

Testing with CURL

Generate OAUTH Token

To test any REST services you provide via Apex, an OAUTH token will be required. This makes debugging simpler and faster.

See https://developer.salesforce.com/docs/atlas.en-us.api_rest.meta/api_rest/intro_understanding_username_password_oauth_flow.htm for a reference.

The following information is needed from the [Connected App Configuration](#):

- client_id
- client_secret

The OAUTH Token is generated using CURL.

CURL - Generate OAUTH Token

```
curl -d "grant_type=password&client_id=<client_id>&client_secret=<client_secret>&username=<salesforce_user_name>&password=<salesforce_password><security_token>" -X POST https://login.salesforce.com/services/oauth2/token
```

NOTE: there is no space between <salesforce_password> and <security_token>

For the endpoints, use the following for the live system:

`https://login.salesforce.com/services/oauth2/token`

And the following for the test / sandbox system:

`https://test.salesforce.com/services/oauth2/token`

The following shows a sample response received from the Salesforce system:

CURL - Generate OAUTH Token Sample Response

```
{"access_token":"00D9E0000000ZG1!AQoAQATcoQIashdlkjhkerwjC87giIs5umhHmQA_xWbb4qqM2t1asdaSXrUs8J.WXmCRQr2K93FydCd4y4qdG7zOmGC0LgDxEDJEDpf4n7AiygkS","instance_url":"https://cs88.salesforce.com","id":"https://test.salesforce.com/id/00D9AAE000000AAAA0ZG1UAM/0059E000002GhnoQAC","token_type":"Bearer","issued_at":"1510758069682","signature":"WKXl67nbYAAg+CeqU+eekp4AFDsasdasdarabctz1xmBN7DD7kcw="}
```

The portion in "access_token" is required for testing the APIs using CURL.