

# Oracle® Retail Integration Cloud Service

## Technical Implementation Instructions for SI/ Customers



Release 24.0.101.0

F90425-01

January 2024

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Retail Integration Cloud Service Technical Implementation Instructions for SI/Customers, Release 24.0.101.0

F90425-01

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- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
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# Preface

When starting a Retail Predictive Application Server Cloud Edition (RPAS CE) implementation, there are a number of key considerations and actions the Customer/System Integrator will need to take to complete the new provisioning.

## Audience

This Technical Implementation Instructions for SI/Customers is intended for the customer's service administrator and the customer's System Integrator. The service administrator is the key person in your business that manages your Integration cloud service. Oracle will target important communications to the service administrator, such as the initial welcome e-mail that is described in this document. If the person who receives this e-mail is not the person or part of the group of people that will be taking responsibilities for the tasks in this document, please work with your Customer Success Manager (CSM) to have that the name updated.

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- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

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## Oracle Retail Documentation on the Oracle Help Center (docs.oracle.com)

Oracle Retail product documentation is available on the following web site:

<https://docs.oracle.com/en/industries/retail/index.html>

(Data Model documents can be obtained through My Oracle Support.)

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.



# 1

## RICS implementation

When starting a Retail Predictive Application Server Cloud Edition (RPAS CE) implementation, there are a number of key considerations and actions the Customer/System Integrator will need to take to complete the new provisioning.

### Pre-Provisioning

Pre-provisioning is the period after contracts are signed, but before receiving your environments, where some key activities can occur related to your upcoming implementation. For Integration Cloud Service implementations, your Customer Success Manager (CSM) will be your main point of contact for these activities.

### Provisioning

Once your environments are ready for you, the person designated as your service administrator will receive a welcome e-mail: one for each cloud service and each environment (stage, production, and so on).

Follow all instructions in the **Action Required: Access and Administer Production/Stage/Test Environment...** e-mail.

This environment access e-mail contains critical details required for you to access and administer your Cloud Service. You will receive an e-mail for each provisioned environment. Save these e-mails.

Log in to your Cloud Service. Use the Identity Management URL, username and temporary password provided in the environment access e-mail to verify access to your service. At your first login attempt, create a new password and make note of it because at this point you are the only one with access!

You will receive a separate e-mail for each provisioned environment, and the password for each environment is maintained separately. In addition, please note that you will not be able to access the Retail applications until you grant the appropriate application roles to your user.

It is recommended that you save this e-mail for future reference, because at this point the service administrator is the only person with access.

### Access OCI IAM

Once you receive your welcome e-mail, it is recommended that you, as the system administrator, log into OCI IAM to verify your access and create a new password. You will also be assigned the application administrator group for each Retail Integration service in both your production and pre-production environments. Note that the group for pre-production will have an added extension (`_PREPROD`) in order to differentiate between the two. These should not be deleted.

It is also recommended that you add additional administrators in order to have a backup administrator and share in user management administration, as at this point no one else in

your organization will have access to OCI IAM or the Retail Integration solutions. For assistance in creating users or adding them to groups, see the following documents:

- Managing Users, User Accounts, and Roles
- Adding Identity Domain Administrators

 **Note:**

You may notice that there are a number of other user IDs set up in OCI IAM for Retail Integration (for example, `bdi_admin`, `jos_admin`). These users were seeded by the Oracle Cloud Operations team for use in Merchandising batch and integration processes. These users will be managed by the Oracle Cloud Operations team.

## Validate Cloud Service Access

Next, you should validate that you are able to access and successfully log into each of the Retail Integration Cloud Services for which you have been provisioned using the URLs provided in the e-mail, along with the username and password.

## Register Customer Support Identifier

The welcome e-mail will also include your Customer Support Identifier (CSI). This should be registered with My Oracle Support (MOS), which you will use to log questions or issues about these services. Follow link in the e-mail or access [support.oracle.com](https://support.oracle.com) to create a new account. If you already have a MOS account, remember to add your new CSI to your existing MOS account.

The first person to request access to a CSI will be checked by Oracle to ensure the domain of their e-mail address matches the domain associated with the CSI. Once approved, they will be made the Customer User Administrator of that CSI, and can approve others to use it. If someone else has already been made the administrator of that CSI, then the request will be e-mailed to him or her for approval. For more information on the Customer User Administrator, see **MOS Doc ID 1544004.2**.

 **Note:**

You will not be able to register your CSI number until your production environment has been provisioned.

## Create End User Accounts

Before end users can access the Cloud Service application it is necessary to provision each user access to the system, and assign roles to each user to control what functionality will be available to them. The access provisioning is done using Oracle Identity Management (OIM). Instructions for end user account creation are documented in an Administration Guide, found in an online Documentation library at this location:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

## Post Provisioning

Once your RICS environments are ready there are addition configuration steps that are Self-Service. Many, if not most, are now Auto-Wired during the Provisioning process, the following section are a checklist of the steps for each of the RICS Product Domains that are not auto-wired.

### RIB CS Self-Service instructions for SI/Customer

The following sections list by application the RIB CS Self-Service instructions for SI/Customers.

#### Application: rib-sim

**Instructions**

Not Applicable (Auto-wired)

**Owner: Who configures in Production**

Not Applicable

#### Application: rib-rms

**Instructions**

Not Applicable (Auto-wired)

**Owner: Who configures in Production**

Not Applicable

#### Application: rib-tafr

**Instructions**

Perform the following steps to Update the Facilities.

- Go to **Manage Configurations > system options** tab
- Click **Add**.
- Insert a new **Facility ID**.

Example: key - facility\_id.PROD.12345 value - 1

 **Note:**

Update the facilities as needed using the previous steps.

**Figure 1-1 Update the Facilities**

Add new property here

facility\_id.PROD.12345

1

Save icon

**Owner: Who configures in Production**

Service Implementer /Customer

Application: rib-ext

**Instructions****Prerequisite:**

Get the Injector URL and credential details from the external apps team.

Perform the following steps to Configure External Injector Service.

- Go to **Manage Configurations >System Options** tab.
- Update the Injector Service URL with the customer provided value .  
Example: Host-rgbu-phx-lbint-379.us.oracle.com Port-80
- Update the value for ping Service URL (injector.service.endpoint.ping.url). URL should point to ping service provided by external application.  
(e.g.- https://<host:port>/rib-injector-services-web/resources/injector/ping)

**Figure 1-2 Ping Service URL**

injector.service.appType: rest-app

injector.service.endpoint.ping.url: https://rgbu-test

injector.service.endpoint.url: https://rgbu-test

- Click **Save**.

For third party integration where the injector service is hosted on OIC/on-prem, the below property in RIB\_JAVA\_OPTIONS needs to be added while patching the environment using RPT.

- Doauth2.url.path.wo.vrc=<context root of injector service>  
Important: context root of injector service is any word in injector service url which can identify service uniquely.

For example:

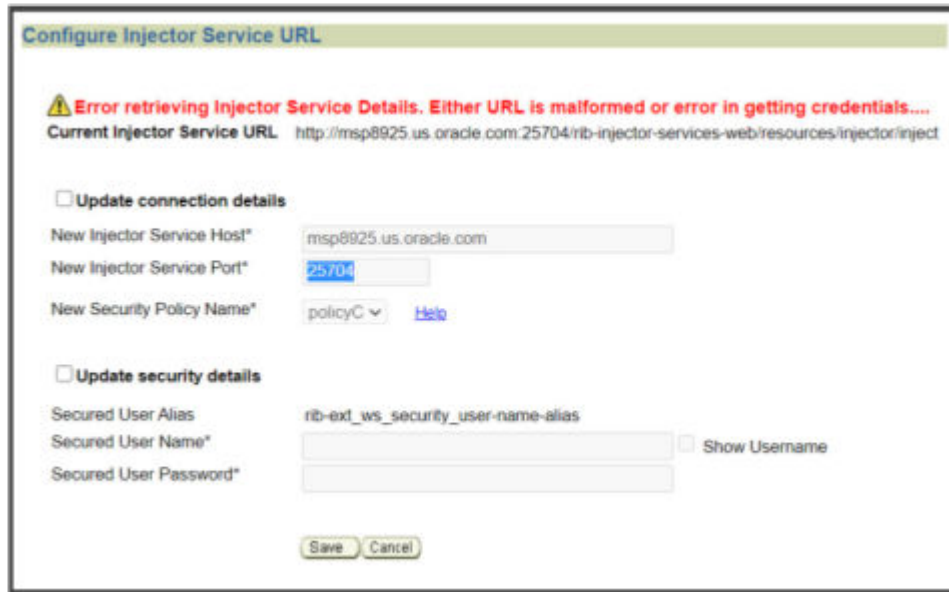
For the following injector service url https://<external-lb>/ external-injector-services/external/ribinjector/inject. The java\_option would be

oauth2.url.path.wo.vrc=ribinjector

Perform the following steps to Update Creds for CustomerOwned Alias

- Perform the following steps for Oauth2 Authentication
  - Go to **Manage Configurations > Injector Service** tab.  
Update the Secured User Name and Secured User Password. Set username and password empty for oauth2 calls.

**Figure 1-3 Configure External Injector Service Error**



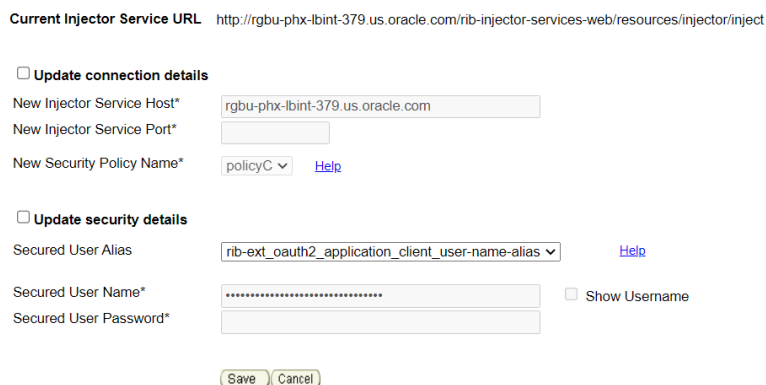
1. Select rib\_ext\_oauth2\_application\_client\_user\_name\_alias from the dropdown.
2. Update the Secured User Name with Client Id and Secured User Password with the Client Secret.

Example:

User Name - 18927c74-fed6-45e9-8198-977c5a758ac5

Password - 18927c74-fed6-45e9-8198-977c5a758ac5

**Figure 1-4 Secured User Name and Password**



3. Click **Save**.
4. Update system options
5. Go to Manage Configurations > System Options tab
6. Update IDCS host url needed for oauth2 token generation and scope of access for inject calls.

**Figure 1-5 OAuth2 Token Generation**



7. Click Save.

**Owner: Who configures in Production**

Service Implementer /Customer

Application: rib-rob

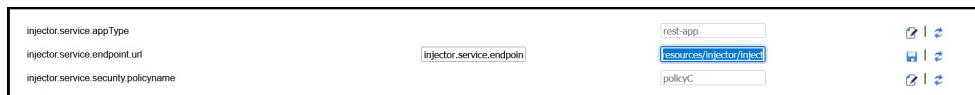
**Instructions**

**Prerequisite:**

Get the Injector URL and credential details from the order broker team.

Perform the following steps to Configure ROB Injector Service

- Go to **Manage Configurations > System Options** tab
- Update the property injector.service.endpoint.url as per the following value - `https://<host>:<port>/<OB_SUB_NAMESPACE>/rib-injector-services- web/orcos/resources/injector/inject`



• Click **Save**.

Perform the following steps to Update Creds for CustomerOwned Alias

**1. Authentication (OAuth2)**

- Go to **Manage Configurations > Injector Service** tab.
- Select `rib_rob_ws_security_user_name_alias` from the dropdown.
- Update the Secured User Name and Secured User Password
- User and Password should be set empty for OAuth2 scope.
- Click **Save**.

**Figure 1-6 URL Error**



**Figure 1-7 Configure ROB Injector Service**

**Current Injector Service URL** <https://omni.retail.us-phoenix-1.ocs.oc-test.com/rgbu-omni-eit-stg99-obcs/rib-injector-services-web/orcos/resources/injector/inject>

**Update connection details**

New Injector Service Host\*

New Injector Service Port\*

New Security Policy Name\*  [Help](#)

**Update security details**

Secured User Alias  [Help](#)

Secured User Name\*

Secured User Password\*

Show Username

**2. Oauth2 Authentication**

Go to **Manage Configurations > Injector Service** tab

- Select **rib\_rob\_oauth2\_application\_client\_user\_name\_alias** from the dropdown.
- Select **rib\_rob\_oath2\_application\_client\_user\_name\_alias** from the dropdown.

Update the Secured User Name with Client Id and Secured User Password with the Client Secret.

Example:

User Name - 18927c74-fed6-45e9-8198-977c5a758ac5

Password - 18927c74-fed6-45e9-8198-977c5a758ac5

Click **Save**.

**Figure 1-8 URL Error**

**Current Injector Service URL** <https://omni.retail.us-phoenix-1.ocs.oc-test.com/rgbu-omni-eit-stg99-obcs/rib-injector-services-web/orcos/resources/injector/inject>

**Update connection details**

New Injector Service Host\*

New Injector Service Port\*

New Security Policy Name\*  [Help](#)

**Update security details**

Secured User Alias  [Help](#)

Secured User Name\*

Secured User Password\*

Show Username

**Owner: Who configures in Production**

Service Implementer

Application: rib-igf

**Instructions**

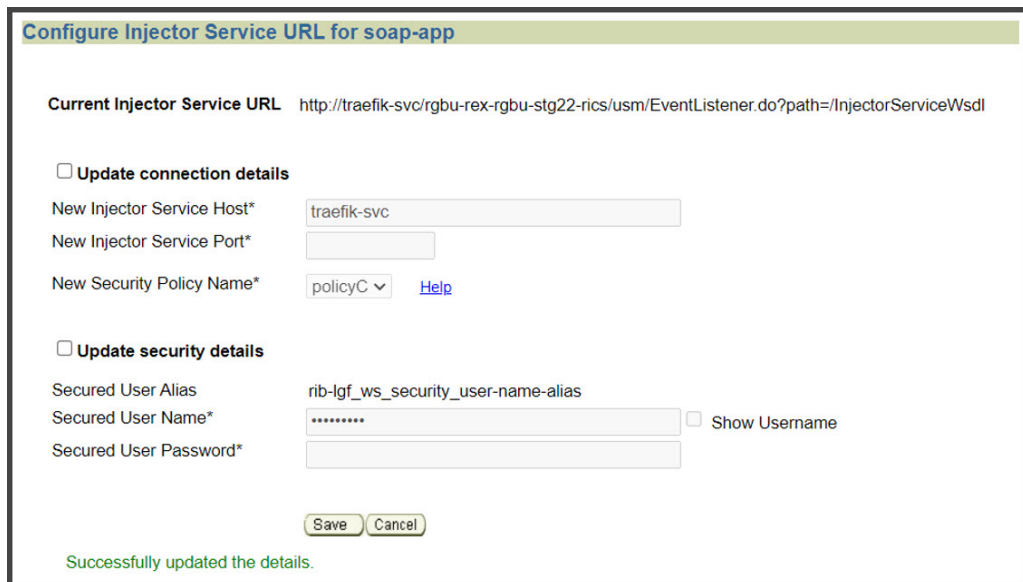
Prerequisite:

Get the credentials from the log-fire team.

Perform the following steps to Update Creds for CustomerOwned Alias

- Authentication
    - Go to **Manage Configurations > Injector Service** tab
    - Update the Secured User Name and Secured User Password
- Example:
- User Name - rgbu6\_adm
- Password - welcome1
- Click **Save**.

**Figure 1-9 Update Creds for CustomerOwned Alias**



**Configure Injector Service URL for soap-app**

**Current Injector Service URL** http://traefik-svc/rgbu-rex-rgbu-stg22-rics/usm/EventListener.do?path=/InjectorServiceWsd

Update connection details

New Injector Service Host\* traefik-svc

New Injector Service Port\*

New Security Policy Name\* policyC [Help](#)

Update security details

Secured User Alias rib-lgf\_ws\_security\_user-name-alias

Secured User Name\* .....  Show Username

Secured User Password\*

Successfully updated the details.

**Owner: Who configures in Production**

Not Applicable

Application: rib-rwms (primary)

**Instructions**

**Instructions**

Prerequisite:

Get the rib-rwms (on-premise) secondary connection details from the customer. Get the credentials for user (belonging to ribAdminGroup) on rib-rwms secondary install.

Perform the following steps to update connection details and Creds for CustomerOwned Alias



- Authentication
  - Go to Manage Configurations > Injector Service tab
  - Update host and port to point to rib-rwms secondary
  - Update the Secured User Name and Secured User Password.

Example:

User Name - ribadmin

Password - welcome1

- Click **Save**.

**Figure 1-10 Configure Injector URL for soap-app**

Configure Injector Service URL for soap-app

Current Injector Service URL `https://ribo-phx-300.srphwprshared1.gbuocdsint2.phx.oraclevcn.com:7022/PlsqlApplicationMessageInjectorServiceBean/PlsqlApplicationMessageInjectorServiceBeanService/`

Update connection details

New Injector Service Host\* `ribo-phx-300.srphwprshared1.gbuocdsint2.phx.or`

New Injector Service Port\* `7022`

New Security Policy Name\* `policyA` [Help](#)

Update security details

Secured User Alias `ribo-rwms_ws_security_user-name-alias`

Secured User Name\* `*****`  Show Username

Secured User Password\* `*****`

**Owner: Who configures in Production**

Service Implementer /Customer

Application: BDI Process-Flow

### Instructions

Perform the following steps to Configure POM callbacks and update credentials for **customerOwned Alias**, **pomCallBackServiceUr-lUserAlias**, **pomCallBackServiceUrl**, **pomCallBackServiceUrlOAuth2ApplicationClientAlias**.

Go to **PF UI > Manage Configurations > System Options** tab.

Select `pomCallBackServiceUrlUserAlias` and click **Edit**.

Enter the Username and password provided by the POM and click **Save**.

Repeat the same steps for updating **pomCallBackServiceUrl** and **pomCallBackServiceUrlOAuth2ApplicationClientAlias**.

Figure 1-11 Configure POM Callbacks

Key Name	Value	Actions
pomCallBackServiceUrl	https://host:port/external/consumeBDICallback	[Edit] [Delete]
pomCallBackServiceUrlOAuth2ApplicationClientAlias	Username: _____ Password: _____	[Edit] [Delete]
pomCallBackServiceUrlUserAlias	GET_FROM_WALLET:GET_FROM_WALLET	[Edit] [Delete]
pomCallBackServiceUrl	https://host:port/external/consumeBDICallback	[Edit] [Delete]
pomCallBackServiceUrlOAuth2ApplicationClientAlias	GET_FROM_WALLET:GET_FROM_WALLET	[Edit] [Delete]
pomCallBackServiceUrlUserAlias	jobadmin *****	[Edit] [Delete]

**Owner: Who configures in Production**

Service Implementer /Customer

This may not be needed if you use the application scope for Oauth.

## RFI CS Self-Service instructions for SI/Customer

The following sections list by application the RFI CS Self-Service instructions for SI/Customer.

### Application: RFI-web-app

**Instructions**

Perform the following steps to Update Credentials For customer Owned aliases.

- Navigate to **Manage Configurations > Service Configurations**.
- Select **CFIN** in the RFI Integrated application dropdown.
- Check the **Update Security Details** check box.
- In the Secured User Name enter: **CFIN username**.
- In the Secured User Password enter **CFIN pwd**.
- Click **Save**.

**Figure 1-12 Update Credentials For Customer Owned aliases**

Update security details

Secured User Alias      financialUtilServiceUserNameAlias

Secured User Name\*      .....       Show Username

Secured User Password\*      \_\_\_\_\_

**Owner: Who configures in Production**

Service Implementer /Customer

**Instructions**

Perform the following steps to Update the CFIN Integration URL

- Navigate to **Manage Configurations > Service Configurations**.
- Select **CFIN** in the RFI Integrated application dropdown.
- Check the **Update Connection Details** check box.
- Update the CFIN Service Host and Port.
- Click **Save**.

**Figure 1-13 Update the CFIN Integration URL****Current Service Integrations for CFIN**

**Financial Service URL**      <https://customer.new.env.oraclecorp.com/fscmService/ErpIntegrationService?WSDL>  
**GL Account Validation URL**      <https://customer.new.env.oraclecorp.com:443/fscmService/AccountCombinationService?WSDL>

 Update connection details

New CFIN Service Host\*        
 New CFIN Service Port\*     

**Owner: Who configures in Production**

Service Implementer /Customer

## USM CS Self-Service instructions for SI/Customer

The following sections list by application the USM CS Self-Service instructions for SI/Customer.

## Application: USM-LGF

### Instructions

Log in to USM UI as an admin and perform the following steps to Configure Initial Project.

- Go to **Admin > Manage Access** tab.
- Select Project: **LogFireIntegration**
- Username Alias: **usmAdminUiUserAlias**
- UserName: **rics.admin**(Give the admin username)
- Click **Save**.

**Figure 1-14** Configure Initial Project

The screenshot displays the 'Manage Access' configuration interface. At the top, there is a 'Select Project:' dropdown menu with a red error message: 'User doesn't have access to any project. Contact your System Admin to get Access to a Project'. Below this, a navigation bar includes tabs for 'Home', 'Mapping Designer', 'Test Drivers', 'Monitoring', 'Admin', 'Import/Export', 'Configurations', and 'System Logs'. The 'Admin' tab is active, and the 'Manage Access' sub-tab is selected. The main form area has a 'Manage Access' header and radio buttons for 'Create' (selected) and 'Manage'. The form contains three rows of input fields: 'Select Project\*' with a dropdown menu showing 'LogFireIntegration'; 'Username Alias\*' with a dropdown menu showing 'usmAdminUiUserAlias'; and 'Username\*' with a text input field containing 'rics.admin'. A 'Save' button is located at the bottom right of the form.

### Owner: Who configures in Production

Service Implementer /Customer

### Instructions

Perform the following steps for External JSON updates.

- Go to **Configurations > Edit Usm Configuration**.
- Select **external\_env\_info.LogFireIntegration** from the dropdown and click **Edit**.
- Enter the following:  
name: LogFire\_Host\_Url\_Key  
value: The logFire Host URL  
Example: [https://intqa.wms.ocs.oraclecloud.com:443/lgf\\_int\\_qa](https://intqa.wms.ocs.oraclecloud.com:443/lgf_int_qa)

 **Note:**

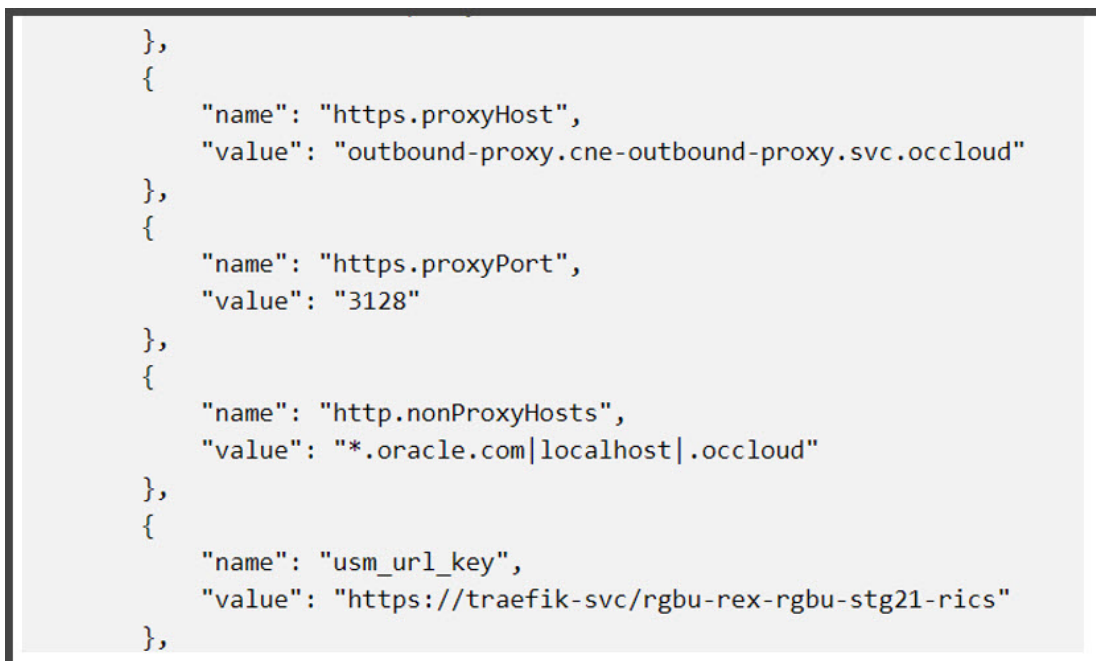
The URL may change as per the customer's LGF instance.

- Click **Save**.

**Figure 1-15** Select external\_env\_info.LogFireIntegration



**Figure 1-16** Edit USM Configuration



#### Owner: Who configures in Production

Service Implementer /Customer

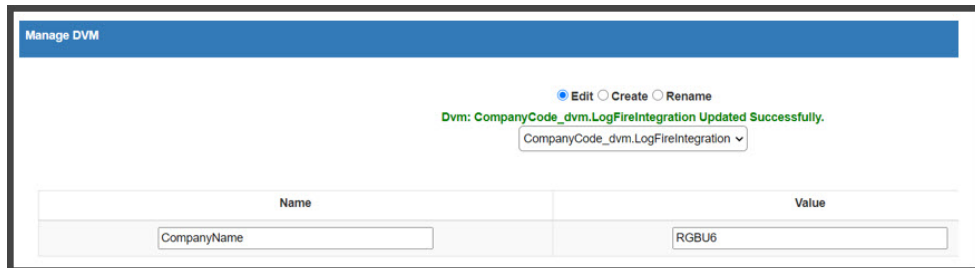
#### Instructions

Perform the following steps to Update DVM.

- Go to **Configurations > Manage DVM** tab.

- Select **CompanyCode\_dvm.LogFireIntegration** from the dropdown.
- Click **Edit** on the row that you want to edit.
- Update the value of **CompanyName** that is set in LogFire application  
Example - CompanyName value - RGPU6

**Figure 1-17 Update CompanyCode\_dvm.LogFireIntegration**



- Click **Save**.
- Select **FacilityCode\_dvm.LogFireIntegration** from the dropdown.
- Click **+** to add a new row with the details of **FacilityId**, **FacilityType**, and **FacilityTimeZone** as configured in LogFire application

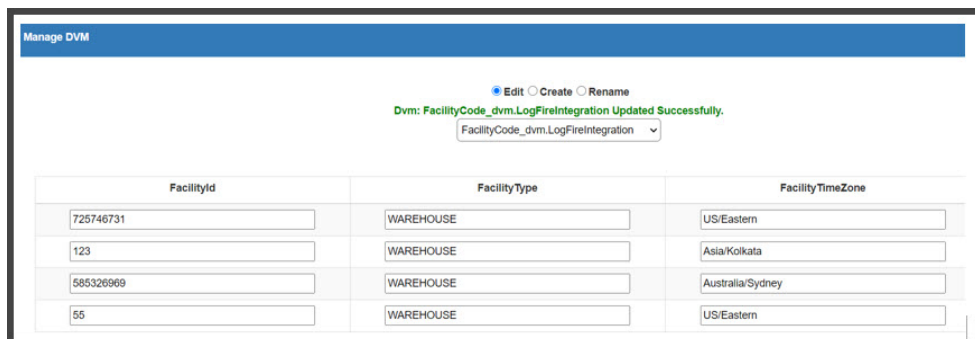
Example:

FacilityId - 55

FacilityType - WAREHOUSE

FacilityTimeZone - US/Eastern

**Figure 1-18 UpdateFacilityCode\_dvm.LogFireIntegration**



**Owner: Who configures in Production**

Service Implementer /Customer

The following sections list by application the RICS Tools CS Self-Service instructions for SI/Customer.

## Application: DDS

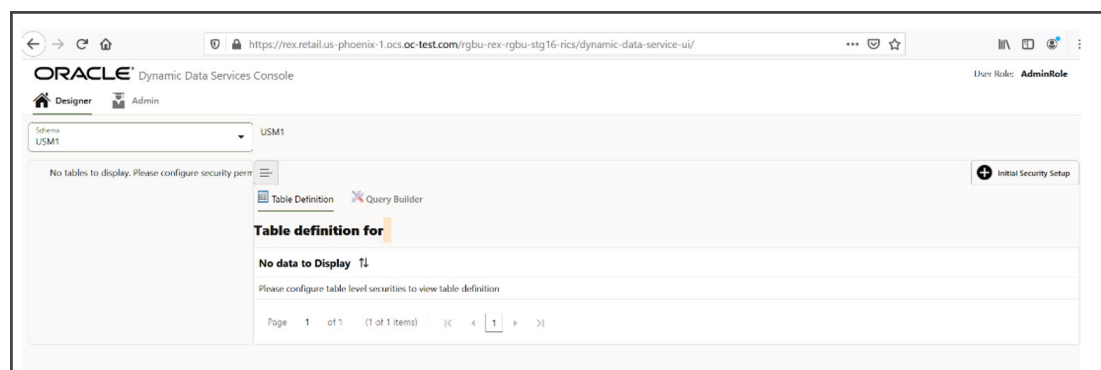
### Instructions

Perform the following steps to Configure Initial Security Setup.

Log in to DDS UI as an Admin and then go to the Designer tab.

Select the schema from dropdown.

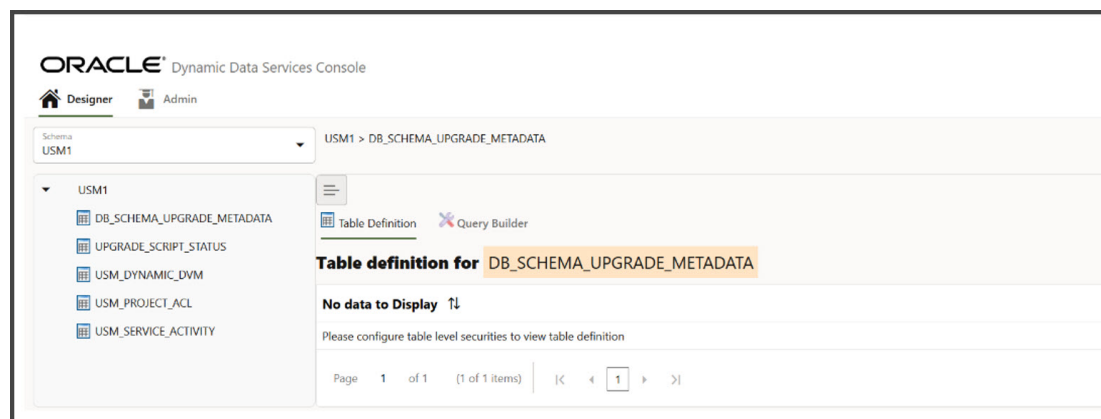
**Figure 1-19** Configure Initial Security Setup



Click **Initial Security Setup**.

All tables for the schema selected should be displayed.

**Figure 1-20** Selected Schema Tables



## Poison Message Processing steps for SI/Customer

In CFS, poison messages are archived and uploaded to object store periodically. The SI/Customer needs to download the archive, correct the RIBMessage and upload it back to object storage using the RetailAppsPlatformServices UI. RIB downloads the customer uploaded messages and processes it.

Below are steps:

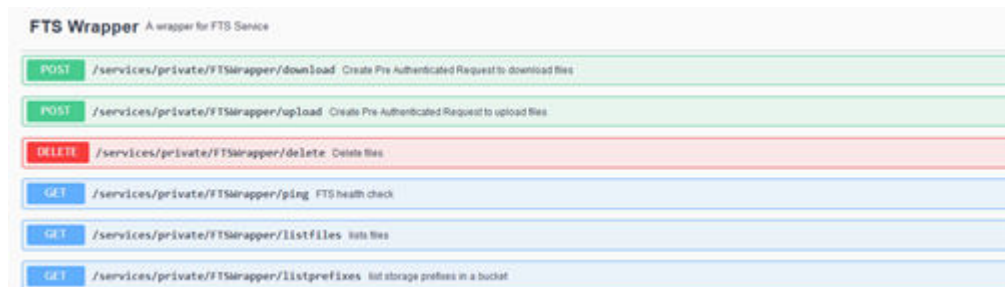
1. Login to RetailAppsPlatformService using IdcsUser credentials.  
[https:// rex.retail.us-<region>.ocs.oraclecloud.com /<subnamespace>/RetailAppsPlatformServices/swagger-ui/##](https://rex.retail.us-<region>.ocs.oraclecloud.com /<subnamespace>/RetailAppsPlatformServices/swagger-ui/##)

**Figure 1-21 Retail Platform Services**



2. Search for FTS Wrapper Services.

**Figure 1-22 FTS Wrapper Page**

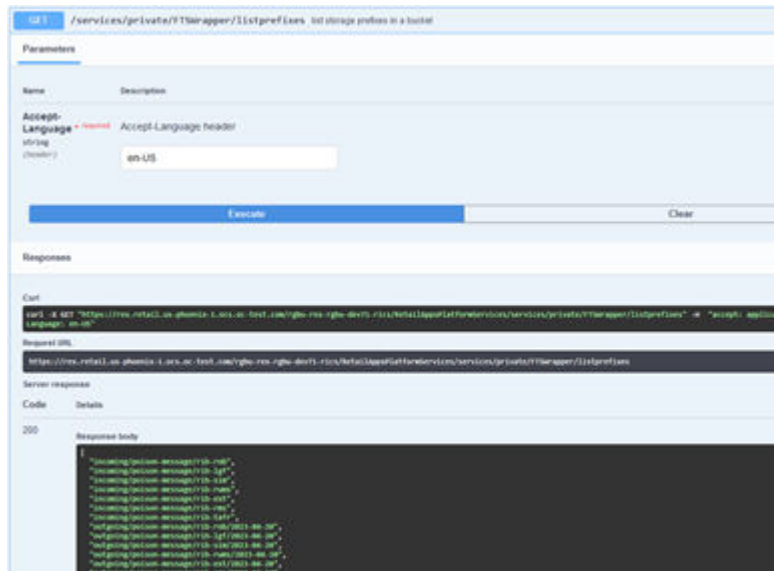


3. List prefixes and pick the needed prefix.

Example: If you want to download the poison message for a specific rib-ext on 2023-04-20 choose the prefix: **"outgoing/poison-message/rib-ext/2023-04-20"** or under **"outgoing/poison-message/rib-ext"**



**Figure 1-23 List of Prefixes**



- List the files to know file name to be downloaded from object store.

**Input:** outgoing/poison-message/rib-ext/2023-04-20(The prefix picked in step 3) and outgoing/poison-message/rib-ext

**Output:** PoisonMsg\_rib-ext\_2023-04-19T05:16:38.zip

**Figure 1-24 Parameters**

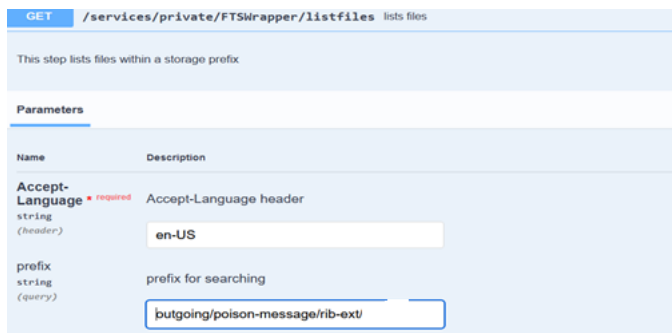
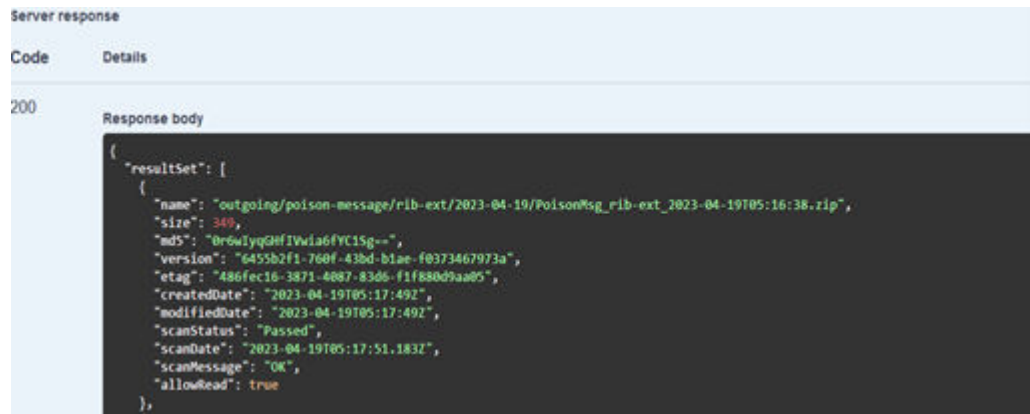


Figure 1-25 Server Response



5. Create Pre-Authenticated Request to download files.  
Choose the accessUri from json response. And this is valid for 5 mins only.

Figure 1-26 Create Pre-Authenticated Request

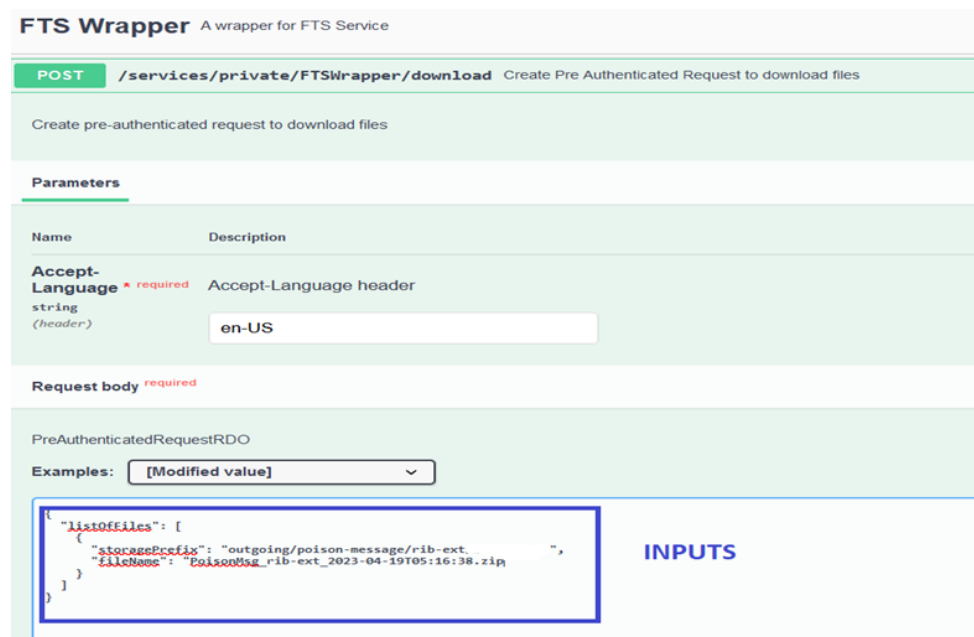
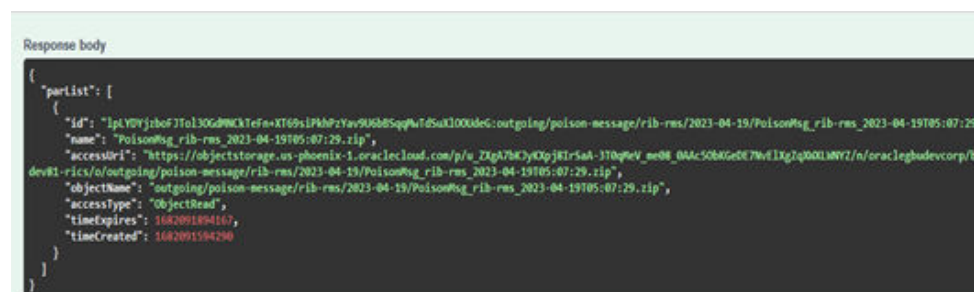
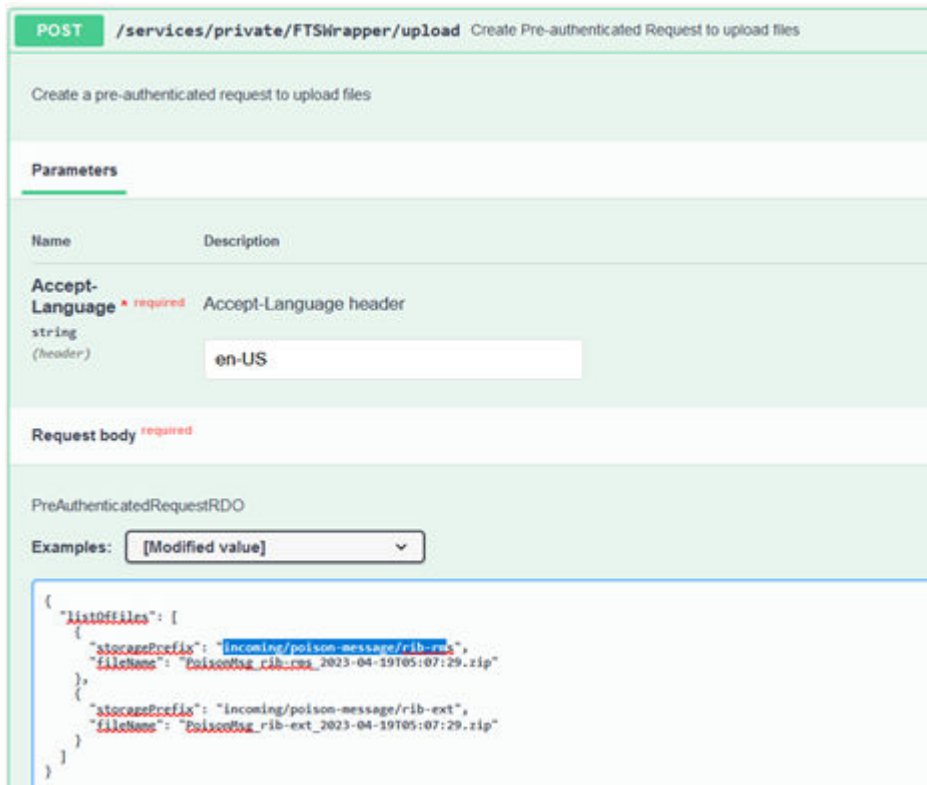


Figure 1-27 Server Response

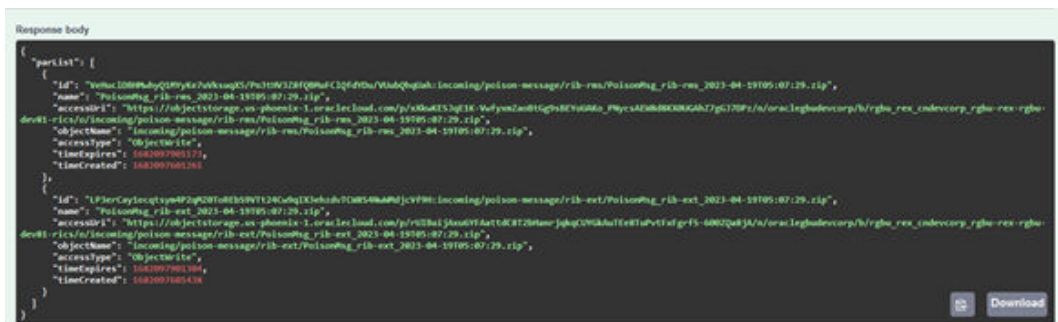


6. Download the file.  
Use the accessUri from the previous step to download the zip file.  
curl <accessUri> -o <fileName>.zip
7. Extract the archive file. Do not change the file name but change extension of all files to .xml. Correct the RibMessage in each xml file. Archive the all the .xml files. This file needs to be uploaded back to object store.
8. Generate the Pre-Authenticated Request to upload files to object store.  
storagePrefix pattern: incoming/poison-message/rib-<app>

**Figure 1-28 Generate the Pre-Authenticated Request**



**Figure 1-29 Server Response**



9. Upload the files using accessUri from above response.  
curl <accessUri> --upload-file <unique\_filename>.zip
10. RIB periodically downloads the file from incoming/poison-message storagePrefix and extracts it to needed location in RIBDomain.
11. Subscribing retry adapter processes the RibMessage present in the extracted file.

**Owner: Who configures in Production**

Service Implementer /Customer

## Support

### Leverage Oracle Support

Attend a session on Working Effectively with Support (WEWS) to learn about support policies and best practices when working with Oracle Support. Oracle Support representatives are ready 24/7 to answer questions and address issues about your service. Access the Oracle Support Contacts Global Directory to find the Oracle Support Hotline for your country, and explore the page on Working Effectively with Oracle Support - Best Practices found on My Oracle Support under **Doc ID 166650.1**.

### Get Connected

Register for RGBU support communities:

- Use My Oracle Support Community (**Doc ID 2299812.1**) to post technical questions and get resolution on technical issues.
- See "Getting Started" to learn how to use the Support Community.
- Use The RACK to view informative resources and participate in discussions around Retail Solutions.

## Frequently Asked Questions

### OCI IAM Activation

Since the Retail Integration cloud services are installed using the activated OCI IAM details, it is important to ensure any activation concerns are resolved during the pre-provisioning/provisioning period, as making changes after your Retail Integration cloud services are provisioned may require extended downtime.

**What should I do if I cannot activate OCI IAM into an existing Oracle Cloud Account?**

Inform your CSM or sales representative if you run into issues, providing the following information:

- Existing Oracle Cloud Account name
- Subscription ID of a service in the account

- Administrator e-mail for the account

**What do I do if I experience errors or failures while attempting to activate OCI IAM?**

The administrator e-mail address must match the e-mail which received the activation notification. If this does match and you are still running into issues, inform your CSM or sales representative, providing the following information:

- Intended activation approach (new Oracle Cloud Account or activate within an existing)
- Any error or failure messages received - include screen shots if possible

**Can I use another identity management solution?**

Only OCI IAM is supported in Retail Integration Cloud Service implementations, however OCI IAM could also be integrated with external identity management providers, like Active Directory, using its APIs.

**I have multiple pre-prod environments and want to have different security configurations for the same users/roles in each, can I do that?**

The recommended approach is to create roles in OCI IAM (and ORAAC) that reflect the configuration needs for each environment. Or you could consider creating two user IDs for the same person to reflect the different role configurations that they need to test.

**Why do I see other users in my OCI IAM instance (for example, batchuser)?**

The Oracle Cloud Operations team will also seed a set of integration users required by the solutions as part of the provisioning process. These are users used for integration or internally for batch and other processing and should not be deleted.

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