

## ---Solution for C2M Postman Rest Web services 401 unauthorized access issue---

### Solutions-1

#### ENVIRON.INI file path

D:\C2M\_HOME\C2M\C2M2800\etc

Add Rest URL to ENVIRON.INI file as following

CLOUD\_LOCATION\_F1\_BASE\_REST\_URL=https://{(host)}:{(port)}/ouaf/rest/apis/

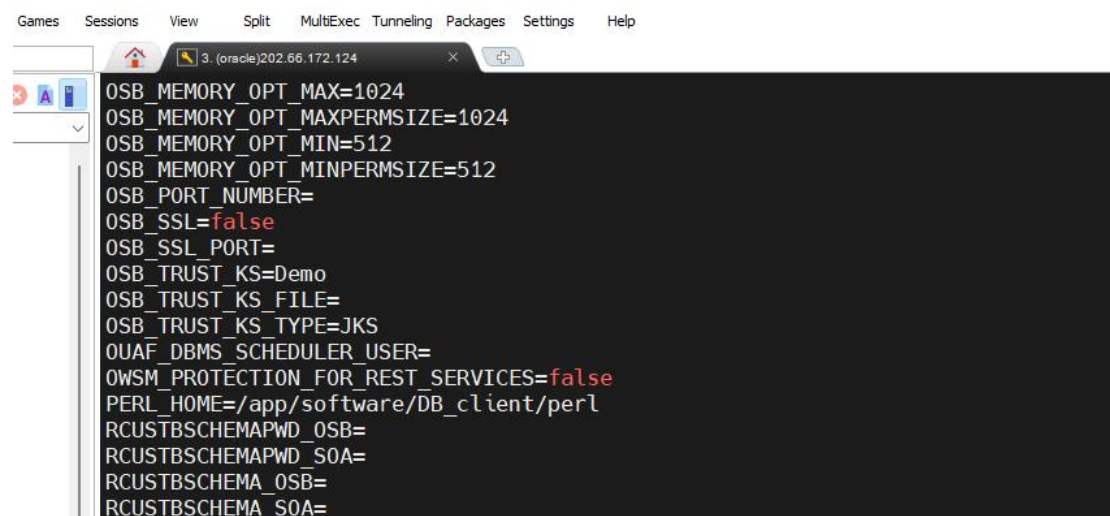
```
CLOUD_CUSTOM_WHITE_LIST_PATH=
CLOUD_LOCATION_F1_BASE_IWS_URI=
CLOUD_LOCATION_F1_BASE_REST_URL=https://202.66.172.124:6502/ouaf/rest/apis/
CLOUD_LOCATION_F1_BASE_WEB_URI=
CLOUD_LOCATION_F1_MIGR_ASSISTANT_FILES=/app/C2M/sploutput/C2M2800/F1_CMA_FILES
CLOUD_LOCATION_F1_OAUTH2_URI=
```

### Solutions-1

#### Change OWSM parameter:

By default it is True

We need to change



OWSM\_PROTECTION\_FOR\_REST\_SERVICES=false

After changing this Setting

First do initialsetup.cmd from \$SPLEBASE\bin

Then update ear file for SPLService, SPLWeb deployment in Weblogic 12c Console.

Restart C2M Managed server.

After this changes

Open C2M 2.8 Application

Inbound Web Service Query

Add

Main

Inbound Web Service Search

SEARCH BY

Inbound Web Service Information

WEB SERVICE NAME

DESCRIPTION

WEB SERVICE CLASS

WEB SERVICE CATEGORY

REST

SOAP

Search

Main

Inbound Web Service Search

SEARCH BY

Inbound Web Service Information

Expand Filters

FILTERS: WEB SERVICE CLASS REST

	WEB SERVICE NAME	DESCRIPTION	WEB SERVICE CLASS	WEB SERVICE CATEGORY
1	c1rateCalculation	<a href="#">Apply a rate to input quantities</a>	REST	
2	C1-Account	<a href="#">Account</a>	REST	Customer Experience, Integratic
3	C1-AccountFinancialHistory	<a href="#">Account Financial History</a>	REST	Customer Experience, Integratic
4	C1-APCheckRequest	<a href="#">A/P Check Request</a>	REST	Financial Transactions
5	C1-Bill	<a href="#">Bill</a>	REST	Customer Experience, Integratic

Home Menu Admin Search Menu History

## Inbound Web Service: Account

Add Search Add to Category Bookmark

Main Log

do much in the system with such an account.

Note: All REST services that are in the Integration Suite APIs Web Service Categories require the related Integration Suite add-on product option to use.

WEB SERVICE CLASS REST

RESOURCE CATEGORY V-Model

WEB SERVICE CATEGORY [Customer Experience, Integration Suite APIs](#)

API SPECIFICATION [View Specification](#)

Message Options

TRACE ☐

ACTIVE ☒

PGE C2M Production

Home Menu Admin Search Menu History Control Central Search Account

Note: All REST services that are in the Integration Suite APIs Web Service Categories require the related Integration Suite add-on product option to use.

Servers

<https://localhost:6701/ouaf/rest/apis/customer/v-model/accounts - PGE C2M Production>

Computed URL: <https://localhost:6701/ouaf/rest/apis/customer/v-model/accounts>

Server variables

port [6701](#)

[Authorize](#)

V-Model/Accounts are records of the financial relationship with an end customer for which bills are created. You must create at least one account for every customer that is billed. The account contains information that controls when the bills are created and how they are formatted. Every account must reference at least one person because the person contains the customer's demographic information (e.g., names, phone numbers, forms of ID). We refer to this individual as the "main" person linked to the account. In addition to the "main" person, an account may reference other types of persons, e.g., the billing contact, the third party guarantor of the account's debt, persons who receive copies of bills, etc. Most accounts are linked to at least one service agreement because without a service agreement, there is nothing on which a bill can be based. An account may be linked to multiple service agreements.

names, phone numbers, forms of ID). We refer to this individual as the "main" person linked to

Full Context (CM)

Click on Authorize  
Add Credentials and login

Home Menu Admin Search Menu History Control Central Search Account

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Servers

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Server variables

port [6701](#)

[Authorize](#)

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Full Context (CM)

### Available authorizations

BasicAuth (http, Basic)

USERNAME:

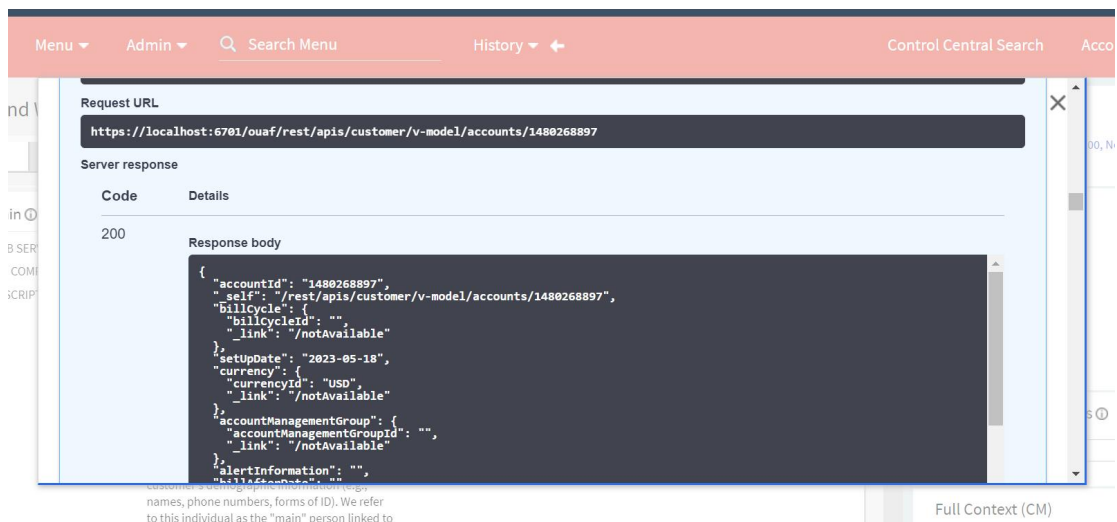
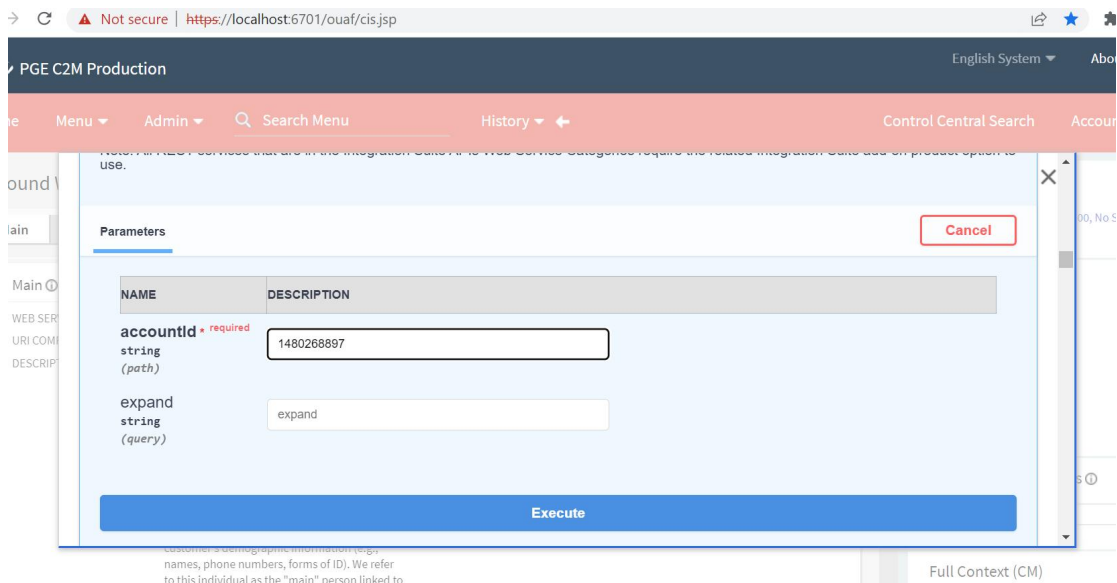
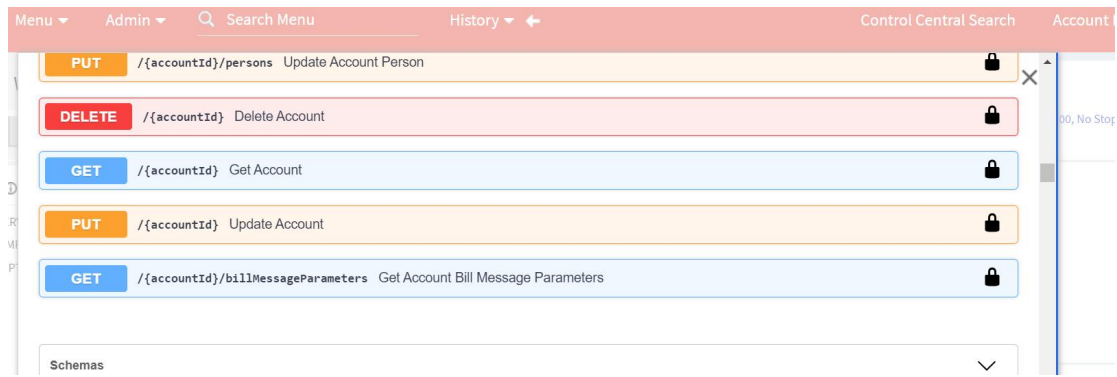
[SYSUSER](#)

PASSWORD:

[\\*\\*\\*\\*\\*](#)

[Authorize](#) [Close](#)

Select Sample GET Request



Copy Requested URL for Postman

Request URL	
https://localhost:6701/ouaf/rest/apis/customer/v-model/accounts/1480268897	
Server response	
Code	Details
200	Response body

Add BASIC Auth Details in Postman

Username-

Password-

Copy Requested URL in Postman and click on SEND

Issue solved.

Response 200 OK

The screenshot shows the Postman interface for a GET request. The URL is `https://localhost:6701/ouaf/rest/apis/customer/v-model/accounts/1480268897`. The method is GET. The Authorization is set to Basic Auth with Username `SYSUSER` and Password `sysuser00`. The response is 200 OK, 152 ms, 814 B. The response body is a JSON object:

```

1 {
  "accountId": "1480268897",
  "self": "/rest/apis/customer/v-model/accounts/1480268897",
  "billCycle": {
    "billCycleId": "",
    "link": "/notAvailable"
  },
  "setUpDate": "2023-05-18",
  "currency": {
    "currencyId": "USD",
    "link": "/notAvailable"
  },
  "accountManagementGroup": {
    "accountManagementGroupId": "",
    "link": "/notAvailable"
  },
  "alertInformation": "",
  "billAfterDate": "",
  "shouldProtectBillCycle": false,
  "division": {
    "division": "",
    "link": "/notAvailable"
  },
  "mailingPremise": {
    "mailingPremiseId": "",
    "link": "/notAvailable"
  },
  "shouldProtectMailingPremise": false,
  "collectionClass": {
    "collectionClass": "RES",
    "link": "/notAvailable"
  },
  "lastCreditReviewDate": "",
  "postponeCreditReviewUntilDate": "",
  "isInternalCreditReview": false,
  "customerClass": {
    "customerClass": "RES",
    "link": "/notAvailable"
  },
  "billPrintIntercept": {
    "billPrintIntercept": "",
    "link": "/notAvailable"
  },
  "doNotReviewDeposit": false,
  "budgetPlan": {
    "budgetPlan": "",
    "link": "/notAvailable"
  },
  "shouldProtectDivision": false,
  "accessGroup": {
    "accessGroup": "***",
    "link": "/notAvailable"
  }
}

```