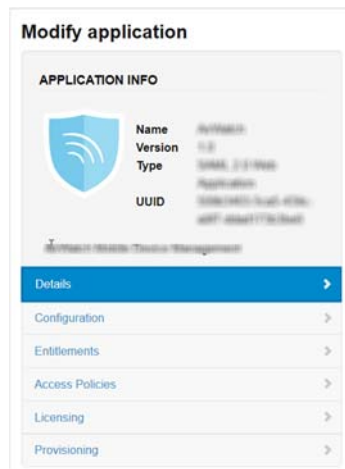
Make sure the test user you set up in VMware Identity Manager is configured in Redmine.

Verify Test-User can Sign into Redmine

1. Sign in to the user portal as the test user.
2. Click the Redmine icon on the My Apps page.
You should now have single sign-on access to Redmine.

Completing the Configuration in the Catalog

In addition to configuring the Web application for single sign-on to the service, you can configure additional settings to add an access policy, set up external approval requirements, and entitle users and groups to the app.



Entitlements After you configure a Web application, you can add group entitlements and entitle individual users to the Web app.

Access Policies The VMware Identity Manager service includes a default policy that is automatically assigned to the Web app when you add the app to the Catalog. If you do not want to use the default access policy, create a new access policy and in the Access Policies link, select the access policy to use for this Web application.

For example, you can create a stricter policy than the default, with rules that specify which IP addresses have access to the application, using which authentication methods, and for how long until reauthentication is required. See the VMware Identity Manager documentation at <http://pubs.vmware.com>.

Licensing In some applications, licensing can be used to require users to request external approval before they can access the application. In addition, you

can add additional information, including pricing, license type, cost per license and the number of licenses. You can run the Resource Usage report to see the approval information for the application.

Entitle Users to Redmine

You can activate single sign-on for all users.

1. Log in to the VMware Identity Manager administration console.
2. In the **Catalog** page, click Redmine.
3. In the **Modify application** page, click **Entitlements**.
4. Click **+Add group entitlement**.
5. Select **ALL USERS** and change the DEPLOYMENT TYPE value to **Automatic**.



	GROUP NAME	DEPLOYMENT TYPE
<input checked="" type="checkbox"/>	ALL USERS	Automatic

6. Click **Save**, then click **Done**.



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