




TACHO MASTER

Single Sign On (SSO)

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Single Sign On - SAML2 Configuration

Parse metadata URL: Parse URL

Parse metadata file: No file chosen

Parsing a new URL will overwrite the settings below if already set. You will be able to review them before saving.

Parsing a new metadata file will overwrite the settings below if already set. You will be able to review them before saving.

Identity Provider (IdP) Entity ID *

IdP Public Key

Help

Identity provider (IdP) metadata URL: type the Identity Provider's (IdP) metadata URL.

Public Keys: Your IdP may be configure with a single public key or separate keys for signing and encryption. Fill in the appropriate fields with SHA 1 certificates provided by your IdP. Only RSA certificates are supported, DSA certificates are not.

Sign-in URL: fill in the remote sign-in URL of your IdP. This is the URL where Tachomaster will redirect your users for signing-in.

Sign-out URL: fill in the remote sign-out URL of your IdP. This is the URL.

Configuring Tachomaster for Single Sign-On (SSO)

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Please note that the following is a guide to point you in the right direction. Road Tech do not support AD FS, please refer to your provider for any help required.

Single Sign On - SAML2 Configuration

<p>Parse metadata URL:</p> <input type="text"/> <input type="button" value="Parse URL"/> <p>Parsing a new URL will overwrite the settings below if already set. You will be able to review them before saving.</p>	<p>Parse metadata file:</p> <input type="button" value="Browse..."/> No file selected. <input type="button" value="Process File"/> <p>Parsing a new metadata file will overwrite the settings below if already set. You will be able to review them before saving.</p>
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Default User Profile for new users

SSO Default

Identity Provider (IdP) Entity ID *

IdP Public Key

IdP Public Signing Key

IdP Public Encryption Key

Sign-in URL *

Sign-in Binding *

Sign-out URL *

Sign-out Binding *

Name ID Format *

User Attributes

Unique User ID *

First Name *

Last Name *

Email

Sign-on URL

The following URL should be used for single-sign-on:

For Identifying User Attributes the following URL can be used to display available fields:

Service Provider Data

Metadata:

Your Identity Provider may require the following certificate information:

```

-----BEGIN CERTIFICATE-----
[REDACTED]
-----END CERTIFICATE-----

```

Help

Identity provider (IdP) metadata URL: type the Identity Provider's (IdP) metadata URL.

Public Keys: Your IdP may be configure with a single public key or separate keys for signing and encryption. Fill in the appropriate fields with SHA-1 certificates provided by your IdP. Only RSA certificates are supported, DSA certificates are not.

Sign-in URL: fill in the remote sign-in URL of your IdP. This is the URL where Tachomaster will redirect your users for signing-in.

Sign-out URL: fill in the remote sign-out URL of your IdP. This is the URL that Tachomaster will redirect your users when they sign-out.

User Attributes: fill in the attribute names for each of the fields as they will appear in the SAML2 response.

* Required field

Login to Tachomaster

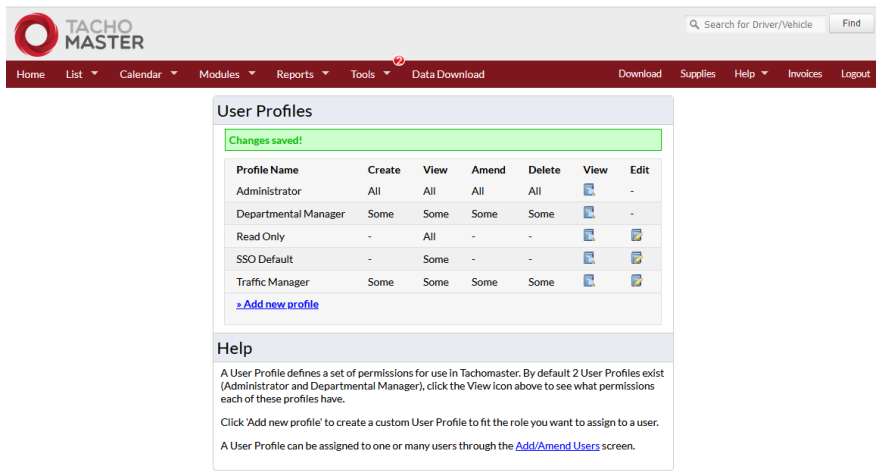
To do any of the actions required in Tachomaster you must be logged in as a Tachomaster administrative user. If your user level is not administrator please contact one of your company's administrators or super user to upgrade your account. Please do not contact Road Tech support to do this.

Create a Tachomaster default SSO user profile

When setting up the SSO configuration you will be asked to apply a "Default User Profile for new users". All users can be moved to other profiles once created but we would suggest the initial default is a low access level (Departmental Manager is the lowest default profile but would still provide a lot of information). This will prevent users seeing data they should not have access before you allocate a specific profile and access for their roles.

To create a profile go to Tools> Add/Amend> User Profiles
(<https://www.tachomaster.co.uk/userprofile.php>)

If you require help in setting up the profiles, please see the Road Tech knowledge base User Profiles video from Help> Tutorials and Videos
(<https://kb.roadtech.co.uk/en/tachomaster/tutorials>)



The screenshot shows the Tachomaster web application interface. At the top left is the Tachomaster logo. A search bar is located at the top right. Below the logo is a navigation menu with items: Home, List, Calendar, Modules, Reports, Tools, Data Download, Download, Supplies, Help, Invoices, and Logout. The main content area is titled "User Profiles" and features a green notification bar that says "Changes saved!". Below this is a table with columns for Profile Name, Create, View, Amend, Delete, View, and Edit. The table lists five profiles: Administrator, Departmental Manager, Read Only, SSO Default, and Traffic Manager. Each profile has corresponding permission levels and icons for viewing and editing. A link to "Add new profile" is located below the table. A "Help" section follows, providing instructions on how to use the profiles and how to assign them to users.

Profile Name	Create	View	Amend	Delete	View	Edit
Administrator	All	All	All	All		-
Departmental Manager	Some	Some	Some	Some		-
Read Only	-	All	-	-		
SSO Default	-	Some	-	-		
Traffic Manager	Some	Some	Some	Some		

[Add new profile](#)

Help

A User Profile defines a set of permissions for use in Tachomaster. By default 2 User Profiles exist (Administrator and Departmental Manager), click the View icon above to see what permissions each of these profiles have.

Click 'Add new profile' to create a custom User Profile to fit the role you want to assign to a user.

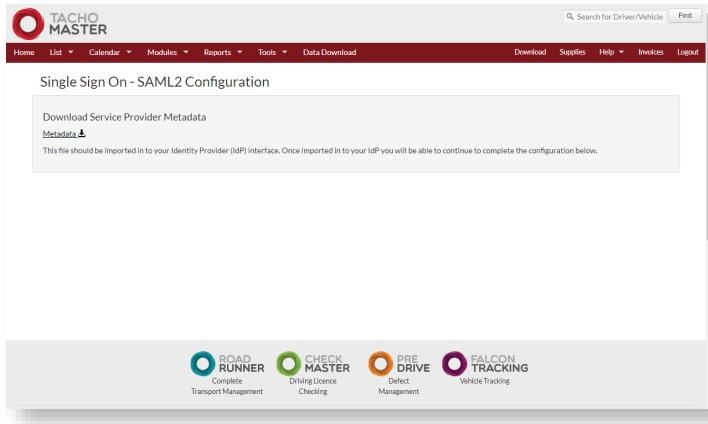
A User Profile can be assigned to one or many users through the [Add/Amend Users](#) screen.

Access the Tachomaster Single Sign On (SSO) configuration

Once logged in, change your browser URL to

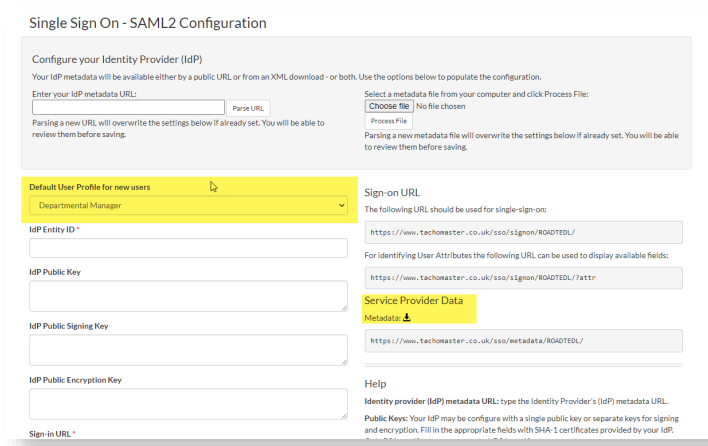
<https://tachomaster.co.uk/sso/configure> (and then hit enter)

The “Single Sign On—SAML2 Configuration” page is now shown.



Download the Service Provider Metadata file by clicking on the “Metadata” link.

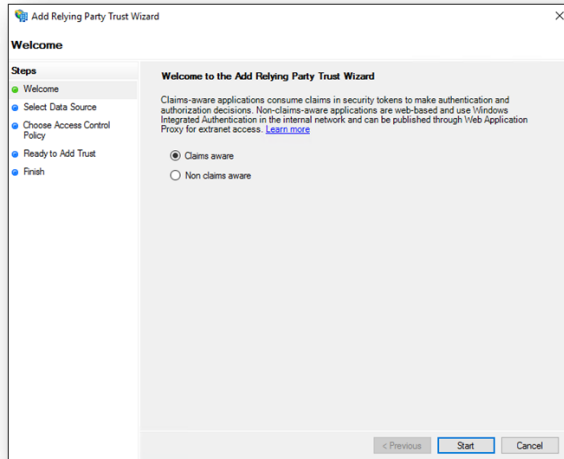
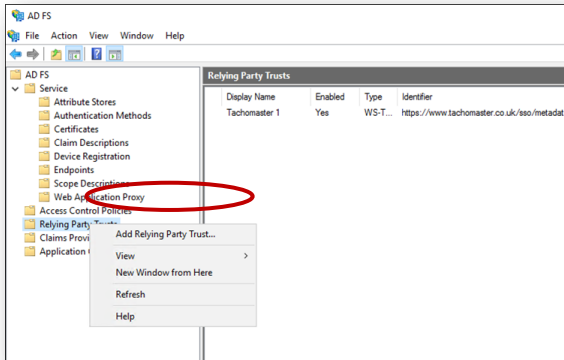
If you need to download again, the form now presented on the configuration form.

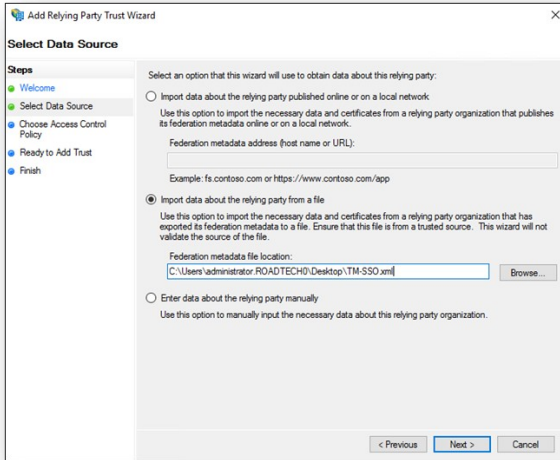


Select your SSO default User Profile.

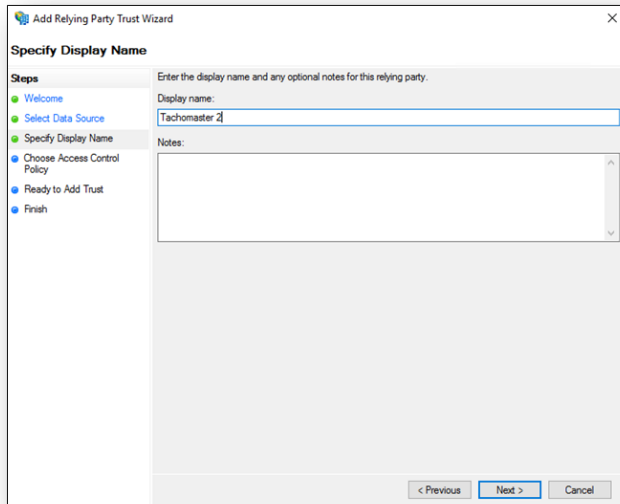
The follow steps are carried out within ADFS—if you require any support on ADFS please contact your provider.

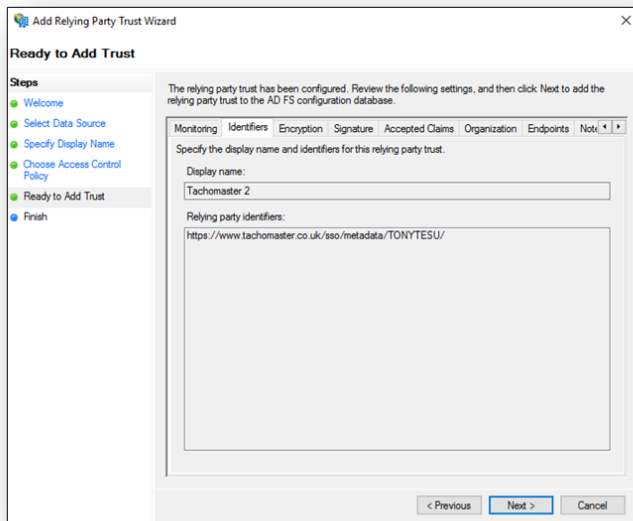
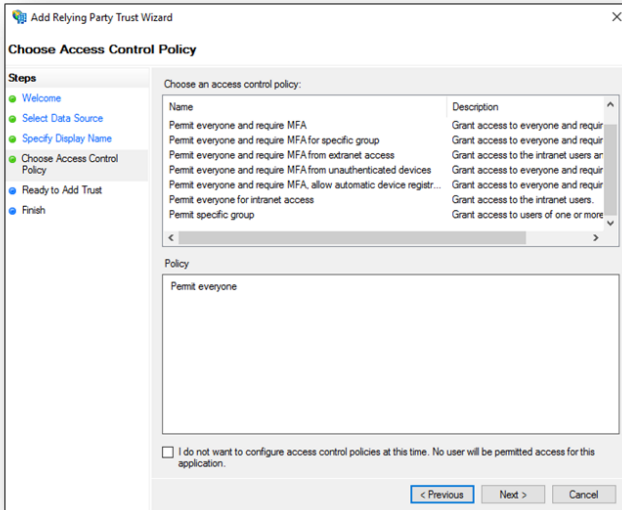
Add Relying Party Trust

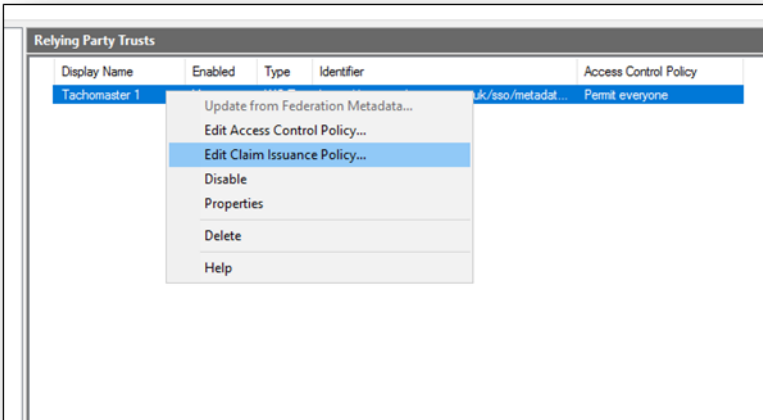




Using the metadata XML file created on page 6 and import as above.







Right click the “Relying Party Trust” and click “Edit Claim Issuance Policy”. Click “Add Rule” and create as follows in *fig 1/2*

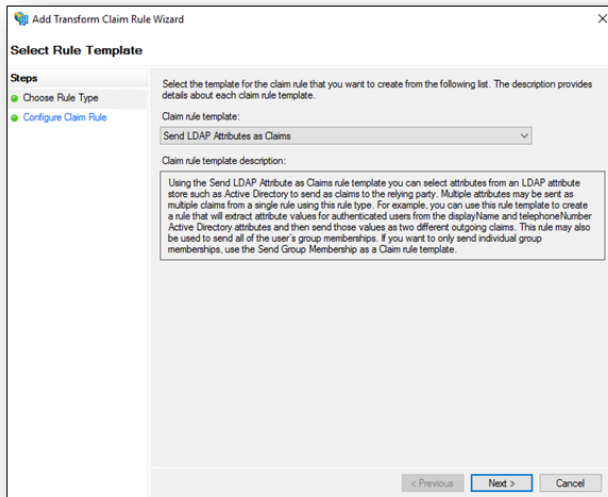


Fig 1

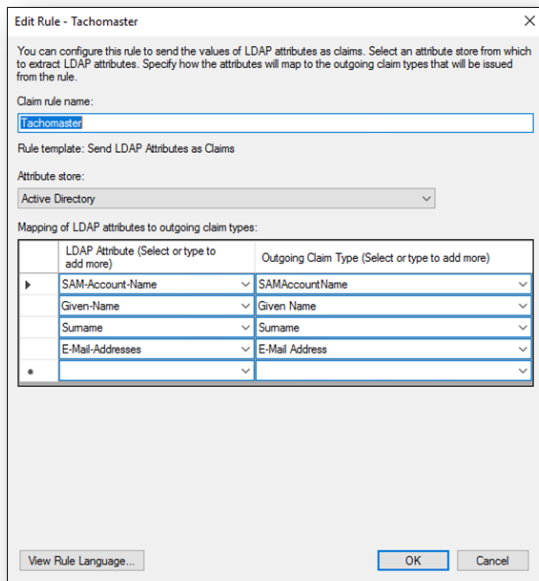


Fig 2

Note, it may be necessary to add “SAMAccountName” in “Claim Descriptions”.

Obtain Federation Metadata XML

Inside the ADFS Management application, locate the Federation Metadata xml file. This can be found by clicking on ADFS > Service > Endpoints then locate the URL path in the "Metadata" section. The path is typically **/FederationMetadata/2007-06/FederationMetadata.xml** as seen below:

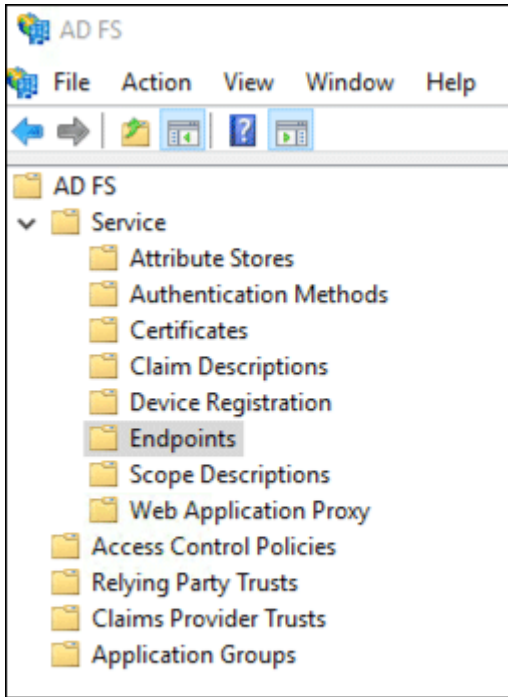


Fig 10

Metadata		
Yes	Yes	/adfs/services/trust/mex
Yes	Yes	/FederationMetadata/2007-06/FederationMetadata.xml
Yes	No	/adfs.fs/federationserver/service.asmx

Fig 11

Export the file and send to Road Tech Computer Systems to be imported in to Tachomaster.

Once you have configured your ADFS:

- Visit <https://www.tachomaster.co.uk/sso/configure/> again

- Upload/Parse the metadata file from ADFS (this pre-populates all fields except for the User Attributes)

Single Sign On - SAML2 Configuration

Configure your Identity Provider (IdP)

Your IdP metadata will be available either by a public URL or from an XML download - or both. Use the options below to populate the configuration.

Enter your IdP metadata URL: Parse URL

Parsing a new URL will overwrite the settings below if already set. You will be able to review them before saving.

Select a metadata file from your computer and click Process File:
 No file chosen

Parsing a new metadata file will overwrite the settings below if already set. You will be able to review them before saving.

Default User Profile for new users
 Departmental Manager

IdP Entity ID *

IdP Public Key

IdP Public Signing Key

IdP Public Encryption Key

Sign-in URL *

Sign-on URL
 The following URL should be used for single-sign-on:

For Identifying User Attributes the following URL can be used to display available fields:

Service Provider Data
 Metadata: [↓](#)

Help
 Identity provider (IdP) metadata URL: type the Identity Provider's (IdP) metadata URL.
 Public Keys: Your IdP may be configured with a single public key or separate keys for signing and encryption. Fill in the appropriate fields with SHA-1 certificates provided by your IdP.

- If you don't know the User Attribute names populate them with *something* temporarily

- Save- The metadata URL will show on the right, ADFS will need that - do that part in ADFS

If you don't know the User Attributes, use the URL listed in the SSO configure page with `?attr` at the end:

You should see something like this—the company code (shown as TONYTESU will be your own company code).

TONYTESU	
Name	Value
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/SAMAccountName	t*****e
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname	T**y
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname	J*****e
_nameid	t*****e



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Version: 2.2

