

# Duke Authentication

[Home](#) [Documentation](#) [Shibboleth/SAML](#) [OAuth](#) [Help](#)

## Register an OAuth Client

[OAuth Mobile Development Standard](#)

### Information

**Client ID \*** [?](#)

**Client Secret**

Client secret will be auto generated.

**Client Name \*** [?](#)

**Client Description \*** [?](#)

**Policy URI**

**Redirect URIs** [?](#)
[+ Add URI](#)
 
**Add Group** [?](#)
 

### Access Settings

**Scope(s) \***

Specifies user account data available to the client. The user will be shown a consent form to approve release of this information.  
 Openid scope is given by default. If you are not sure what to select, we suggest just using openid.

- openid** - provides sub, dukeNetID, dukeUniqueId
- profile** - adds dukePrimaryAffiliation, name, given\_name, family\_name
- email** - adds email, email\_verified

**Client Endpoints** [?](#)
[+ Add Endpoint](#)
 
**Grant Type(s) \***

Determines the 'OAuth flow' or exact steps and how the client communicates with the OAuth Service.  
 The authentication\_code grant type is recommended.

- authorization\_code** - clients will receive a 'code' parameter and value pair in a call to the Redirect URI, and then use it to retrieve a token
- client\_credentials** - retrieves an access token unrelated to a user that can access resources related to the client

[+ Not seeing the grant type you need?](#)
**Introspection** [?](#)

- Allow calls to introspection endpoint?**

### Credentials

**Token Endpoint Authentication Method \***

- Client Secret over HTTP Basic** - basic auth where the user is the client ID and pass is the secret
- Client Secret over HTTP POST** - post where the body contains parameters for the token (secret) and client\_id
- No authentication**

### Tokens

Access Token and Open ID Connect Token Timeout may not exceed 2 hours.

Open ID Connect Token Timeout \*

 seconds ▾

Access Token Timeout \*

 seconds ▾

Refresh Tokens ?

Use Refresh Tokens

Yes  No

Refresh Token Timeout - short access token timeouts but long refresh token timeouts are recommended

 seconds ▾

Refresh tokens do not time out

Refresh tokens for this client are re-used

Active access tokens are automatically revoked when the refresh token is used

## MFA

If you need to enforce MFA in your OAuth flow for this client please send a ServiceNow ticket to OIT Identity Management for the registered client.

**REGISTER CLIENT ➔**