



erwin Data Intelligence - DQLabs

**User Guide - SSO Configuration for
DQLabs**

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Introduction

This document is intended to serve as manual for the integration of SSO using a SAML application in DQLabs. In this document we have provided the steps to integrate with the Octa active directory.

Overview

- Single Sign-on feature in DQLabs is used to login to the portal without manually creating the users.
- DQLabs will support Single sign-on only when the DNS name has the secured protocol.
- DQLabs claim information is Email, so the user cannot be able to login using the username.
- When DQLabs is already installed with the private IP or http. Please redeploy with the domain name.
 - For windows: Redeploy the **DQLabs_Windows_Client_Code_Upgrade** script.
 - For Linux: Linux code update script **DQLabs_Linux_Upgrade** script.

Note: If the environment is Windows, please make sure that the Reverse rewrite host option is disabled in the application settings under IIS. Steps to disable the reverse rewrite option is given below.

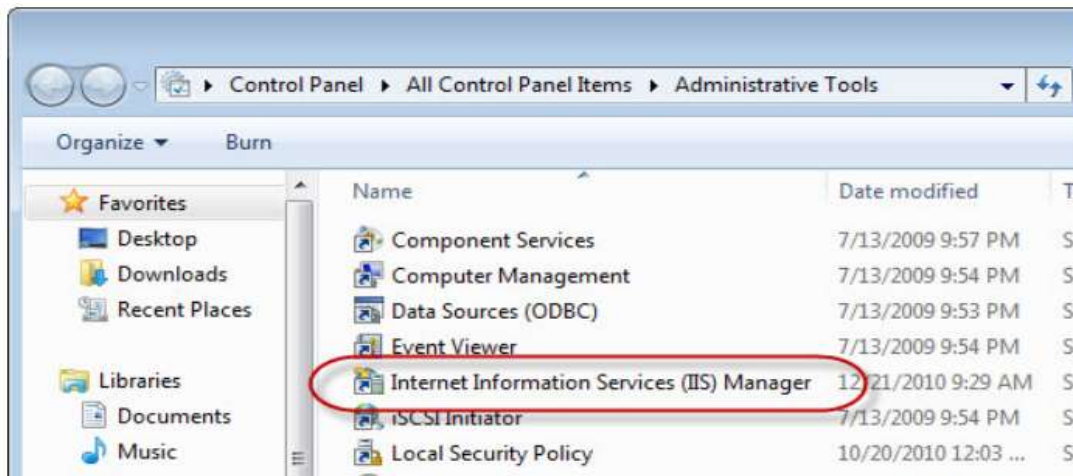
Steps to Configure SSO in DQLabs

The following steps are covered in the configuration of SSO in DQLabs

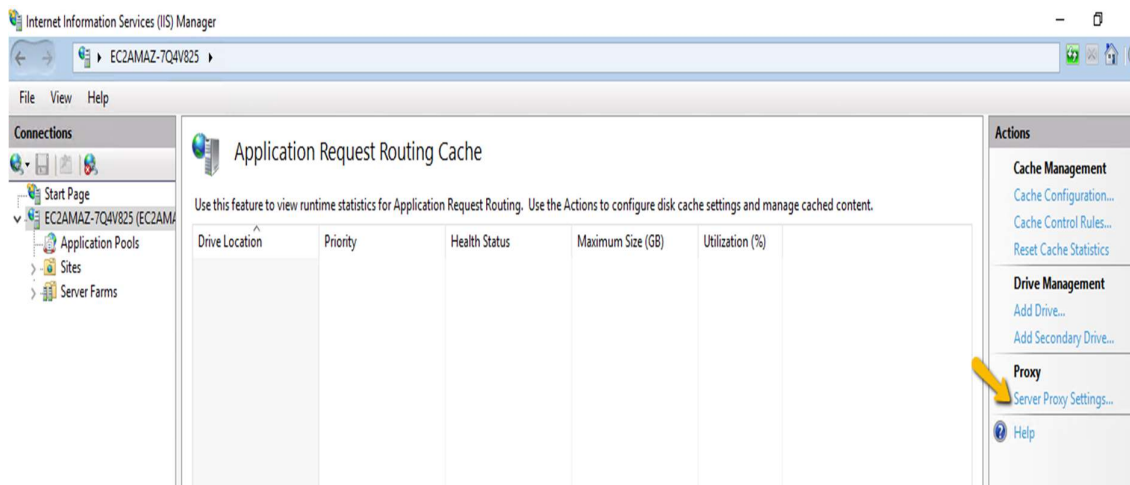
- ARR Settings for windows (Applicable only for windows environment)
- Creation of SAML configuration URL with example
- Logging in using SSO

ARR Settings for Window

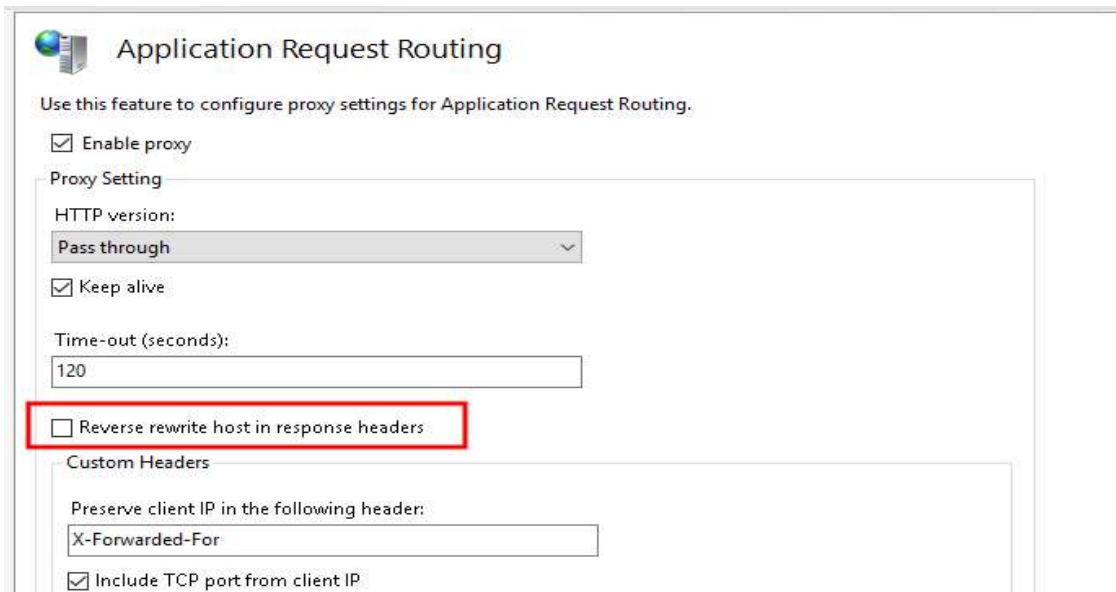
- On the Start screen, click the Control Panel.
- Click System and Security, and then click Administrative Tools.
- In the Administrative Tools window, double-click Internet Information Services (IIS) Manager



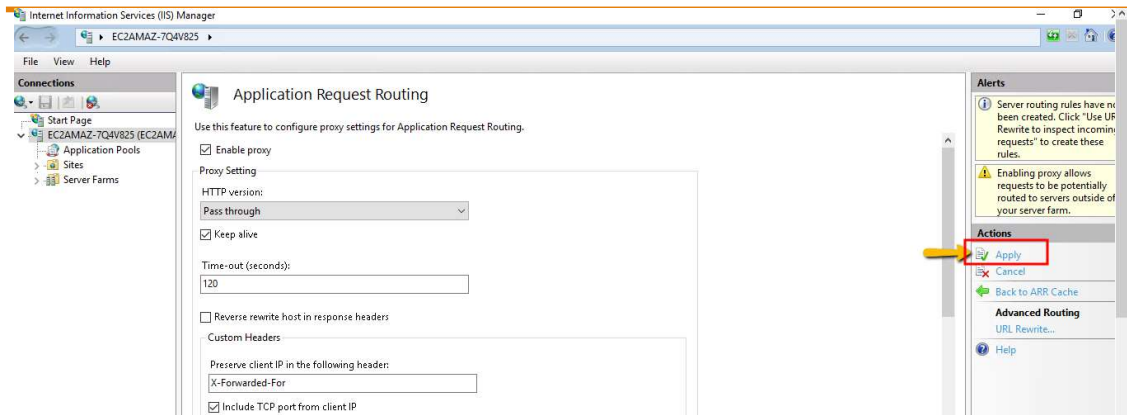
- Now click on server proxy settings under Proxy



- Under Server Proxy Settings, make sure that the Reverse rewrite host in response headers check box is disabled. If not, disable the check box and click Apply.

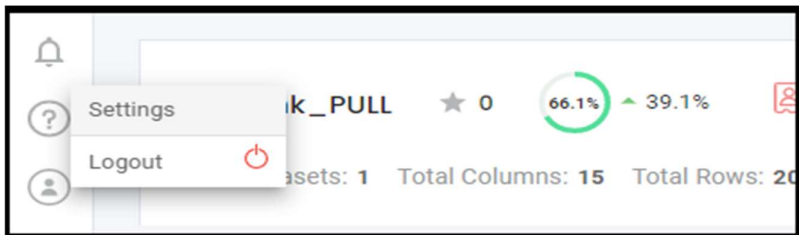


- Click on "Apply" to finish the setting.

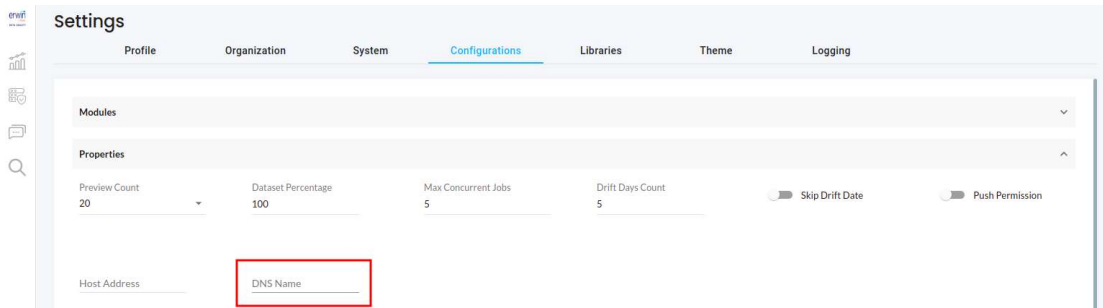


Create SAML Configuration URL

- Login as a superuser.
- Click User > Settings > Configurations tab > Properties.

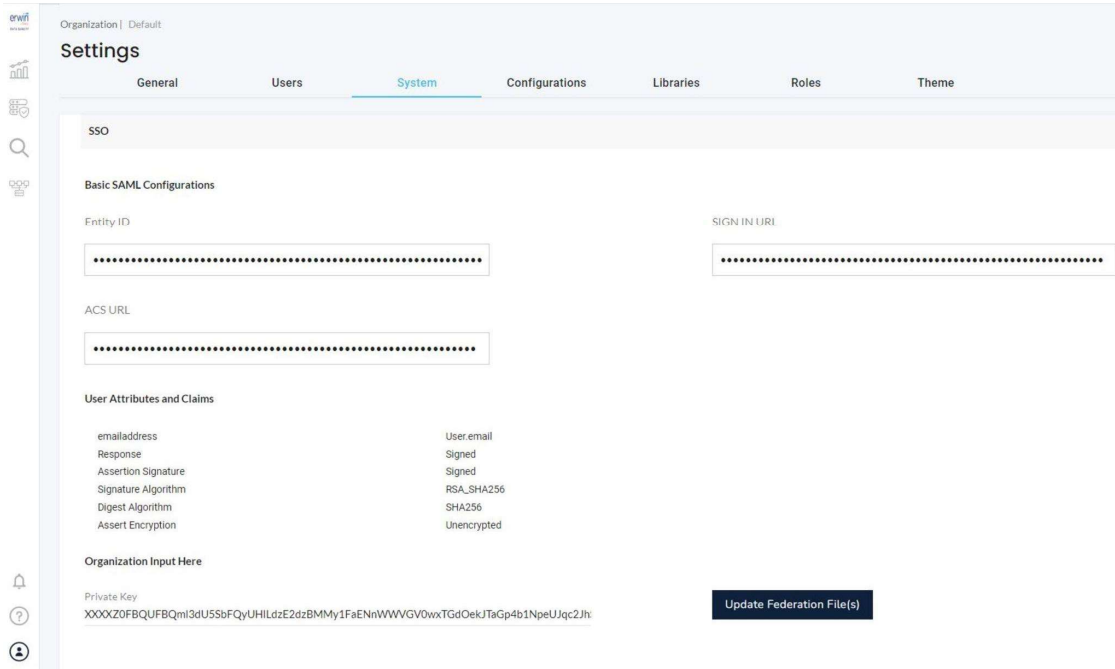


- Provide the Server's DNS Name in the DNS Name input field.



- Once the DNS name got updated the following **Basic SAML Configurations** details will get generated under each organization level settings.

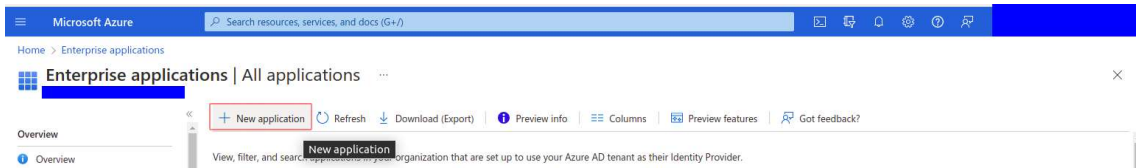
- User can open the organization level Settings by clicking Organization > Edit > System > SSO to get the following details.
 - Entity ID
 - SIGN IN URL
 - ACS URL



- Using this Basic SAML Configurations, download the federation file in the Active Directory. Please see the following example using Microsoft Azure.
- Add the domain name under the domains field. Same domain should be used while login to the DQLabs application.

SAML Configuration Using Microsoft Azure:

- Open the Microsoft azure application and search for Enterprise applications.
- Click on New application.



- Click on Create your own application > provide an app name and click Create.

The screenshot shows the Microsoft Azure portal interface. On the left, the 'Browse Azure AD Gallery' page is visible, with a red box highlighting the '+ Create your own application' button. The main content area shows various application categories like 'Cloud platforms' (Amazon Web Services, Google Cloud Platform, Oracle) and 'On-premises applications'. On the right, a modal dialog titled 'Create your own application' is open. The dialog contains a 'Got feedback?' link, a description of the gallery, and a form with the following fields: 'What's the name of your app?' with an 'Input name' text box (highlighted with a red box), and 'What are you looking to do with your application?' with three radio button options: 'Configure Application Proxy for secure remote access to an on-premises application', 'Register an application to integrate with Azure AD (App you're developing)', and 'Integrate any other application you don't find in the gallery (Non-gallery)'. The 'Integrate any other application...' option is selected. At the bottom right of the dialog, a 'Create' button is highlighted with a red box.

- Once the app created, click on Set up single sign on.

The screenshot shows a sequence of five steps for setting up an application. Step 2, 'Set up single sign on', is highlighted with a grey background. The steps are:

- 1. Assign users and groups**
Provide specific users and groups access to the applications
[Assign users and groups](#)
- 2. Set up single sign on**
Enable users to sign into their application using their Azure AD credentials
[Get started](#)
- 3. Provision User Accounts**
Automatically create and delete user accounts in the application
[Get started](#)
- 4. Conditional Access**
Secure access to this application with a customizable access policy.
[Create a policy](#)
- 5. Self service**
Enable users to request access to the application using their Azure AD credentials
[Get started](#)

- Click on SAML.

Select a single sign-on method [Help me decide](#)

Disabled
Single sign-on is not enabled. The user won't be able to launch the app from My Apps.

SAML
Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.

Password-based
Password storage and replay using a web browser extension or mobile app.

Linked
Link to an application in My Apps and/or Office 365 application launcher.

- On the SAML page, click Edit in Basic SAML Configuration.

Set up Single Sign-On with SAML

An SSO implementation based on federation protocols improves security, reliability, and end user experiences and is easier to implement. Choose SAML single sign-on whenever possible for existing applications that do not use OpenID Connect or OAuth. [Learn more.](#)

Read the [configuration guide](#) for help integrating test1.

1 Basic SAML Configuration Edit

Identifier (Entity ID)	Required
Reply URL (Assertion Consumer Service URL)	Required
Sign on URL	Optional
Relay State (Optional)	Optional
Logout Url (Optional)	Optional

Edit basic SAML configuration

- Paste the Entity ID, Reply URL(ACS URL) and Sign on URL from the DQLabs portal

Microsoft Azure | Search resources, services, and docs (G+)

Home > Enterprise applications > SAML-based Sign-on

Enterprise Application

Overview
Deployment Plan
Manage
Properties
Owners
Roles and administrators
Users and groups
Single sign-on
Provisioning
Application proxy
Self-service
Custom security attributes (preview)
Security
Conditional Access

Basic SAML Configuration

Save | Got feedback?

Want to leave this preview of the SAML Configuration experience? Click here to leave the preview. →

1 Basic SAML Configuration

Identifier (Entity ID)	Required
Reply URL (Assertion Consumer Service URL)	Required
Sign on URL	Optional
Relay State (Optional)	Optional
Logout Url (Optional)	Optional

Identifier (Entity ID) *

The unique ID that identifies your application to Azure Active Directory. This value must be unique across all applications in your Azure Active Directory tenant. The default identifier will be the audience of the SAML response for IDP-initiated SSO.

Default

Add identifier

Reply URL (Assertion Consumer Service URL) *

The reply URL is where the application expects to receive the authentication token. This is also referred to as the "Assertion Consumer Service" (ACS) in SAML.

Index Default

Add reply URL

2 Attributes & Claims

givenname
surname
emailaddress
name
Unique User Identifier

3 SAML Signing Certificate

Status
Thumbprint

Login Using SSO

- Open the portal in the browser and enter the username in the login page.
 - Username must contain valid user name followed by the constant domain name. (Domain name is case sensitive).
For example: user@domain.com



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DATA QUALITY

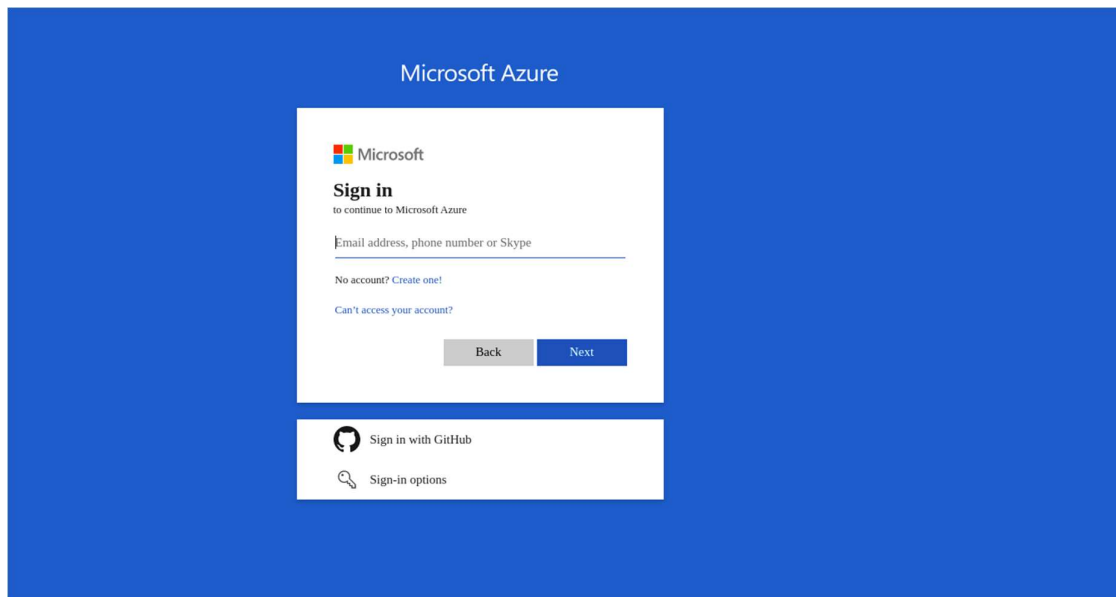
Login

Login

[Forgot Password](#)
[Signin SSO](#)

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2022-04-27

- Click the SignIn SSO option.
- Now the user will get navigated to the corresponding SSO login page.



- Once the user logged in to the portal successfully, user can verify the user profile and organisation details in Settings > Profile.
Note: By default, the user's role will be User and this role can be altered.

The screenshot displays the 'Settings' page with the 'Profile' tab selected. The page is divided into two main sections: 'My Profile' and 'Organization Profile'. The 'My Profile' section contains a form with the following fields:

Field	Value
First Name	****
Last Name	***
Email	*****
Phone Number	
Role Name	Admin

There is also an 'Upload Image' button next to a placeholder for a user profile picture.