**Warehouse API Integration**

March, 03 2022

# Contents

[Contents 2](#_Toc87013253)

[1. Purpose of Integration 3](#_Toc87013254)

[2. Scope of External API 3](#_Toc87013255)

[3. Integration Approach 3](#_Toc87013256)

[I. Approach 3](#_Toc87013257)

[a. Step1: Consumer Registration 3](#_Toc87013258)

[b. Step 2: Get Client Secret Key 3](#_Toc87013259)

[c. Step 3: Generate OAuth Token 4](#_Toc87013260)

[Endpoint: [POST] /auth-token 4](#_Toc87013261)

[d. Step 4: Access external api 5](#_Toc87013262)

[Endpoint: [POST] /inquiry/external 5](#_Toc87013263)

[4. Appendix 5](#_Toc87013264)

# Purpose of Integration

# Scope of External API

# Integration Approach

### Approach

Steps are given below for the API Integration.

### Step1: Consumer Registration

Purpose: This API is for getting to know who is accessing the Clara application as an external client. Basically, this is to encourage any new vendor to register themselves to reach Clara application.

Endpoint: [POST] /register-app-client

Provide Consumer OR client name to register the consumer and this should be a unique name to identify the consumers. Obtain the Client Secret Id from the API response.

Sample Request URL:

http://27.7.57.232:8824/mnrclara/api-dev/services/register-app-client?clientName=Test2

API Response:

{

"registerId": "JZzGLJhnRQ",

"clientName": "Test2",

"clientSecretId": "pixeltrice"

}

### Step 2: Get Client Secret Key

Purpose: This API is for to get the Secret Key for the registered client ID.

Endpoint: [POST] /client-secret-key

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/client-secret-key>

Supply the generated registerId and ClientSecretId as Input.

Request JSON: [sample]

{

"registerId": "XvZhZ9SR7f",

"clientSecretId": "pixeltrice"

}

API Response:

{

"client-secret-key": "pixeltrice-secret-key"

}

### Step 3: Generate OAuth Token

Purpose: This API helps to generate the OAuth Access token using which the subsequent API requests can be processed.

### Endpoint: [POST] /auth-token

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/auth-token>

Request JSON:

{

"clientId": "pixeltrice",

"clientSecretKey": "pixeltrice-secret-key",

"grantType": "password",

"oauthPassword": "mnrclara",

"oauthUserName": "mnrclara",

"apiName": "mnr-crm-service"

}

API Response:

{

"access\_token": "eyJhbGciOiJIUzI1NiJ9.eyJleHAiOjE2MzU1MTkxNDYsInVzZXJfbmFtZSI6Im1ucmNsYXJhIiwiYXV0aG9yaXRpZXMiOlsiUk9MRV9TWVNURU1BRE1JTiJdLCJqdGkiOiJ5WjBBV3IydXhldzhjMlBOVFNSVDROZkFpcDAiLCJjbGllbnRfaWQiOiJwaXhlbHRyaWNlIiwic2NvcGUiOlsicmVhZCIsIndyaXRlIl19.OPH3kmf\_XdhWtH6JsOFZomx7zh4BHODh0IcuUiFrVDc",

"token\_type": "bearer",

"refresh\_token": "eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX25hbWUiOiJtbnJjbGFyYSIsInNjb3BlIjpbInJlYWQiLCJ3cml0ZSJdLCJhdGkiOiJ5WjBBV3IydXhldzhjMlBOVFNSVDROZkFpcDAiLCJleHAiOjE2MzU1MTkxNDYsImF1dGhvcml0aWVzIjpbIlJPTEVfU1lTVEVNQURNSU4iXSwianRpIjoid2haYktENnBIOWQtV2Rjd3JpVFpqZ2hMNFA0IiwiY2xpZW50X2lkIjoicGl4ZWx0cmljZSJ9.mzxdBDi5JO2GuLs3EgTDtUEOkqph4yIdbE0yb2agqTU",

"expires\_in": "19999",

"scope": "read write",

"jti": "yZ0AWr2uxew8c2PNTSRT4NfAip0"

}

### Step 4: Access external api

### Endpoint: [POST] [/inquiry/external](http://27.7.57.232:8824/mnrclara/api-dev/services/swagger-ui.html#/operations/CRM%20Service/postInquiryWebsiteUsingPOST)

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/>mnr-crm-service/[inquiry/external](http://27.7.57.232:8824/mnrclara/api-dev/services/swagger-ui.html#/operations/CRM%20Service/postInquiryWebsiteUsingPOST)

Request JSON:

{

"department": "",

"email": "",

"firstName": "",

"language": "",

"lastName": "",

"legelIssueDescription": "",

"message": "",

"phone": "",

"preferabalCommunicationMedium": "",

"zipCode": ""

}

# Test using Postman (request param approach instead of bearer token)

### Endpoint: [POST] [/inquiry/external](http://27.7.57.232:8824/mnrclara/api-dev/services/swagger-ui.html#/operations/CRM%20Service/postInquiryWebsiteUsingPOST)

Request URL:

<http://27.7.57.232:8824/mnrclara/api-dev/services/>mnr-crm-service/[inquiry/external](http://27.7.57.232:8824/mnrclara/api-dev/services/swagger-ui.html#/operations/CRM%20Service/postInquiryWebsiteUsingPOST)

Pass Auth

### Select Param tab

### Provide Query Params as like below

### Key: auhToken

### Value: <Generated Token>

Request JSON:

{

"department": "",

"email": "",

"firstName": "",

"language": "",

"lastName": "",

"legelIssueDescription": "",

"message": "",

"phone": "",

"preferabalCommunicationMedium": "",

"zipCode": ""

}

# Appendix

N/A