Express OAuth2-

**Create a user** - <http://localhost:9876/users>

{

"username": "steve",

"firstname": "Steve",

"lastname": "Brown",

"email": "steve@example.com",

"redirectUri": "http://example.com"

}

Sample resp-

{

"users": [

{

"isActive": true,

"username": "steve",

"id": "d9deed8a-e688-4195-9da5-8ff9a1586e1f",

"firstname": "Steve",

"lastname": "Brown",

"email": "steve@example.com",

"redirectUri": "http://example.com",

"createdAt": "Tue Jun 16 2020 17:33:47 GMT+0530 (India Standard Time)",

"updatedAt": "Tue Jun 16 2020 17:33:47 GMT+0530 (India Standard Time)"

}

],

"nextKey": 0

}

**Create basic Auth credentials for user** – <http://localhost:9876/credentials/>

{

"consumerId": "steve",

"type": "basic-auth"

}

Sample resp –

{

"isActive": true,

"createdAt": "Tue Jun 16 2020 17:38:57 GMT+0530 (India Standard Time)",

"updatedAt": "Tue Jun 16 2020 17:38:57 GMT+0530 (India Standard Time)",

"autoGeneratePassword": true,

"passwordKey": "password",

"id": "d9deed8a-e688-4195-9da5-8ff9a1586e1f",

"password": "521477a8-58c5-467b-95e8-8fdf90ecacaf"

}

**Create an app** – <http://localhost:9876/apps>

{

"userId": "steve",

"name": "my-app",

"redirectUri": "http://example.com"

}

Sample resp –

{

"isActive": true,

"id": "a2d44d18-4812-4410-9f71-566878469dee",

"userId": "d9deed8a-e688-4195-9da5-8ff9a1586e1f",

"name": "my-app",

"redirectUri": "http://example.com",

"createdAt": "Tue Jun 16 2020 17:56:35 GMT+0530 (India Standard Time)",

"updatedAt": "Tue Jun 16 2020 17:56:35 GMT+0530 (India Standard Time)"

}

Getting access token –

[http://localhost:8080/oauth2/authorize?response\_type=token&client\_id={id\_of](http://localhost:8080/oauth2/authorize?response_type=token&client_id=%7bid_of) app}&redirect\_uri={redirect url must match what passed while while creating app}

example –

<http://localhost:8080/oauth2/authorize?response_type=token&client_id=6777c6c9-35b6-4c67-a6bd-3256782a114d&redirect_uri=http://example.com>

It will prompt a pop-up, to input userId and password of the user. Once authorized, it will show a pop-up stating that application wants to access the resource. Once clicked “Allow” it will redirect to redirect\_url along with access token.

TODO: <https://www.express-gateway.io/docs/credential-management/>