

# Oracle Banking Digital Experience

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**ORACLE®**

API Documentation - Getting Started Guide  
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# 1. Preface

## 1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

## 1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.3 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## 1.4 Structure

This manual is organized into the following categories:

*Preface* gives information on the intended audience. It also describes the overall structure of the User Manual.

*Introduction* provides brief information on the overall functionality covered in the User Manual.

The subsequent chapters provide information on transactions covered in the User Manual.

Each transaction is explained in the following manner:

- Introduction to the transaction
- Screenshots of the transaction
- The images of screens used in this user manual are for illustrative purpose only, to provide improved understanding of the functionality; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.
- Procedure containing steps to complete the transaction- The mandatory and conditional fields of the transaction are explained in the procedure.

If a transaction contains multiple procedures, each procedure is explained. If some functionality is present in many transactions, this functionality is explained separately.

## 1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Release 18.1.0.0.0, refer to the following documents:

Oracle Banking Digital Experience Licensing Guide

## 2. Overview

OB APIs expose a range of business functions for the banks to offer to its customers and allows them to design the customer experience of choice.

It also allows third-party financial service solution providers to collaborate with the banks from an open banking and PSD2 perspective.

These APIs are built in a RESTful architectural style with data represented in JSON.

Security is extremely important for banking APIs and hence these APIs can be accessed only if a trusted relationship is built between the API provider and the consumer.

## 3. API Catalogue

APIs are grouped into different categories based on business functions and its associated use cases. You can check out the products, API signatures, parameters, and response structure to understand the APIs from a functional perspective.

### 3.1 Trying out the APIs

APIs can be tried with a specific user context through proper authentication so that you can get an understanding of the request and response structure and can be integrated after complete understanding of the APIs.

There are specific set of APIs which are not contextual to user like fetching enumerations, products etc. and can be tried without any authentication.

Before trying out the APIs, you will need to follow the below steps to get respective CURL requests

---

**Note:** Variables highlighted in red needs to be replaced by actual value

---

#### 3.1.1 Login

```
curl -v -X POST "http://HOST:<PORT>/digx/j_security_check" -H "Cache-Control: no-cache" -H "Content-Type: application/x-www-form-urlencoded" -d "j_username=USER_NAME&j_password=PASSWORD"
```

As part of the response, you will be provided with a jsession ID cookie that can be used in the subsequent request to create nonce

#### 3.1.2 Create Nonce

Use the jsession ID cookie as provided in the previous step to create nonce as shown below

```
< Set-Cookie: JSESSIONID=wrFTnZczgEzvbKMxoQcyQVIM-eTMY4I-w2RejzUJEqioqY6KoYLI!-998866020!NONE; path=/; HttpOnly
```

```
curl -v -X POST "http://HOST:PORT/digx/v1/session/nonce" -H "Cache-Control: no-cache" -H "Cookie: JSESSIONID=COOKIE_VALUE"
```

As part of the response, you will get x-nonce that can be used in the subsequent request to invoke an API

#### 3.1.3 APIs for Business Functions

##### Get User profile (/me)

Use the jsession ID and x-nonce returned in the previous steps to invoke the API. x-nonce will look something like below

```
< x-nonce: {"nonce":["vLmp011bxwLz1+0rQSVJX/t1AAiSsVeLP1nyEUym8Gw="]}
```

```
curl -v -X GET "http://HOST:PORT/digx/v1/me" -H "Cache-Control: no-cache" -H "Cookie: JSESSIONID=COOKIE_VALUE" -H "x-nonce: NONCE"
```

##### Get Accounts

Use the jsession ID and x-nonce returned in the previous steps to invoke the API. x-nonce will look something like below

```
< x-nonce: {"nonce":["vLmp011bxwLz1+0rQSVJX/t1AAiSsVeLP1nyEUym8Gw="]}
```

```
curl -v -X GET "http://HOST: PORT/digx/v1/accounts" -H "Cache-Control: no-cache" -H "Cookie:  
JSESSIONID=COOKIE_VALUE" -H "x-nonce: NONCE"
```

### 3.1.4 Logout

Use the jsession ID and x-nonce returned in the previous steps to invoke the API. x-nonce will look something like below

```
< x-nonce: {"nonce":["vLmp011bxwLz1+0rQSVJX/t1AAiSsVeLP1nyEUym8Gw="]}
```

```
curl -v -X DELETE "http://HOST: PORT/digx/v1/session" -H "Cache-Control: no-cache" -H  
"Cookie: JSESSIONID=COOKIE_VALUE"
```