

Integrations

OAuthAuthentication

V6.0.0

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OAUTH AUTHENTICATION

OAuth Authentication enables you to log into Logpoint using *OAuth 2.0*. It uses authorization tokens to allow authenticated access to servers and systems.

INSTALLING OAUTH AUTHENTICATION

Prerequisite

Logpoint v7.0.0 or later

To install OAuth Authentication:

1. Download the .pak file from the [Release Notes](#).
2. Go to *Settings >> System Settings* from the navigation bar and click **Applications**.
3. Click **Import**.
4. **Browse** to the downloaded .pak file.
5. Click **Upload**.

After installing OAuth Authentication, you can find it under *Settings >> System Settings >> Plugins*.

UNINSTALLING OAUTH AUTHENTICATION

You must first remove OAuth Authentication configurations from Logpoint and then uninstall it.

To remove OAuth Authentication configurations:

1. Go to *Settings >> Configuration* from the navigation bar and click **Plugins**.
2. Click **Manage** of OAuth Authentication.
3. Click the **Delete** (🗑️) icon under **Actions**.

To uninstall OAuth Authentication:

1. Go to *Settings >> System Settings* from the navigation bar and click **Applications**.
2. Click the **Uninstall** (🗑️) icon in **Actions** of OAuth.
3. Click **Yes**.

CONFIGURING THE OAUTH AUTHENTICATION

1. Go to *Settings >> Configuration* from the navigation bar and click **Plugins**.
2. Search for OAuth Authentication and click **Manage**.

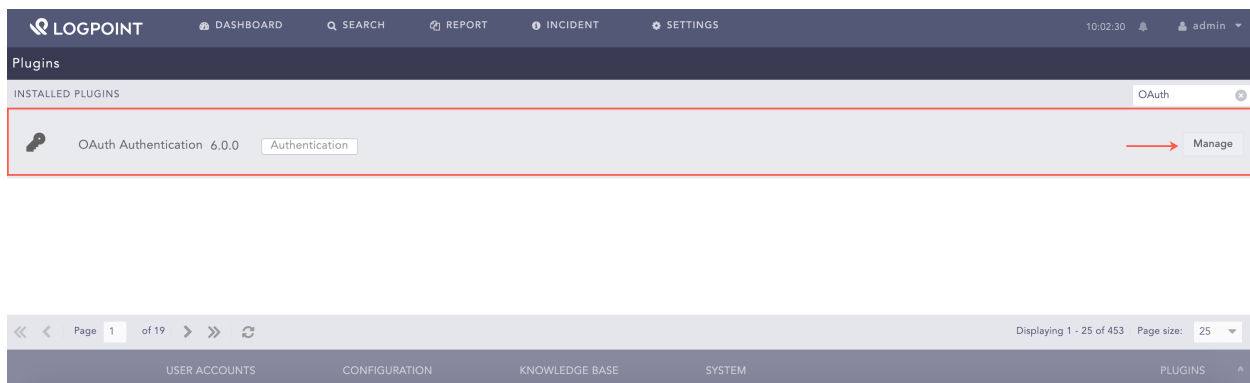


Fig. 1: Managing OAuth Authentication

3. Click **ADD SERVER**.

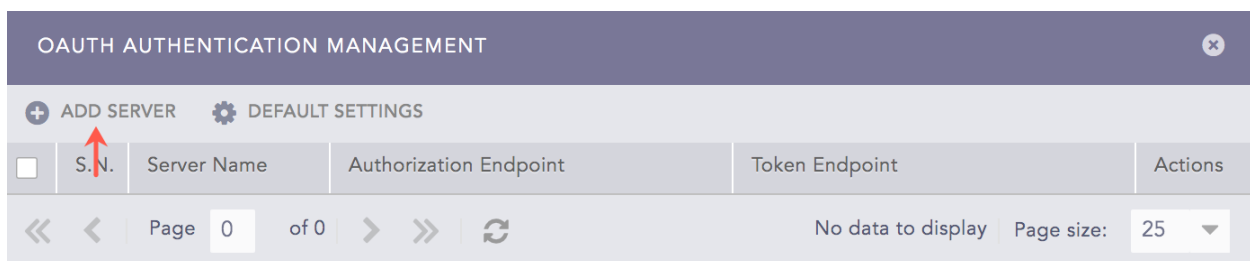


Fig. 2: Adding an OAuth Server

4. Enter a unique **Server Name** for the OAuth server.
5. Enter the **Client Id**. It is the application ID provided by *OAuth* to the registered clients.

6. Enter the **Client Secret**. It is a secret password created for OAuth.
7. Enter the OAuth **Authorization Endpoint**, **Token Endpoint** and **User Info Endpoint**.
8. Enter the **Redirect URL**. It is the Logpoint URL where *OAuth* redirects after verifying the access token and users information.
9. Enter the **Role Field**. It is used to extract roles from the OAuth response.
10. Click **Save**.

OAuth SERVER INFORMATION

OAuth SERVER

Server Name

Server

Client Id

123456

Client Secret

.....

Show

Authorization Endpoint

https://login.microsoftonline.com/xxx/oauth2/v2.0/authorize

Token Endpoint

https://login.microsoftonline.com/xxxxx/oauth2/v2.0/token

User Info Endpoint

https://xxmicrosoft.com/oidc/userinfo

Redirect URL

https://xxx/pluggables/Authentication/OAuthAuthentication/login

Role Field

admin

Save

Cancel

Fig. 3: Configuring OAuth

11. Select a Logpoint user group as the **Default Role**. OAuth Authentication assigns the default user group to the OAuth users whose role are not mapped in the [Mapping Roles](#).
12. Click **Save**. You can change the default settings from [Configuring Default Settings](#).
13. Click **Yes** to select OAuth Authentication as the default authentication. Otherwise, click **No**.

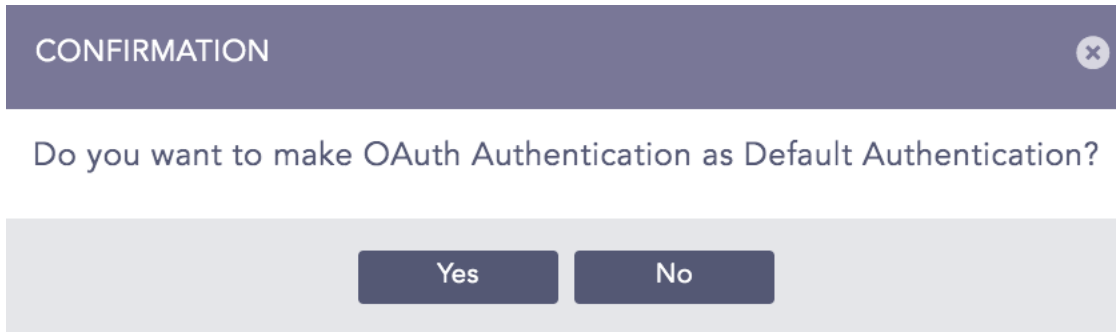


Fig. 4: OAuth Confirmation

Note: Once you add an OAuth server, **OAuth Authentication Management** removes **Add Server** and includes **Roles Mapping**.

4.1 Configuring Default Settings

1. Click **Default Settings** in **OAuth Authentication Management**.

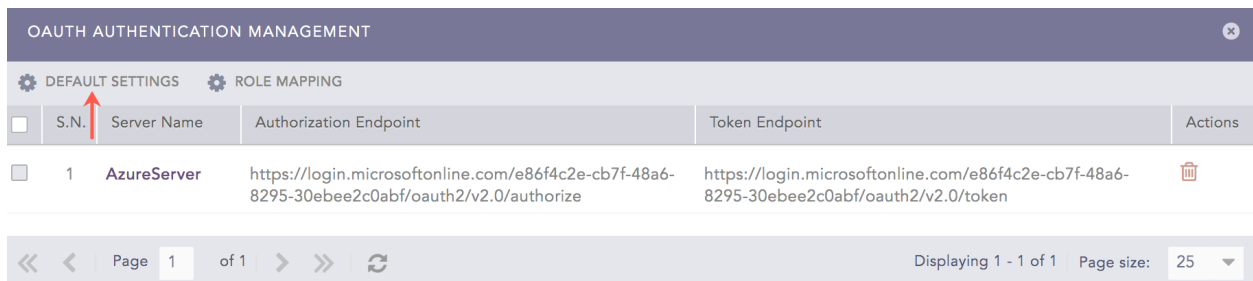
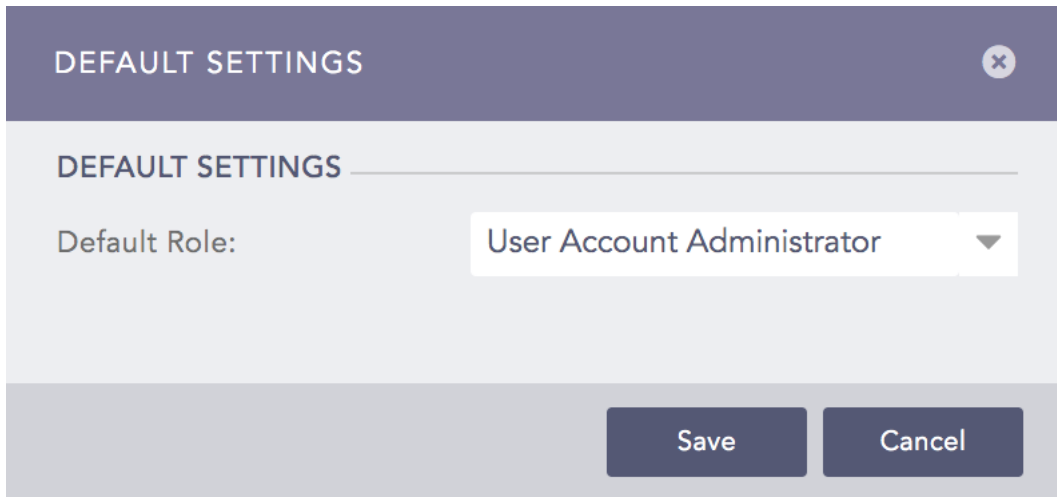


Fig. 5: OAuth Authentication Management

2. Select a Logpoint user group as the **Default Role**.



DEFAULT SETTINGS

DEFAULT SETTINGS

Default Role: User Account Administrator

Save Cancel

Fig. 6: Default Settings

3. Click **Save**.

4.2 Mapping Roles

You can map an OAuth role to a Logpoint user group to define access permission in Logpoint.

1. Click **Roles Mapping** in **OAuth Authentication Management**.
2. Enter an **OAuth Role**.
3. Select a **Logpoint User Group** to assign to the OAuth role.

ROLE MAP STRATEGIES

MAPPING INFORMATION

OAuth Role:

Admin

LogPoint User Group:

User Account Administrator

Add

S.N.	OAuth Role	LogPoint User Group	Actions
------	------------	---------------------	---------

Submit

Cancel

Fig. 7: OAuth Role Mapping

4. Click **Add**.

ROLE MAP STRATEGIES

MAPPING INFORMATION

OAuth Role:

LogPoint User Group:

Add

S.N.	OAuth Role	LogPoint User Group	Actions
1	Admin	User Account Administrator	^ v

Submit

Cancel

Fig. 8: OAuth Role Mapping Added

Note: You can map an OAuth role to one Logpoint user group only.

LOGIN USING OAUTH AUTHENTICATION

Logpoint redirects you to the login page of the authorization server if you have selected OAuth Authentication as the default authentication. You can log in using the *OAuth* credentials. Otherwise, Logpoint opens the default login page of Logpoint Authentication.

To log into Logpoint using OAuth Authentication:

1. On the login page, click **Other Authentication Options**.



PLEASE LOGIN TO CONTINUE



Username



Password

[Forgot password?](#)

LOGIN

Other Authentication Options

Fig. 1: Other Authentication Options

2. Select **OAuth Authentication**.
3. Log into Logpoint using the authorization server credentials.

Once you log in with the authorization server credentials, Logpoint adds "oauth_" as a prefix to your username. For example, if you log in as "bob", Logpoint updates your username to "oauth_bob".

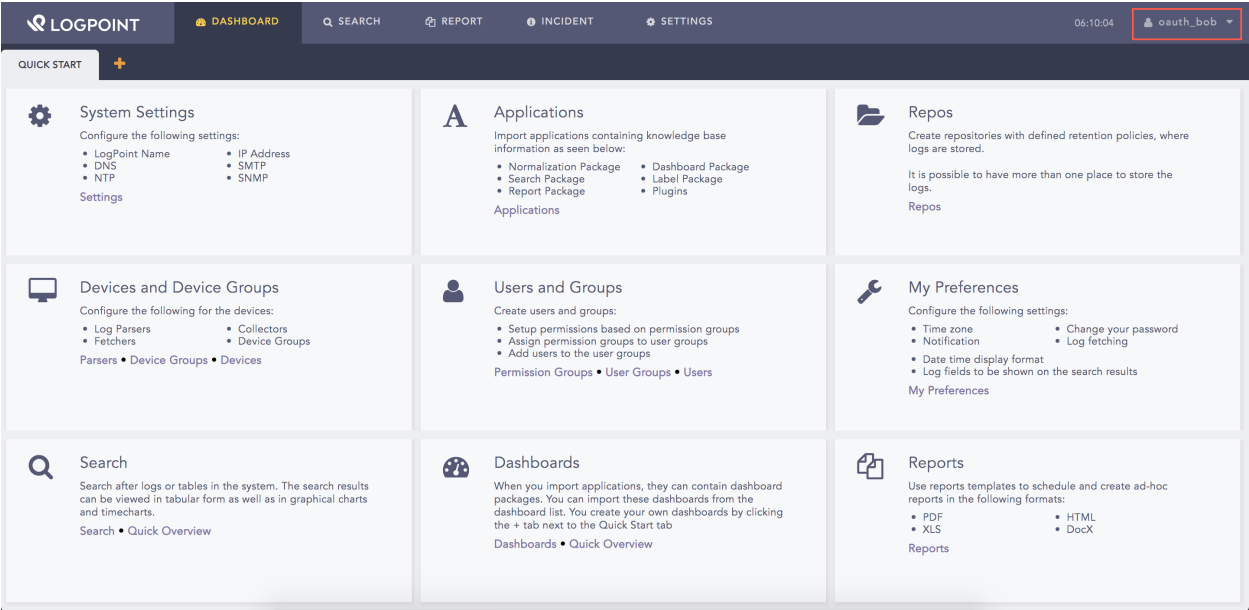


Fig. 2: User logged in with OAuth Authentication

MANAGE OAUTH AUTHENTICATION USERS

Logpoint users with User Account Administrator and Logpoint Administrator access can manage OAuth users.

To manage OAuth users:

1. Go to *Settings >> User Accounts* from the navigation bar and click **Users**.
2. In **Plugin Users**, click **OAuth Authentication**. It lists all the OAuth users who have logged into Logpoint.

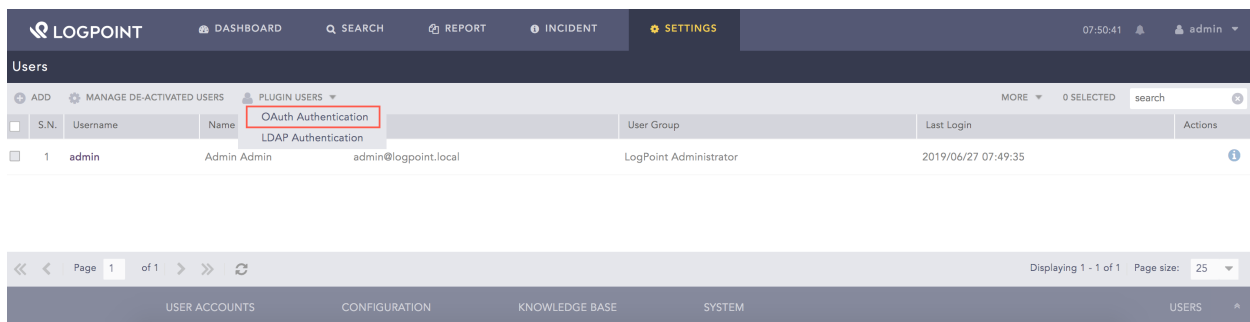


Fig. 1: Plugin Users

3. Click the **De-Activate User** icon in **Actions** to deactivate a user.

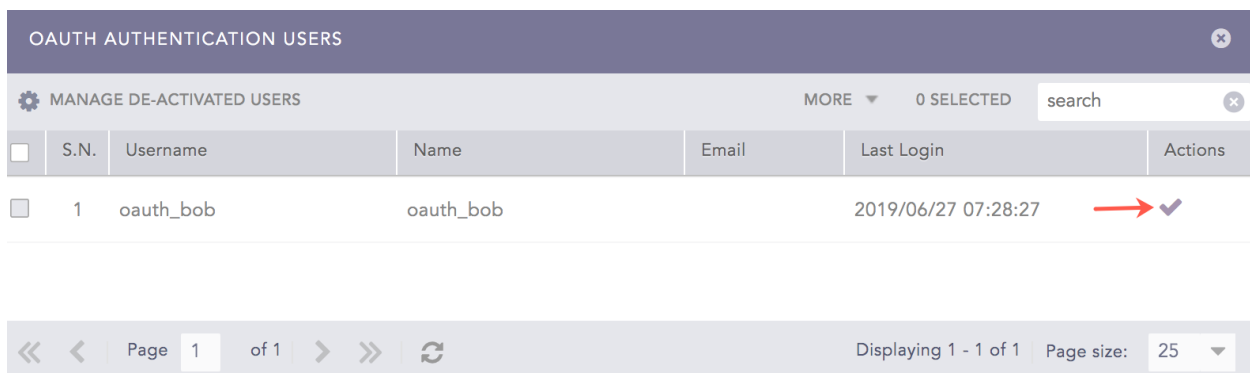


Fig. 2: Deactivating OAuth Users

4. Click **Yes**.
5. Enter your credentials and click **Ok**.
6. Click **Manage De-Activated Users**.
7. Click the **Activate User** or **Delete** icon to activate or delete the deactivated user.

DEACTIVATED USERS						
MORE ▾ 0 SELECTED						
☐	S.N.	Username	Name	Email	Last Login	Actions
☐	1	oauth_bob	oauth_bob		2019/06/27 07:28:27	  

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Fig. 3: Activating the Deactivated OAuth User

DEACTIVATED USERS						
MORE ▾ 0 SELECTED						
☐	S.N.	Username	Name	Email	Last Login	Actions
☐	1	oauth_bob	oauth_bob		2019/06/27 07:28:27	  

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Fig. 4: Deleting the Deactivated OAuth User