



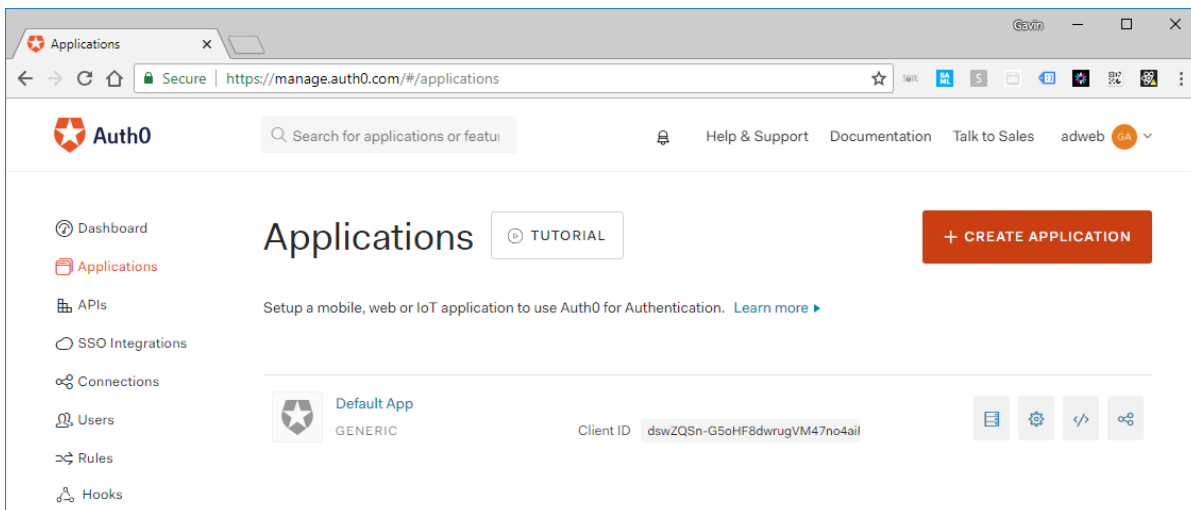
GREENORBIT TECHNICAL GUIDE

# Integrate GreenOrbit with Auth0

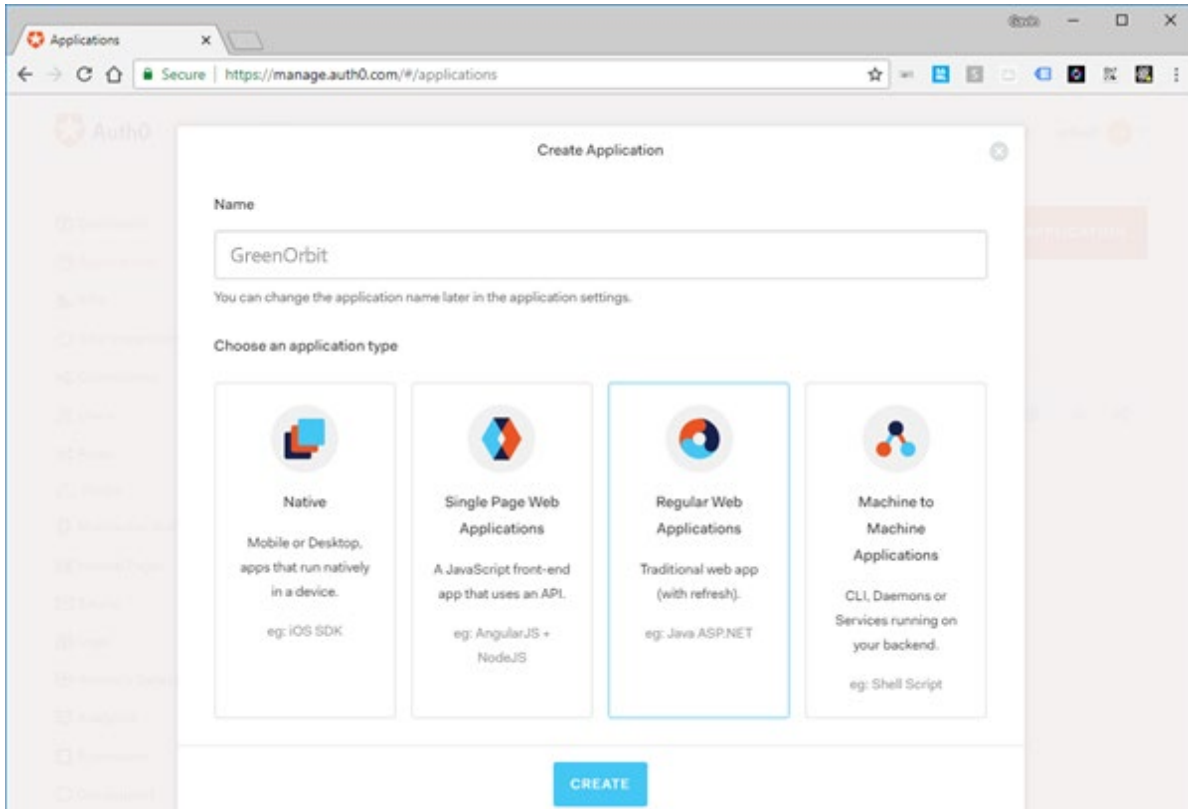
INTEGRATE GO WITH AUTH0

Note: This guide assumes that you already have an Auth0 account. It also assumes that you are using the Auth0 Enterprise Connector on your network already. For users to seamlessly be authenticated there are additional steps you can follow, please read Auth0’s Knowledgebase article on [SSO Integrations](#)

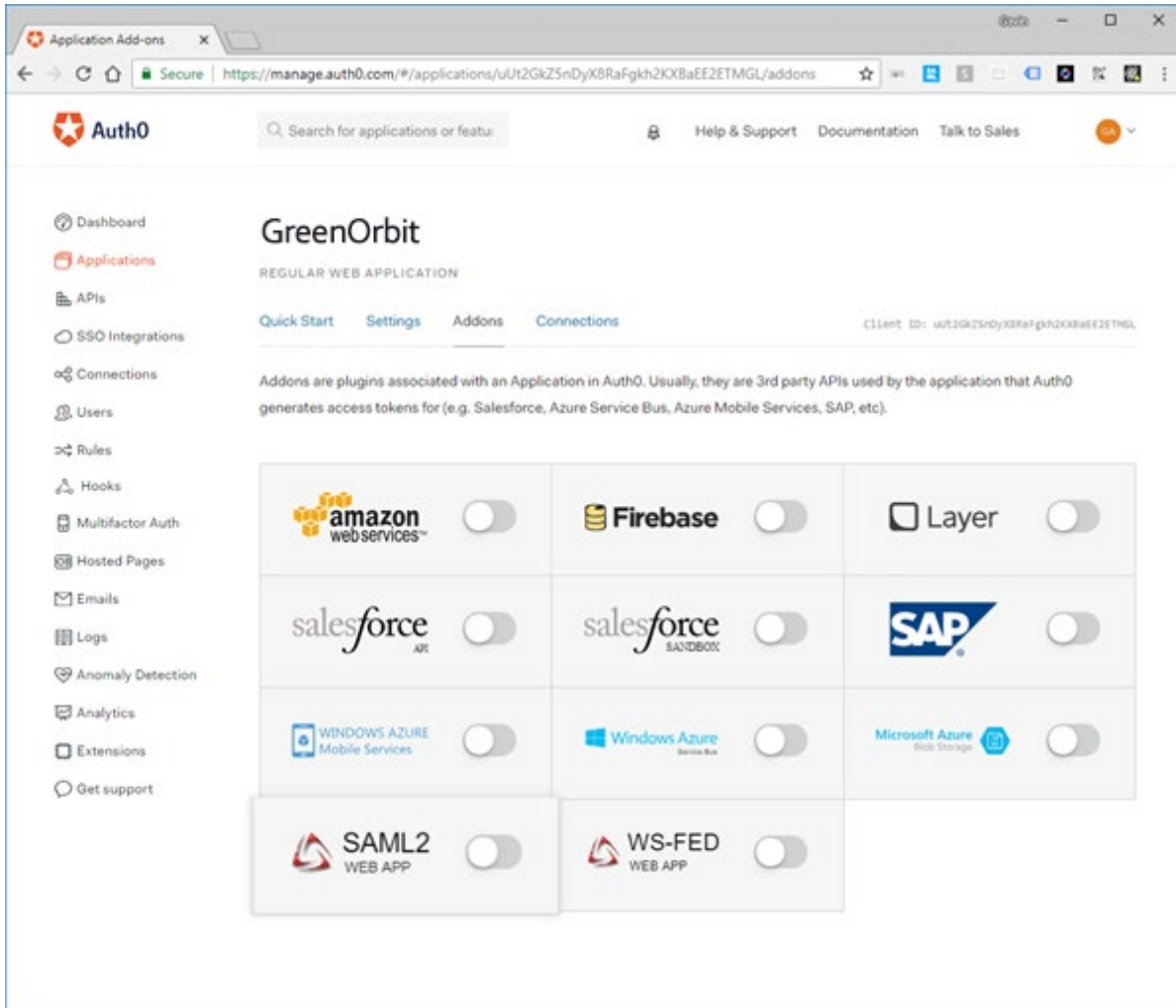
1. Open the Auth0 Dashboard and select *Applications*. Click the button *Create Application*



2. Give the application a name, eg *GreenOrbit*, select *Regular Web Applications* and click *Create*



3. By default, you'll be presented with the *Quick Start* interface. Change to the *Addons* interface and click the enable toggle for *SAML2 Web App*



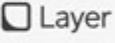










**Auth0** | Search for applications or features | Help & Support | Documentation | Talk to Sales

**GreenOrbit**  
REGULAR WEB APPLICATION

Quick Start | Settings | **Addons** | Connections | Client ID: ut2GkZ5nDyX8RaFgkh2KXBaEE2ETMGL

Addons are plugins associated with an Application in Auth0. Usually, they are 3rd party APIs used by the application that Auth0 generates access tokens for (e.g. Salesforce, Azure Service Bus, Azure Mobile Services, SAP, etc).

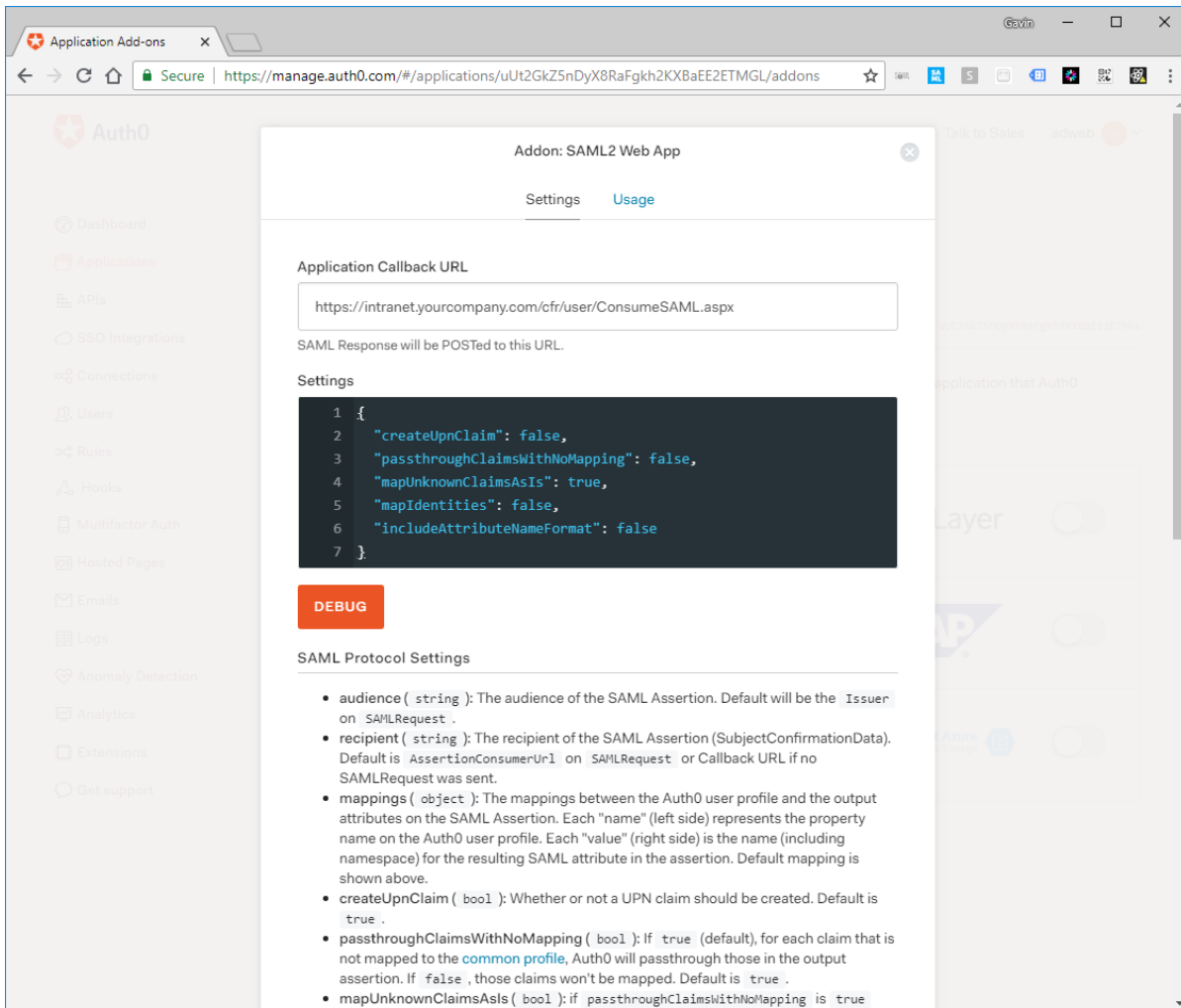
 <b>amazon</b> web services™	<input type="checkbox"/>	 <b>Firebase</b>	<input type="checkbox"/>	 <b>Layer</b>	<input type="checkbox"/>
 <b>salesforce</b> API	<input type="checkbox"/>	 <b>salesforce</b> SANDBOX	<input type="checkbox"/>	 <b>SAP</b>	<input type="checkbox"/>
 <b>WINDOWS AZURE</b> Mobile Services	<input type="checkbox"/>	 <b>Windows Azure</b> Service Bus	<input type="checkbox"/>	 <b>Microsoft Azure</b> Blob Storage	<input type="checkbox"/>
 <b>SAML2</b> WEB APP	<input type="checkbox"/>	 <b>WS-FED</b> WEB APP	<input type="checkbox"/>		

- Set the *Application Callback URL* to <https://intranet.yourcompany.com/cfr/user/ConsumeSAML.aspx> (using your intranet URL) and in the *Settings* interface:

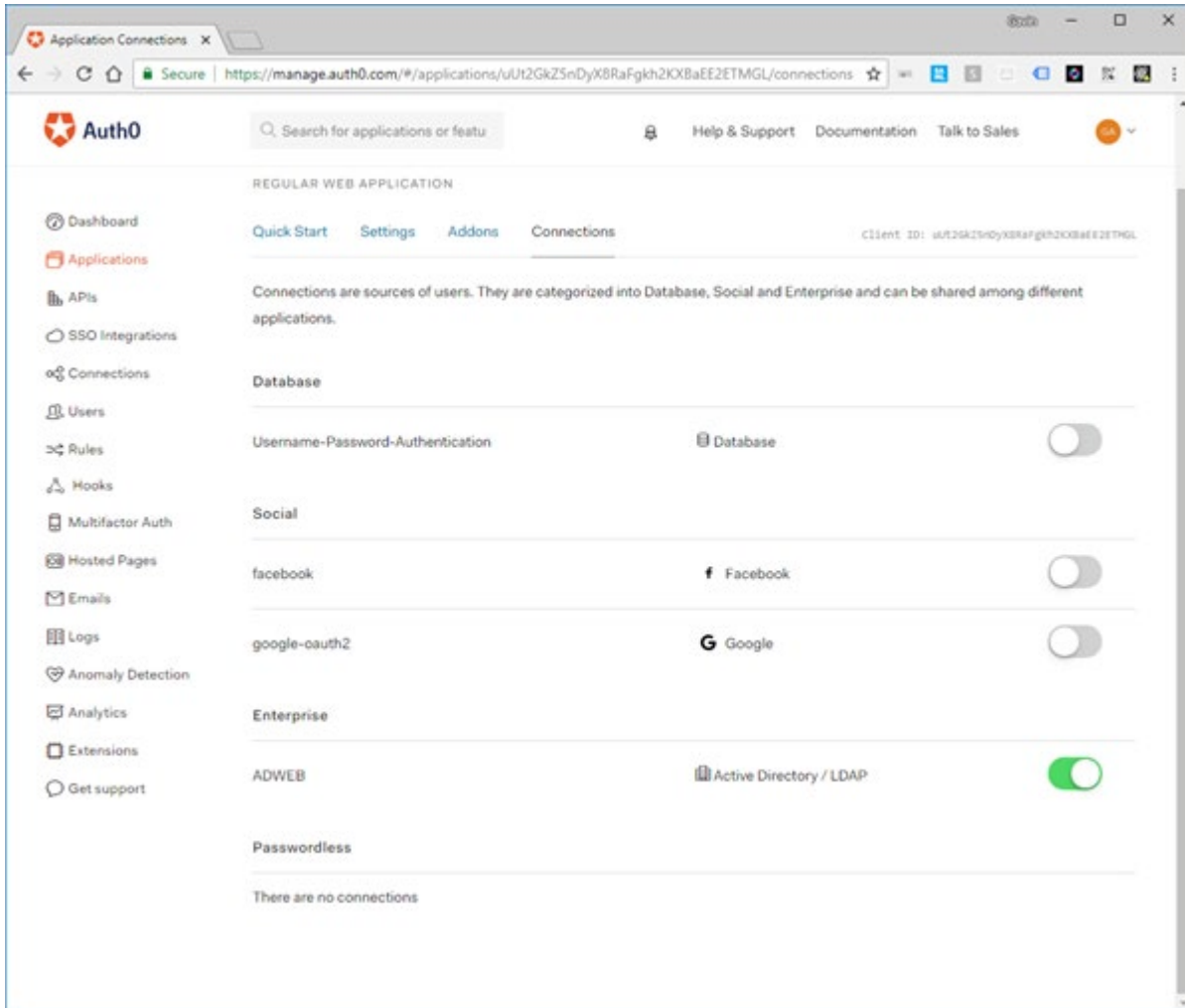
```
{
  "createUpnClaim": false,
  "passthroughClaimsWithNoMapping": false,
  "mapUnknownClaimsAsIs": true,
  "mapIdentities": false,
  "includeAttributeNameFormat": false
}
```

**Please note that this URL is case-sensitive** and should match the casing of the example above exactly – ie. all lower case except for “ConsumeSAML.aspx” at the end.

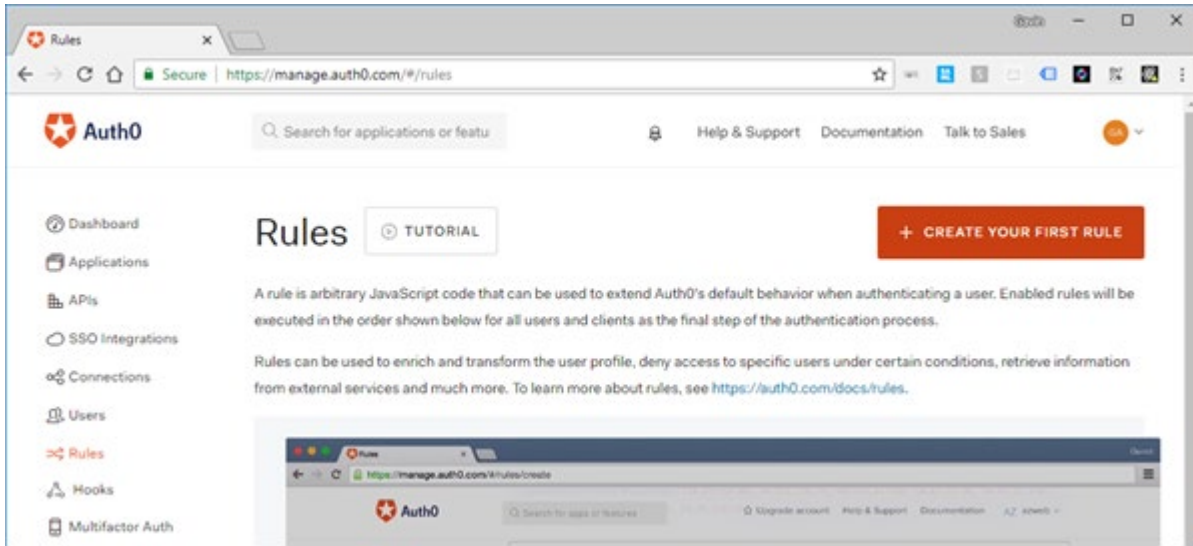
Scroll down to the bottom of the page and click *Save*



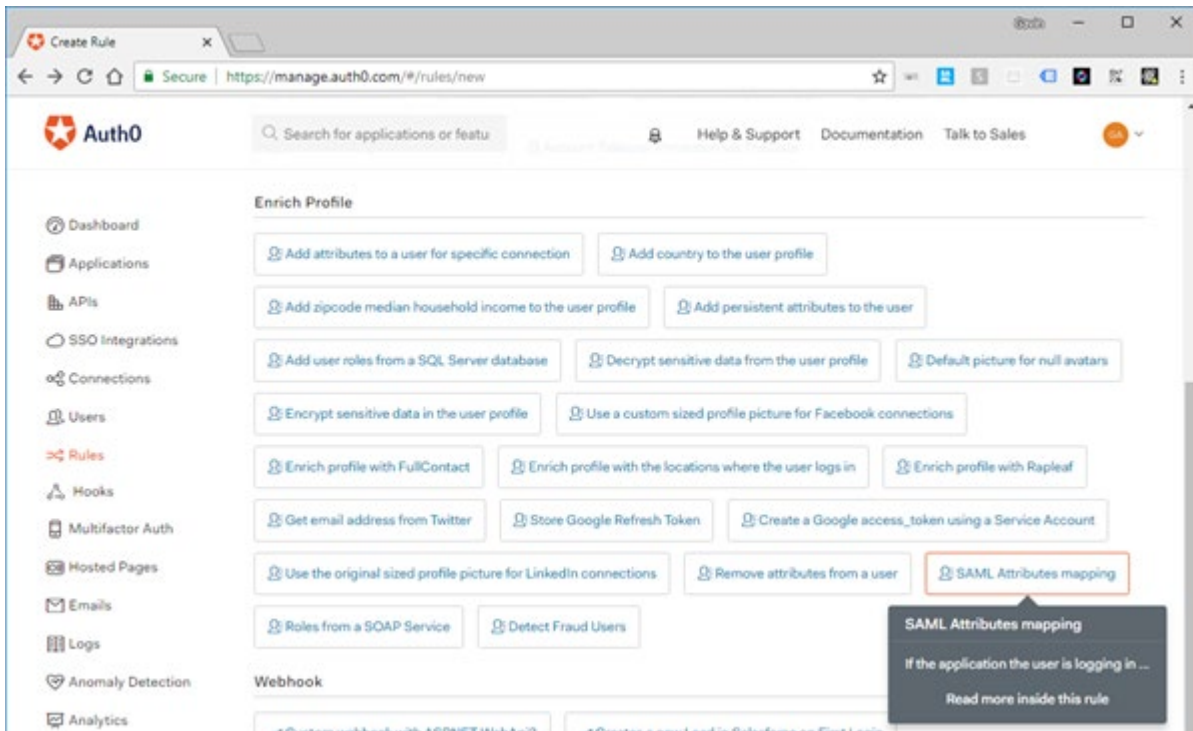
5. On the *Connections* tab in the GO application, ensure your chosen connections are enabled



6. In the right hand navigation, select *Rules* and then *Create Rule*



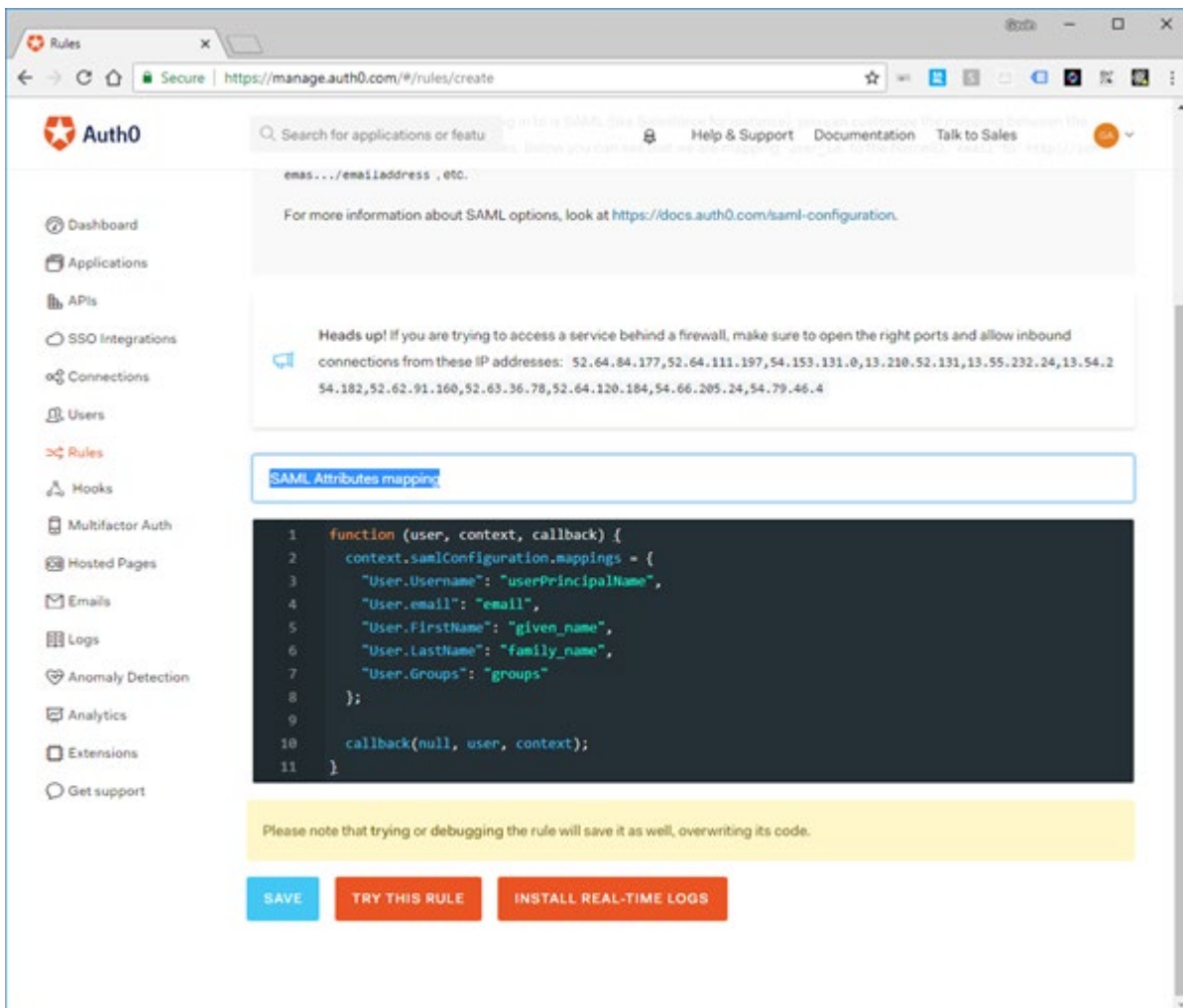
7. Find and select the *SAML Attributes mapping* rule template under the *Enrich Profile* category



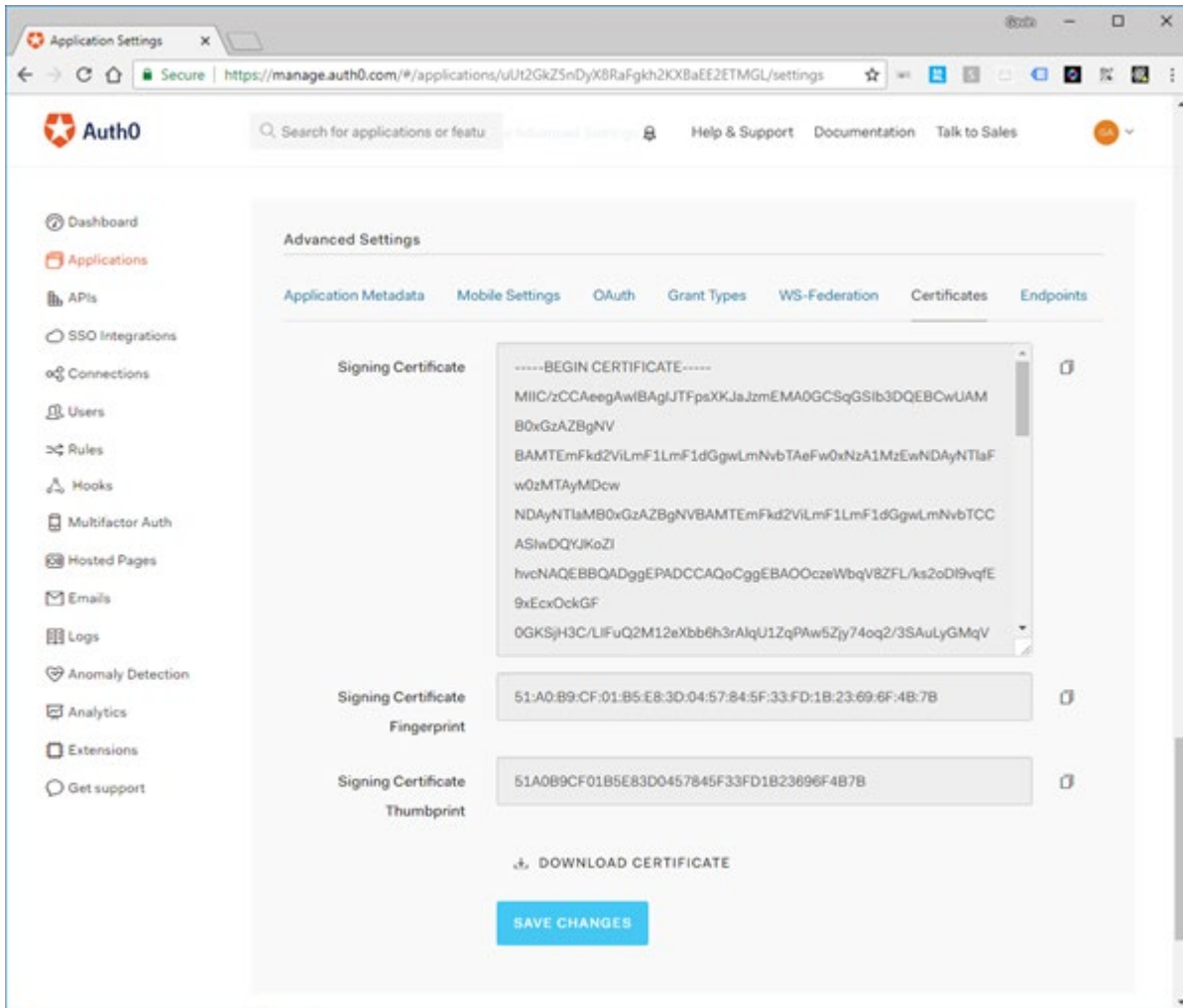
- The *Rule Name* can be left as default (*SAML Attributes mapping*), paste in the following code for your rule and *Save* your rule

```
function (user, context, callback) {
  context.samlConfiguration.mappings = {
    "User.Username": "userPrincipalName",
    "User.email": "email",
    "User.FirstName": "given_name",
    "User.LastName": "family_name",
    "User.Groups": "groups"
  };

  callback(null, user, context);
}
```

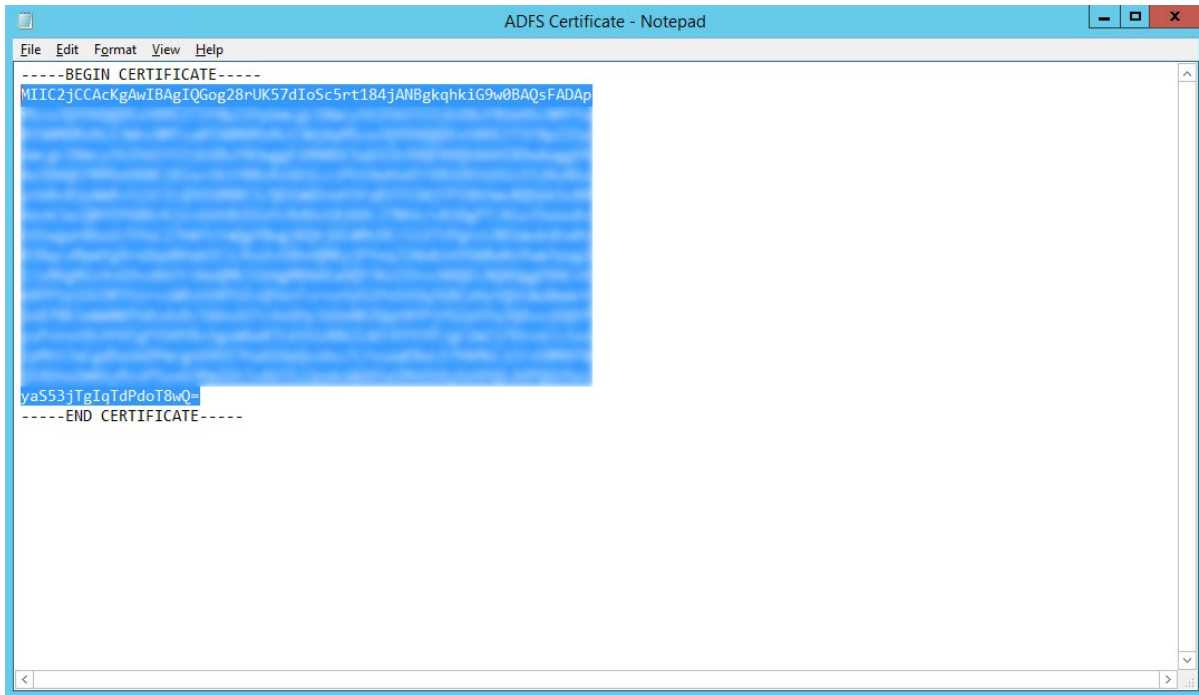


9. Navigate back to the *GreenOrbit* Application and go to the *Settings* tab. Navigate to the bottom of the page and select *Show Advanced Settings* > *Certificates* and choose *Download Certificate*.





10. Save the file to an easy to access location and then open it with your preferred text editor (such as notepad) and select the text between the *BEGIN CERTIFICATE* and *END CERTIFICATE* lines.



11. Login to your GO Administration interface and navigate to *Utilities > Config Settings* and find the setting called *SAML Identity Provider Certificate* and paste the certificate string into the text field and choose *Update*

**Config Settings**

**Config Settings > View Configuration Settings**

**View Configuration Settings**

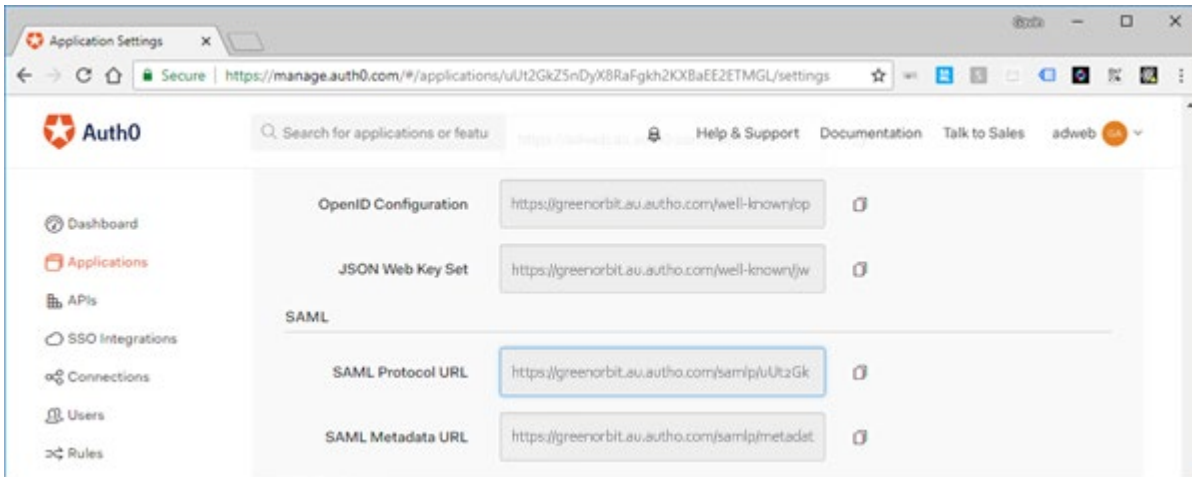
Settings
Advanced
Mail Messages
System Data
Import/Export Settings

Filter Settings

Clear
Collapse All
Add Setting

Frontend Security Persistent User Cookie Days	▼
Frontend Security Single Signin	▼
Frontend Security Type	▼
Frontend Security Use IP Based Security Type	▼
IP Address Identification Method	▼
LDAP Username Field	▼
Login IP Checking Enable	▼
<b>SAML Identity Provider Certificate</b>	▲
<small>Certificate from the remote identity provider used to validate the SAML response received from them.</small>	
<input style="width: 350px; border: 1px solid #ccc;" type="text" value="MIIC2jCCAcKgAwIBAgIQGog28rUK57dIoSc5rt184jANBgkqhki"/>	<span style="border: 1px solid #ccc; padding: 2px 5px;">Update</span> <span style="border: 1px solid #ccc; padding: 2px 5px; margin-left: 10px;">Cancel</span>
SAML Identity Provider SSO Target URL	▼
Web Services Allowed IP Addresses	▼
<b>Front End User Accounts</b>	▼
<b>Generic Components</b>	▼
<b>Licensing</b>	▼

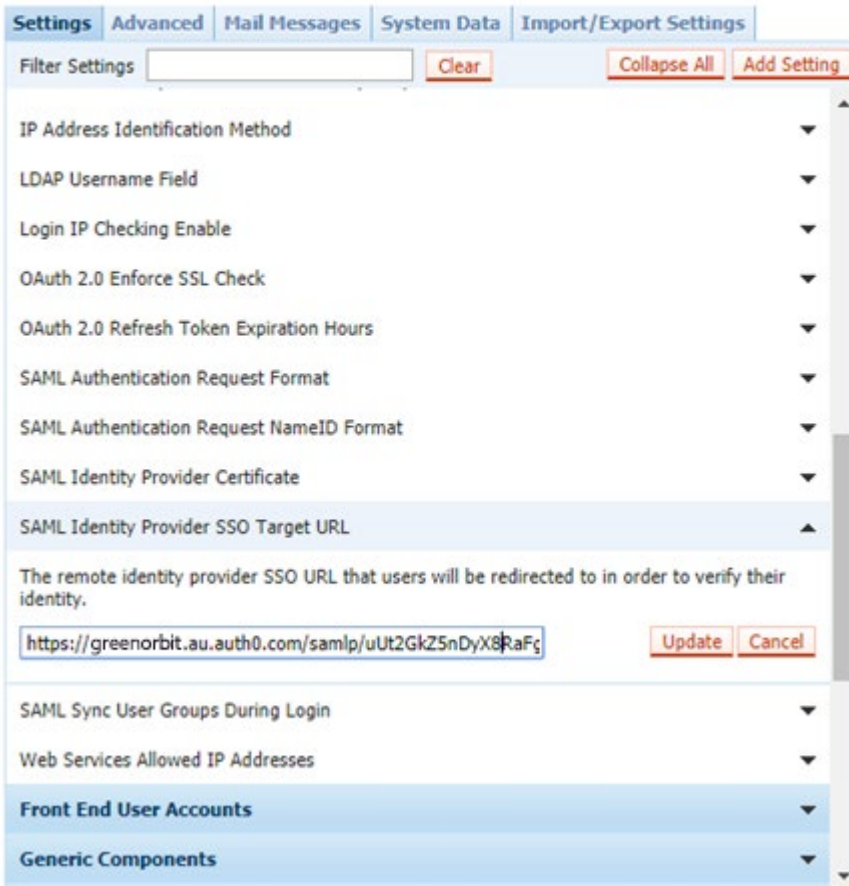
- Now select the Config Setting *SAML Identity Provider SSO Target URL*, this is the URL of your Auth0 *SAML Protocol URL* Endpoint, and can be found in the *Endpoints* tab. The URL will look something like <https://greenorbit.au.auth0.com/samlp/uUt2GkZ5nDyX8RaFgkh2KXBaEE2ETMGL>



**Config Settings**

**Config Settings > View Configuration Settings**

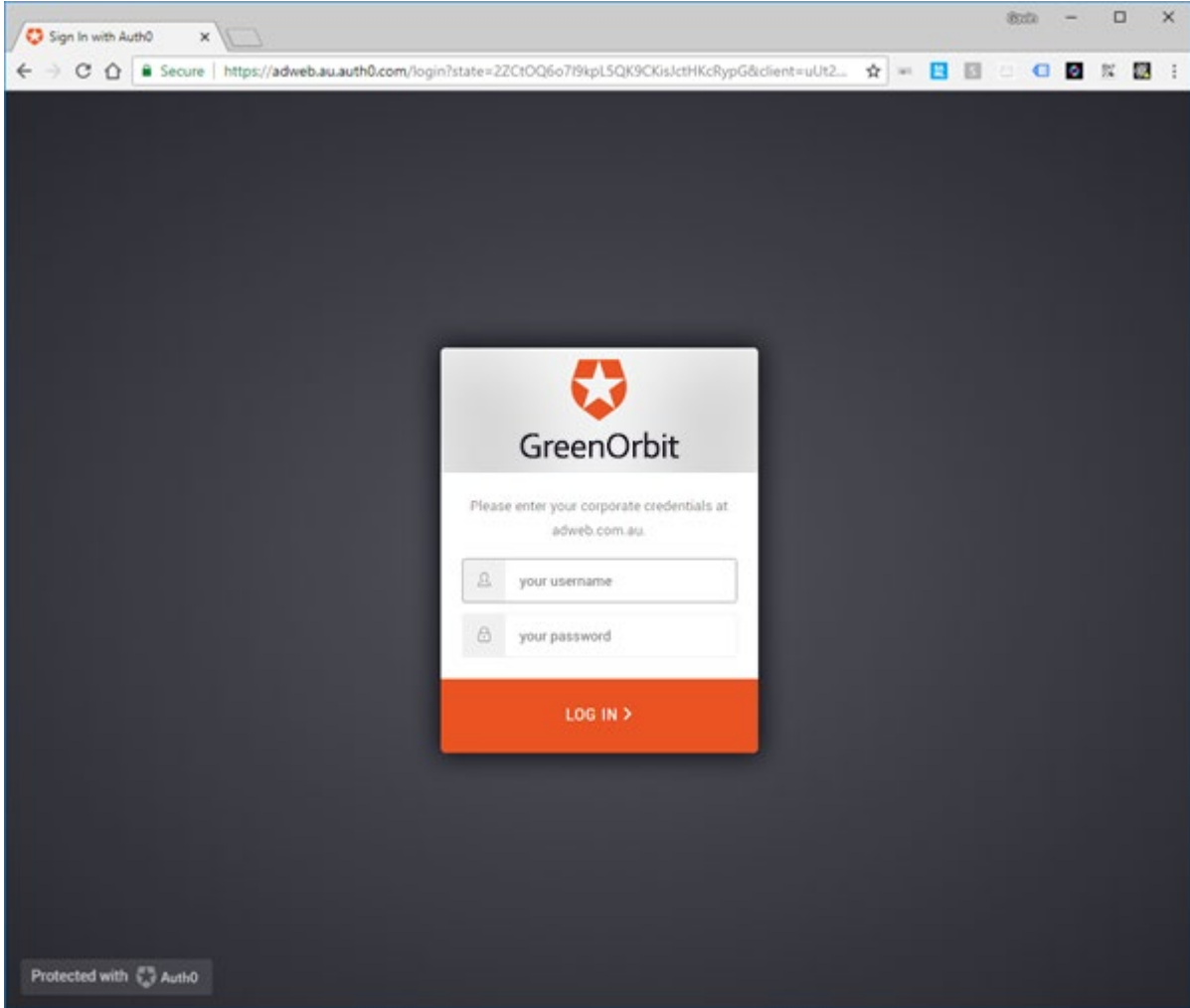
**View Configuration Settings**



- If you haven't already done so, also change the Frontend Security Type to *Login using SAML*. Follow the guide on our help site to learn how to do this:

<http://help.intranetdashboard.com/systemadmin/Security/ChangingtheFrontendSecurityType.html>

- 14. Now when accessing your intranet address, eg <https://intranet.yourcompany.com> you'll be redirected to authenticate by Auth0 prior to being logged into the site.



### ADDITIONAL INFORMATION AND TROUBLESHOOTING

If you have been unsuccessful configuring Auth0 to act as an SAML Identity Provider for GO, please reach out to our support team at [support@greenorbit.com](mailto:support@greenorbit.com).