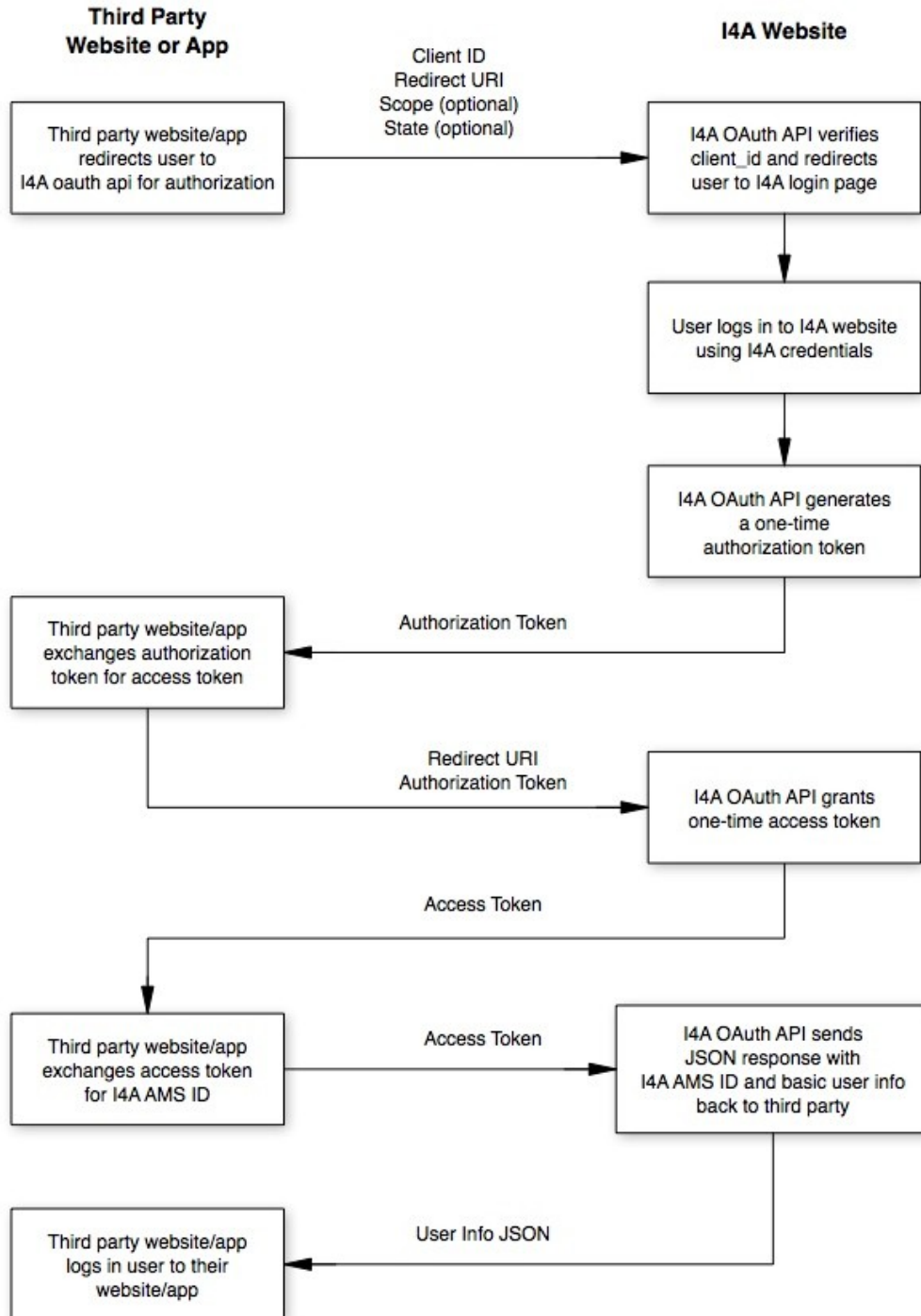


I4A OAuth 2.0 Flow



OAUTH 2.0 Third Party Implementation Instructions

Note: Variable names listed below are in uppercase letters, bold, blue and italics.

Example: ***VARIABLE_NAME***

Information provided by the Authorization Server (I4A)

- Client ID (***CLIENT_ID***)
- Client Secret (***CLIENT_SECRET***)
- Authorization Endpoint
- Token Endpoint
- User Info Endpoint
- Test User Username
- Test User Password
- Test User AMS ID

Authorization Endpoint

https://www.domain.com/i4a/oauth/authorize.cfm

- must be a GET
- response type will be a code
- supports the following query parameters: response_type, client_id, redirect_uri, state
- response will contain a “code” variable in the querystring

REQUEST

Request Type: GET

Request URL:

https://www.domain.com/i4a/oauth/authorize.cfm?

response_type=code&client_id=***CLIENT_ID***&redirect_uri=***REDIRECT_URI***&state=***STATE***

Query Parameters

Variable Name	Value	
response_type	code	Required
client_id	<i>CLIENT_ID</i>	Required
redirect_uri	<i>REDIRECT_URI</i>	Required
state	<i>STATE</i>	Optional

RESPONSE

GET request redirects to: I4A customer website login page

Login page redirects to: ***REDIRECT_URI?code=CODE&state=STATE***

Token Endpoint

https://www.domain.com/i4a/oauth/token.cfm

- must be a POST
- must use Basic Authorization with ***CLIENT_ID*** and ***CLIENT_SECRET***
- request body must be application/x-www-form-urlencoded
- support the following query parameters: grant_type, code, redirect_uri, client_id
- response will be of type application/json
- response will contain an “access_token” which can then be used to look up the user’s unique I4A AMS ID

REQUEST

Request Type: POST

Request URL: https://www.domain.com/i4a/oauth/token.cfm

Content-Type: application/x-www-form-urlencoded

Authorization: Basic BASE64ENCODE(***CLIENT_ID:CLIENT_SECRET***)

Query Parameters

Variable Name	Value
grant_type	authorization_code
code	<i>CODE</i>
client_id	<i>CLIENT_ID</i>
redirect_uri	<i>REDIRECT_URI</i>

RESPONSE

Content-Type: application/json

```
{  
  access_token: ACCESS_TOKEN  
}
```

User Info Endpoint

https://www.domain.com/i4a/oauth/userinfo.cfm

- must be a GET
- must use Bearer Token Authorization
- response will be of type application/json

- response will contain the user's unique I4A AMS ID in the "id" variable

REQUEST

Request Type: GET

Request URL: <https://www.domain.com/i4a/oauth/userinfo.cfm>

Authorization: Bearer ***ACCESS_TOKEN***

RESPONSE

Content-Type: application/json

```
{
  id: AMS_ID,
  prefix: PREFIX,
  firstname: FIRSTNAME,
  middlename: MIDDLENAME,
  lastname: LASTNAME,
  suffix: SUFFIX,
  email: EMAIL,
  company: COMPANY,
  title: TITLE,
  address1: ADDRESS1,
  address2: ADDRESS2,
  address3: ADDRESS3,
  city: CITY,
  state: STATE,
  zip: ZIP,
  country: COUNTRY,
  phone: PHONE,
  fax: FAX,
  is_member: 0/1,
  membership_type: MEMBERSHIP_TYPE,
  membership_expiration_date: YYYY-MM-DD
}
```

Note: The *userinfo* endpoint can be customized to add additional fields as needed by the customer.