# 1.2.9 Roche OpenID Integration Guide

Roche OpenID is the solution chosen by Roche to create user accounts, authenticate users and manage consents through the digital identification standard, OpenID. To integrate this service in your product, please follow the next steps.

## STEP 1: Request a new OpenID integration

The first step to integrate Roche OpenID in your product is to request your OpenID credentials. To get these credentials you will need to create a task in Jira for the project CIAM & Consent Management with the information below:

- **Task Summary**: [YOUR PRODUCT + Request integration]

- **Datacenter**: [Example: EU]
  We have available two Data Centers to store users, EU and US. The users are not shared between these Data Centers. A user registered in US will not have account in EU.

- **Environments**: [Example: DEV]
  Select the development environments that your product needs for integration: DEV, TEST, QA or PROD.

- **Start Date**: [Example: 13th of November]
  Tell us the date you need the environment available. Also, we will use this date to plan our support.

- **Redirect UR**L: [Example: https://www.home.com/welcome.htm]
  This is the URL where we will redirect the user after a successful login. If you don’t have one yet, we can put a localhost URL in the DEV environment.

- **Texts for emails**: [Example: Welcome to our awesome patient portal!]
  The system automatically sends the following emails: verification email, reset password, reset password confirmation and delete account confirmation. For this reason, we need the texts for each of them. You have examples here.

- **Consent data**.
  To include an user consent in the process, we need the text that will be shown to the user, the version of the consent and if it will be mandatory.
  - **Text**: [Example: “I have read and accepted the Term of Use and Privacy Policy”]
  - **Versioning**: [Example: 1.0 or 13/11/2019]
  - **Mandatory**: [Example: True]
  - **Link of PDF consents**: [Example: https://www.home.com/consent.pdf]

- **Translations**: [Example: Bienvenue sur notre portail patient genial]
  If your product supports more than one language, please send us the text translations that you want to use in these emails and consents. Our team speaks many languages, but surely your translations are much more precise!

## STEP 2: Wait for your OpenID credentials

From Roche you will receive your OpenID credentials with the Datacenter, APIKEY, CLIENTID that you need and the Environment information. Everything necessary to begin your integration.

Normally, we do not take more than 48 hours. But if we take a little longer, do not panic. We do not leave request without answer!

## STEP 3: Build the calls with your OpenID credentials

With the data that we will send you (APIKEY and CLIENTID), you can build the calls to the endpoints that you need for the integration: Authorize endpoint, Token endpoint and Userinfo endpoint.

## Authorize endpoint [GET]

```
https://access-dev.rochedc.accentureanalytics.com/oidc/authorize?apiKey= {{APIKEY}}&client_id={{CLIENTI
D}} &redirect_uri={{SUCCESS_URL}}
```

## Token endpoint [POST]

URL

```
https://api.rochedc.eu/mule/api/Gigya/oidc/token
```

Header

```
Content-Type:application/json
```

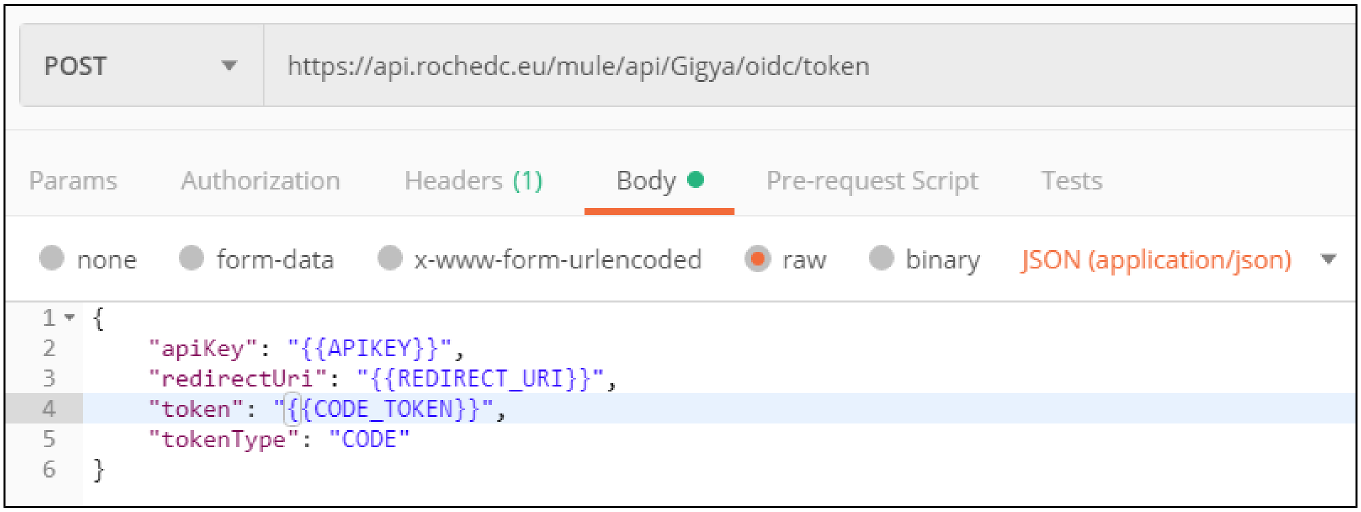
Code Body

```
{

   "apiKey": "{{APIKEY}}",

   "redirectUri": "{{REDIRECT_URI}}",

   "token": "{{CODE_TOKEN}}",

   "tokenType": "CODE"

}
```

Refresh Body

```
{

   "apiKey": "{{APIKEY}}",

   "redirectUri": "{{REDIRECT_URI}}",

   "token": "{{REFRESH_TOKEN}}",

   "tokenType": "REFRESH_TOKEN"

}
```

Code Example Screenshot

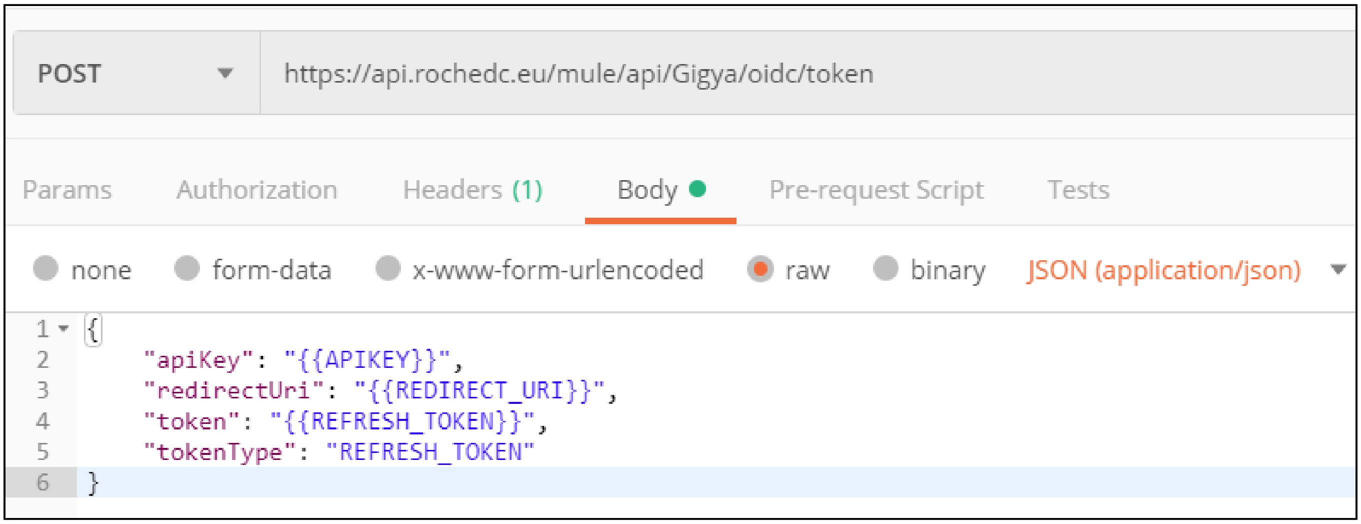


POST https://api.rochedc.eu/mule/api/Gigya/oidc/token

● raw JSON (application/json)

```
{
    "apiKey": "{{APIKEY}}",
    "redirectUri": "{{REDIRECT_URI}}",
    "token": "{{CODE_TOKEN}}",
    "tokenType": "CODE"
}
```

Refresh Example Screenshot



POST https://api.rochedc.eu/mule/api/Gigya/oidc/token

● raw JSON (application/json)

```
{
    "apiKey": "{{APIKEY}}",
    "redirectUri": "{{REDIRECT_URI}}",
    "token": "{{REFRESH_TOKEN}}",
    "tokenType": "REFRESH_TOKEN"
}
```

### Userinfo endpoint [POST]

URL

```
https://api.rochedc.eu/mule/api/Gigya/oidc/userinfo
```

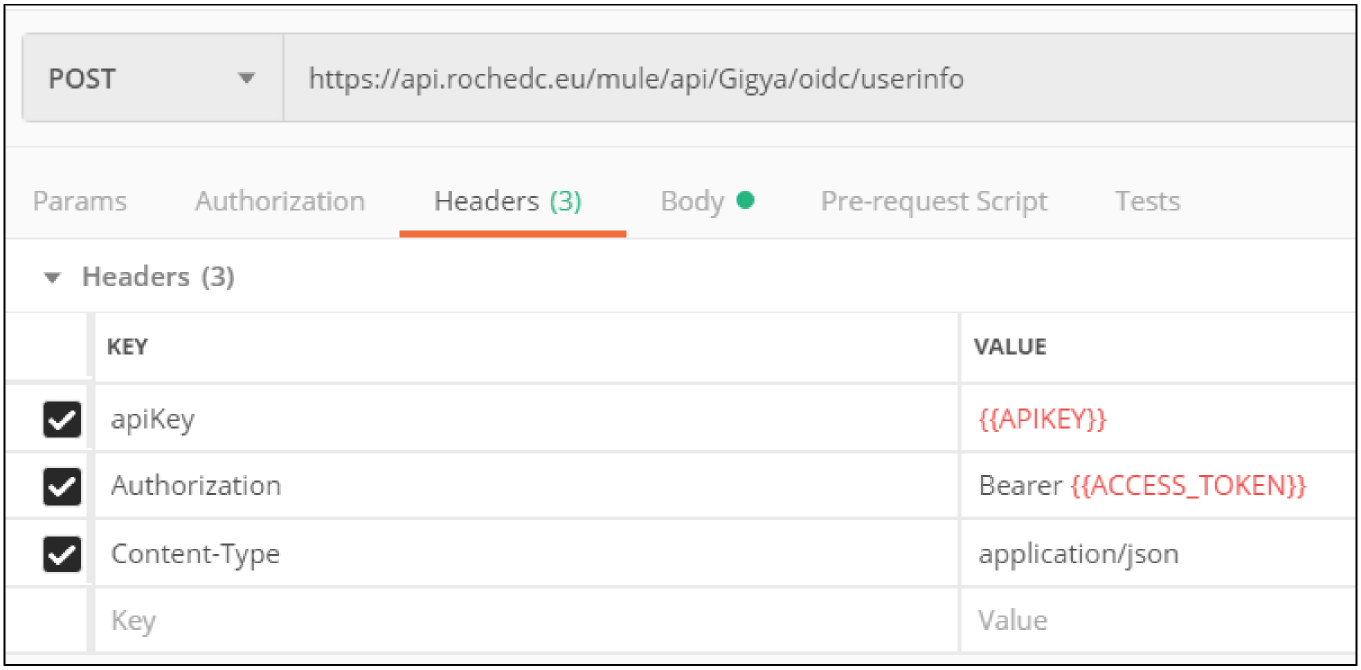
Header

```
{
apiKey:{{APIKEY}}
Authorization:Bearer {{ACCESS_TOKEN}}
Content-Type:application/jsonF
}
```

Body

```
{
    "apiKey":"{{APIKEY}}",

"token":"{{ACCESS_TOKEN}}"
}
```

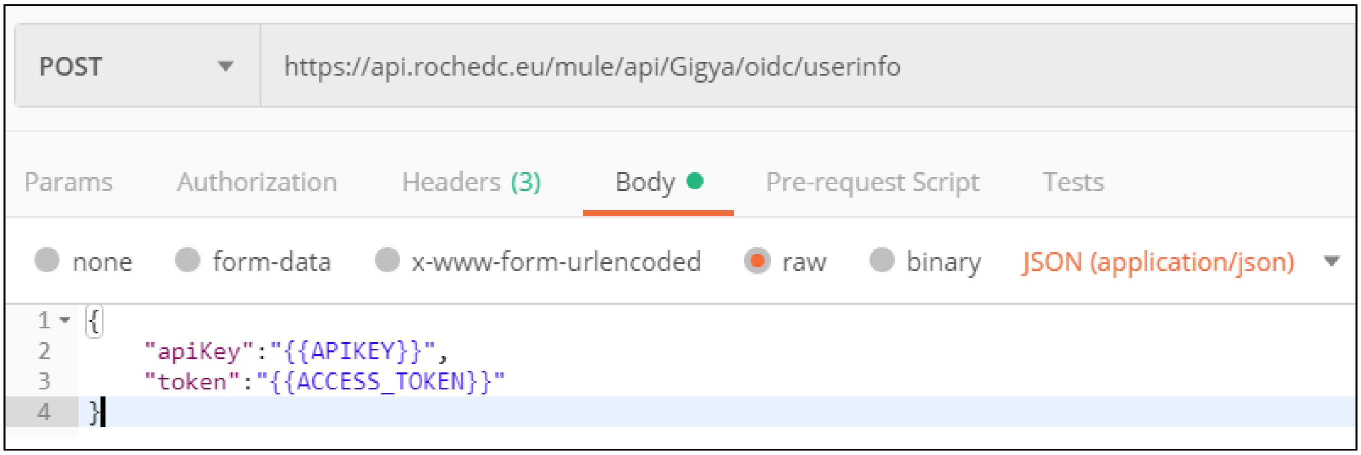
Header Example Screenshot



POST ▾ https://api.rochedc.eu/mule/api/Gigya/oidc/userinfo

|  | KEY | VALUE |
|---|---|---|
| ☑ | apiKey | {{APIKEY}} |
| ☑ | Authorization | Bearer {{ACCESS_TOKEN}} |
| ☑ | Content-Type | application/json |
|  | Key | Value |

Body Example Screenshot



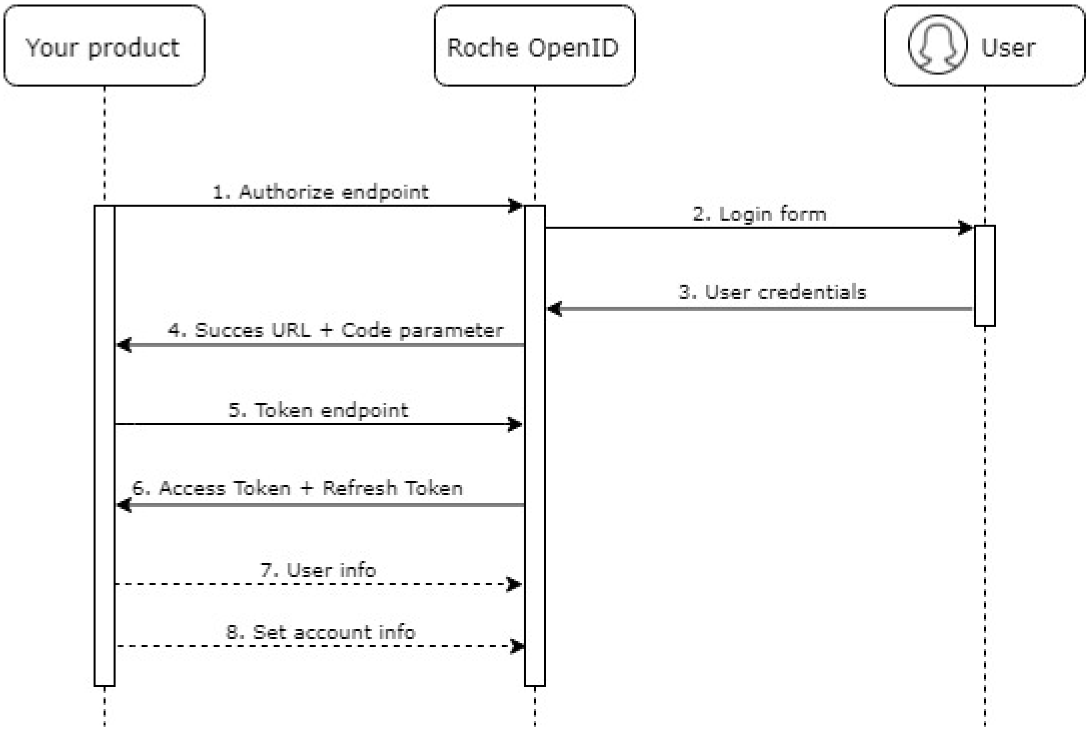
POST ▾ https://api.rochedc.eu/mule/api/Gigya/oidc/userinfo

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary JSON (application/json) ▾

```
{
    "apiKey":"{{APIKEY}}",
    "token":"{{ACCESS_TOKEN}}"
}
```

## STEP 4: Implement the Roche OpenID

Once the calls are built, it’s time to integrate them into your product. For that, you need to follow the next process.



1. Redirect the user to the Authorize endpoint.
2. Roche OpenID shows the login view to the user.
3. Roche OpenID receives the user credentials.
4. The user will be redirected to the success page. In the URL you will find the code to call the Token endpoint.
5. Call the Token endpoint with the code and you will receive an Access Token and a Refresh Token.
6. Use the Access Token with the userinfo to get the information of the user and use the Refresh Token to get a new pair of tokens when the Access Token is expired.

## STEP 5: Test your integration

If you have followed these steps correctly, your product is already integrated with Gigya through OpenID. Do all the necessary tests to verify that the integration has been done successfully. In case of problems, you can create an issue in Jira for our team **CIAMCM** and we will give you support as soon as possible.

## STEP 6: Tell us your experience with this process

We want to improve, we want to help better and faster. So, your opinion and experience are very important to us. Please, add a comment with your suggestions and we will happy to attend it.

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