

OVERVIEW

To use OneFile as an authentication provider we provide an OAuth 2.0 integration.

AUTHORISATION REQUEST

GET

Url:

https://login.onefile.co.uk/auth?client_id={YOUR_CLIENT_ID}&redirect_uri={YOUR_REDIRECT_URI}&state={YOUR_STATE_TOKEN}&scope=user&response_type=code

Parameter	Type	Use
client_id	Alpha numeric string	Used to identify the connecting external service provider
redirect_uri	String	Used as the redirect url when user authentication is complete, this must match the redirect url that was inputted when setting up the client
state	String	Used to validate the authorization response, preventing CSRF attacks

This call will allow the user to authenticate then return them to the redirect uri with an authorization code, which can then be used to request an access token this will look like this:

GET

Url: {YOUR_REDIRECT_URI}?code={THE_GENERATED_AUTH_CODE}&state={YOUR_STATE_TOKEN}

From this you will then need to make an access token request.

ACCESS TOKEN REQUEST

POST

Url:

https://login.onefile.co.uk/token?client_id={YOUR_CLIENT_ID}&client_secret={YOUR_CLIENT_SECRET}&grant_type=authorization_code&redirect_uri={YOUR_REDIRECT_URI}&code={YOUR_AUTHORIZATION_CODE}

Parameter	Type	Use
client_id	Alpha numeric string	Used to identify the connecting external service provider
redirect_uri	String	Used as the redirect url when user authentication is complete, this must match the redirect url that was inputted when setting up the client
code	String	Used to validate the access token request for a user
client_secret	String	Used to validate that the request for the access token is coming from the external service provider that created the OAuth client

This will respond with an access token that can be used to request information for the user.

Single Sign-On

Response:

```
ContentType : application/json
{
  "access_token": "{THE_ACCESS_TOKEN}",
  "token_type": "bearer"
}
```

USER DETAILS REQUEST

GET

Url: <https://login.onefile.co.uk/me>

Headers:

- Authorization: {THE_TOKEN_TYPE} {THE_ACCESS_TOKEN}
N.B the space is important

Response:

```
ContentType : application/json
{
  "UserID": "1"
  "FirstName": "John",
  "LastName": "Smith"
}
```

A visual representation of the workflow can be found on the following page:

Single Sign-On

