



# Configuring Single Sign-on from the VMware Identity Manager Service to Tableau Software

VMware Identity Manager

JULY 2016 V1

## Table of Contents

Overview .....	2
Adding Tableau to VMware Identity Manager Catalog .....	2
Add Tableau to the Catalog .....	2
Setting up Identity Manager in Tableau .....	3
Testing Single Sign-on Configuration.....	3
Set up User in VMware Identity Manager for Testing.....	3
Set up a User in Tableau for Testing .....	4
Verify Test-User Can Sign in to Tableau .....	4
Completing the Configuration in the Catalog .....	4
Entitle Users to Tableau .....	5

## Overview

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

Tableau Software produces a family of interactive data visualization products focused on business intelligence. The software helps customers see and understand their data.

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

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

## Adding Tableau to VMware Identity Manager Catalog

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

### Add Tableau 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 **Tableau** 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	Enabled
Signature Algorithm	SHA1 with RSA
Digest Algorithm	SHA1
Allow API Access	
Assertion Consumer Service *	Automatically populated with the URL where the SAML is posted. <a href="https://tableau.{companyName}.com/wg/saml/SSO/index.html">https://tableau.{companyName}.com/wg/saml/SSO/index.html</a>

<b>Name ID Format</b>	Unspecified (username)		
<b>Name ID Value</b>	Custom value <code>\$(user.userName)</code>		
<b>Recipient Name *</b>	The SP' assertion consumer service URL populated as <a href="https://tableau.{companyName}.com/wg/saml/SSO/index.html">https://tableau.{companyName}.com/wg/saml/SSO/index.html</a>		
<b>Audience *</b>	The SP's unique identifier populated as <a href="https://tableau.{companyName}.com">https://tableau.{companyName}.com</a>		
<b>Assertion Lifetime</b>	Populated with a value of 200 seconds.		
<b>Signing Certificate</b>	Paste the Tableau Software PEM-format X509 SAML signing certificate in this text box.		
<b>Application Parameters</b>	Set the companyName to the Tableau subdomain value. For example, if your Tableau URL is <a href="https://tableau.act.com">https://tableau.act.com</a> , set the value as <b>act</b> .		
<b>Attribute Mapping</b>	Map the attribute to the user profile value.		
	<b>NAME</b>	<b>FOR</b>	<b>NAME SPACE</b>
	username	Basic	<code>\$(user.userName)</code>

5. Click **Save**.

## Setting up Identity Manager in Tableau

Contact Tableau to set up single sign-on for VMware Identity Manager. You might need the following information.

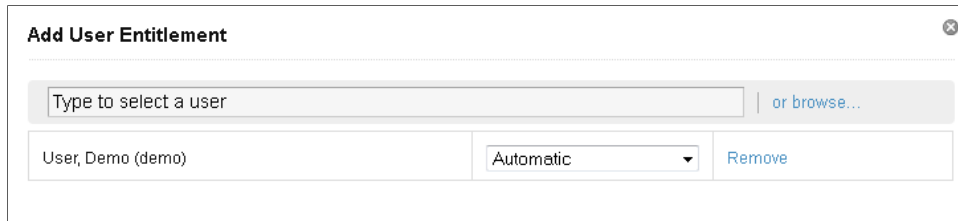
- Your identity manager domain name
- VMware Identity Manager SAML signing certificate

## 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 Tableau 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:



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 Tableau for Testing

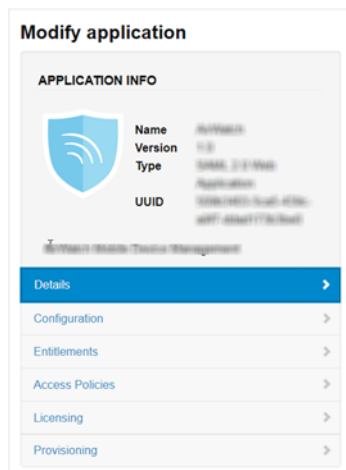
Make sure the test user you set up in VMware Identity Manager is configured in Tableau.

## Verify Test-User Can Sign in to Tableau

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

## 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 Tableau

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 Tableau.
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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