

SAML Bridge Operation Settings

Settings related to the operation of the SAML Bridge are located in the **WEB-INF/web.xml** file. These settings describe the location of the Yellowfin instance and the web service credentials, and the attributes for finding and automatically provisioning Yellowfin users.

Access Yellowfin

This setting shows how to access Yellowfin (URL):

```
<init-param>
  <param-name>YellowfinWebserviceURL</param-name>
  <param-value>http://yellowfin:8080</param-value>
</init-param>
```

Web Server User

Configure the setting for a Yellowfin web server user, that is, a user who can perform web service calls with the Web service role enabled.

```
<init-param>
  <param-name>YellowfinWebserviceUser</param-name>
  <param-value>admin@yellowfin.com.au</param-value>
</init-param>

<init-param>
  <param-name>YellowfinWebservicePassword</param-name>
  <param-value>test</param-value>
</init-param>
```

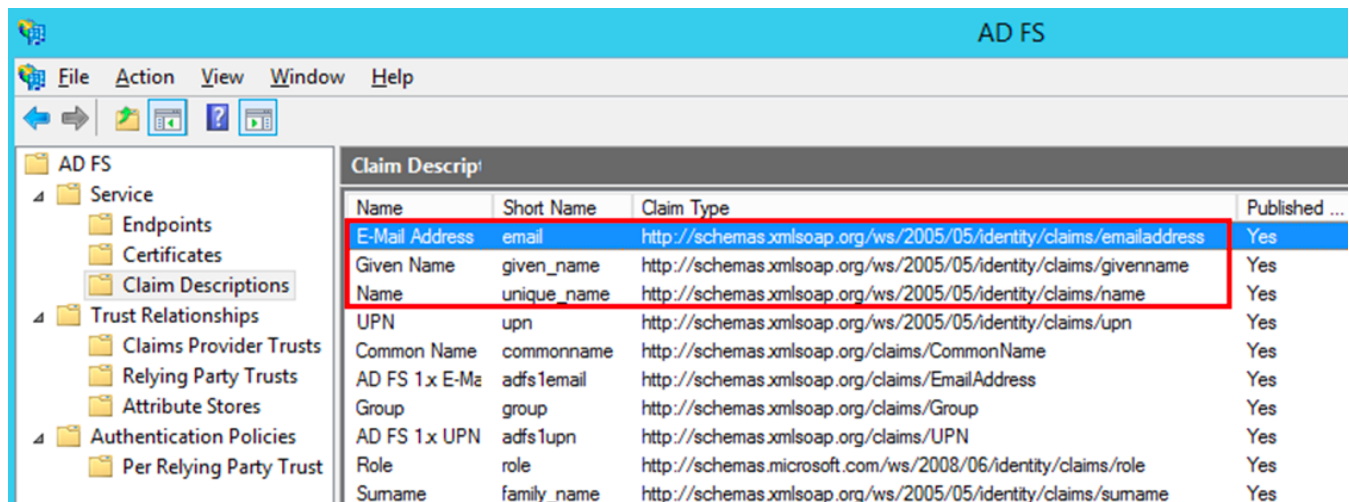
Enable User Provision

Here is how you can enable or disable user provision. Set the value to true to enable, and false to disable this functionality.

```
<init-param>
  <param-name>AutoProvision</param-name>
  <param-value>true</param-value>
</init-param>
```

Find User

To be able to find a user (when the authentication method requires their 'email address'), you need to provide Yellowfin with the email attribute corresponding to the AD FS Claim Descriptions:



The screenshot shows the AD FS Management console. The left pane displays the tree structure with 'Claim Descriptions' selected. The right pane shows a table of claim descriptions. The 'E-Mail Address' claim is highlighted with a red box.

Name	Short Name	Claim Type	Published ...
E-Mail Address	email	http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress	Yes
Given Name	given_name	http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname	Yes
Name	unique_name	http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name	Yes
UPN	upn	http://schemas.xmlsoap.org/ws/2005/05/identity/claims/upn	Yes
Common Name	commonname	http://schemas.xmlsoap.org/claims/CommonName	Yes
AD FS 1x E-Mail	adfs1email	http://schemas.xmlsoap.org/claims/EmailAddress	Yes
Group	group	http://schemas.xmlsoap.org/claims/Group	Yes
AD FS 1x UPN	adfs1upn	http://schemas.xmlsoap.org/claims/UPN	Yes
Role	role	http://schemas.microsoft.com/ws/2008/06/identity/claims/role	Yes
Surname	family_name	http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname	Yes

Following is an example of this:

```
<init-param>
  <param-name>EmailAttribute</param-name>
  <param-value>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress</param-value>
</init-param>
```

To do user provision, you need to define *FirstNameAttribute*, *LastNameAttribute* and *YellowfinRole*. For instance, in the example below, Yellowfin gets the user name and surname from AD FS and the user role is defined as 'Consumer & Collaboration'.

```
<init-param>
  <param-name>FirstNameAttribute</param-name>
  <param-value>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname</param-value>
</init-param>

<init-param>
  <param-name>LastNameAttribute</param-name>
  <param-value>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname</param-value>
</init-param>

<init-param>
  <param-name>UsernameAttribute</param-name>
  <param-value>http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress</param-value>
</init-param>

<init-param>
  <param-name>YellowfinRole</param-name>
  <param-value>Consumer & Collaborator</param-value>
</init-param>
```

Note: Here, *UsernameAttribute* relates to the authentication method requiring a 'user name'.

Previous topic: [AD FS configuration](#)

Next topic: [Troubleshooting](#)