

Oracle® Retail Integration Cloud Service
Technical Implementation Instructions for SI/Customers
Release 23.1.201.0
F80862-02

May 2023

Oracle® Retail Integration Cloud Service Technical Implementation Instructions for SI/Customers, Release 23.1.201.0

F80862-02

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Oracle® Retail Integration Cloud Service Technical Implementation Instructions for SI/Customers, Release 23.1.201.0.

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- Did you understand the context of the procedures?
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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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This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Help Center (docs.oracle.com) at the following URL:

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

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

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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
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Convention	Meaning
<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.

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 one 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 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

The screenshot shows a configuration interface with a header 'Add new property here'. Below it are two input fields: a text field containing 'facility_id.PROD.12345' and a numeric field containing '1'. To the right of the numeric field is a blue 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.

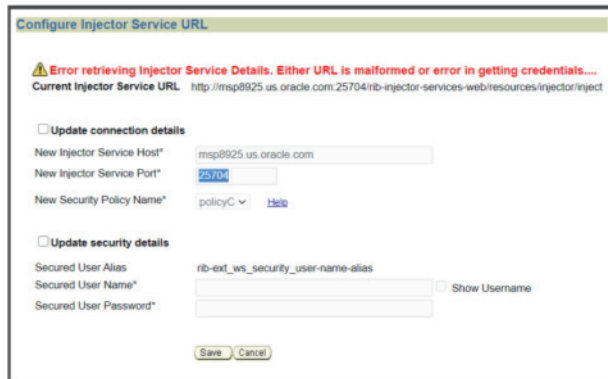
Perform the following steps to Configure External Injector Service.

- Go to **Manage Configurations >Injector Service** tab.
- Update the Injector Service Host and Injector Service Port values.
Example: Host-`rgbu-phx-lbint-379.us.oracle.com` Port-80
- Click **Save**.

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 1–2 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 1–3 Secured User Name and Password

Current Injector Service URL <http://rgbu-phx-ibint-379.us.oracle.com/rib-injector-services-web/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* Show Username

Secured User 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 1–4 Oauth2 Token Generation

```

oauth2.default.authorizationServerUrl https://idcs-24e4baae56764
oauth2.default.scopeOfAccess.* um.opc.idm:myscopes_
    
```

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`

Example:

`https://144.25.15.222/rgbu-omni-rgbu-eit2-obcs/rib-injector-services-web/orcos/resources/injector/inject`

injector.service.appType	<input type="text" value="rest-app"/>		
injector.service.endpoint.url	<input type="text" value="resources/injector/inject"/>		
injector.service.security.policyname	<input type="text" value="policyC"/>		

- 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 1–5 URL Error



Figure 1–6 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* Show Username

Secured User Password*

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_oauth2_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 1-7 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* Show Username

Secured User Password*

Owner: Who configures in Production

Service Implementer

Application: rib-lgf**Instructions**

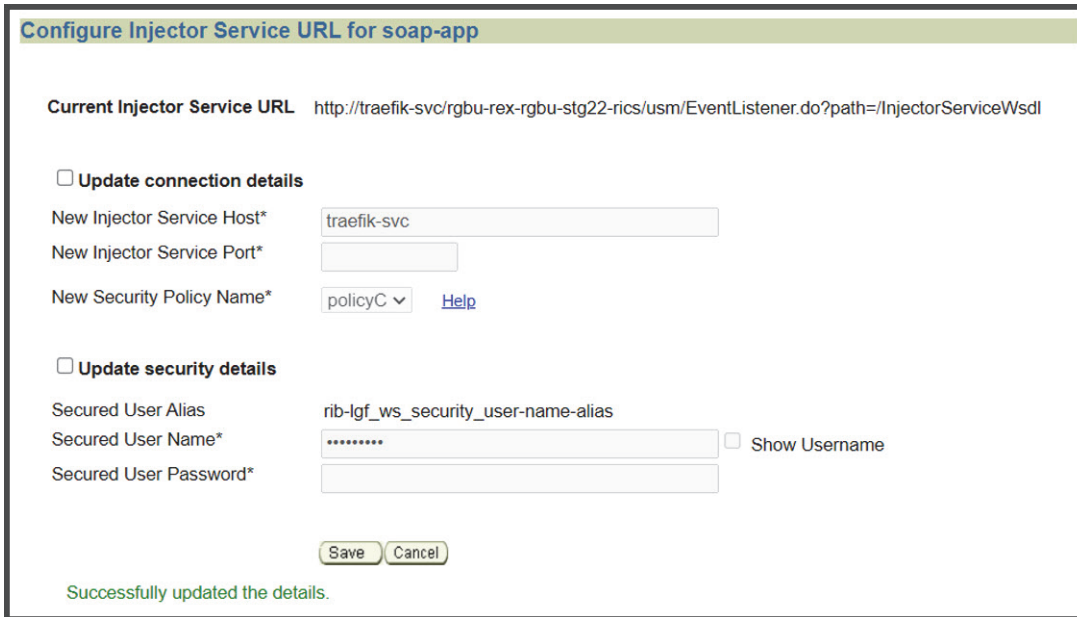
Prerequisite:

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 1–8 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=/InjectorServiceWsdI

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-igf_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 1–9 Configure Injector URL for soap-app

Configure Injector Service URL for soap-app

Current Injector Service URL <https://rpbu-phx-300.srptprshared1.gbuodsint02phx.oraclevon.com:7022/PlsqjApplicationMessageInjectorServiceBean?PlsqjApplicationMessageInjectorServiceBeanService?>

Update connection details

New Injector Service Host*

New Injector Service Port*

New Security Policy Name* [Help](#)

Update security details

Secured User 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-IUserAlias**, **pomCallBackServiceUrl**, **pomCallBackServiceUrlOAuth2ApplicationClientAlias**.

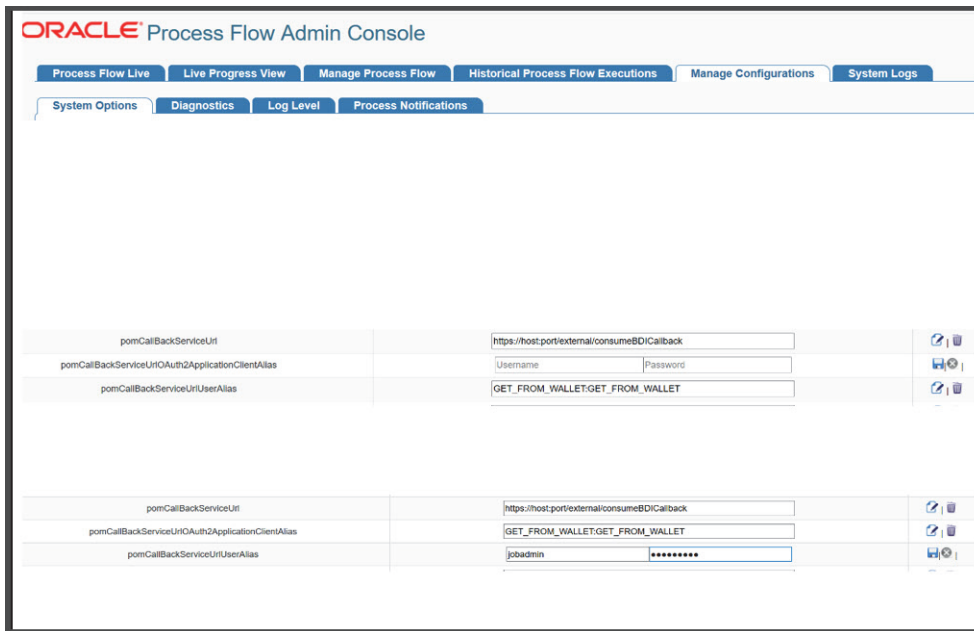
Go to **PF UI > Manage Configurations > System Options** tab.

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 1–10 Configure POM Callbacks



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 1–11 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 1–12 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.

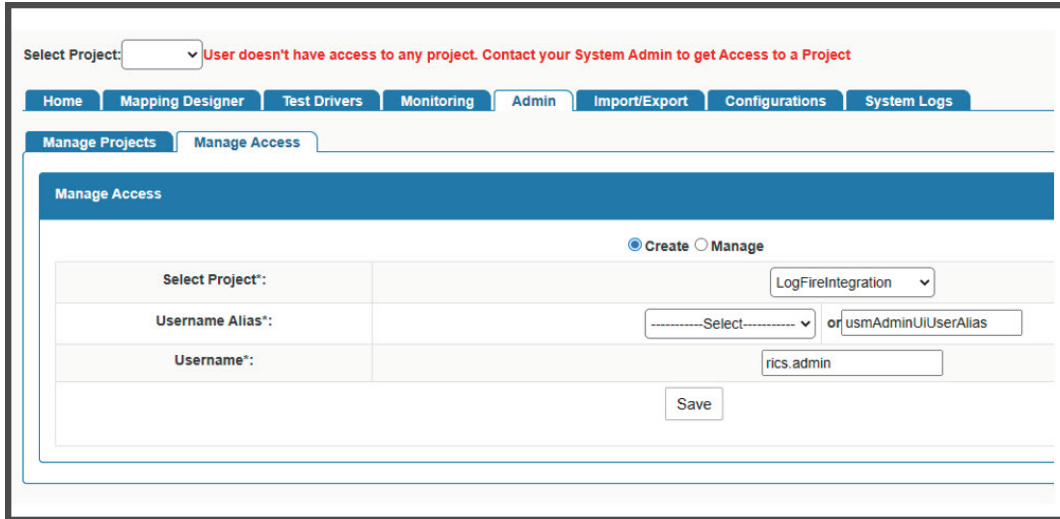
Application: USM-LGF**Instructions**

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 1–13 Configure Initial Project



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

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

- Click **Save**.

Figure 1–14 Select external_env_info.LogFireIntegration

```

Select File: external_env_info.LogFireIntegration
{
  "name": "LogFire_Host_Url_Key",
  "value": "https://intqa.wms.ocs.oraclecloud.com:443/lgf_int_qa"
},
{
  "name": "RibLgf_Host_Url_Key",
  "value": "http://rib-1gf-svc.rgbu-rex-rgbu-stg16-rics.svc.occloud/rgbu-rex-rgbu-stg16-rics/rib-1gf-services-web/resources/publisher/publish",
  "value_NOT_USED": "http://144.25.12.67/rgbu-rex-rgbu-stg16-rics/rib-1gf-services-web/resources/publisher/publish"
},
}

```

Figure 1–15 Edit USM Configuration

```

},
{
  "name": "https.proxyHost",
  "value": "outbound-proxy.cne-outbound-proxy.svc.occloud"
},
{
  "name": "https.proxyPort",
  "value": "3128"
},
{
  "name": "http.nonProxyHosts",
  "value": "*.oracle.com|localhost|.occloud"
},
{
  "name": "usm_url_key",
  "value": "https://traefik-svc/rgbu-rex-rgbu-stg21-rics"
},
}

```

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 - RGBU6

Figure 1–16 Update CompanyCode_dvm.LogFireIntegration

Name	Value
CompanyName	RGBU6

- 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

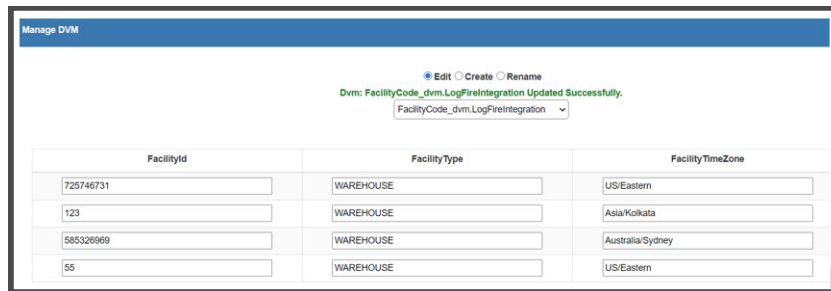
Example:

FacilityId - 55

FacilityType - **WAREHOUSE**

FacilityTimeZone - **US/Eastern**

Figure 1–17 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

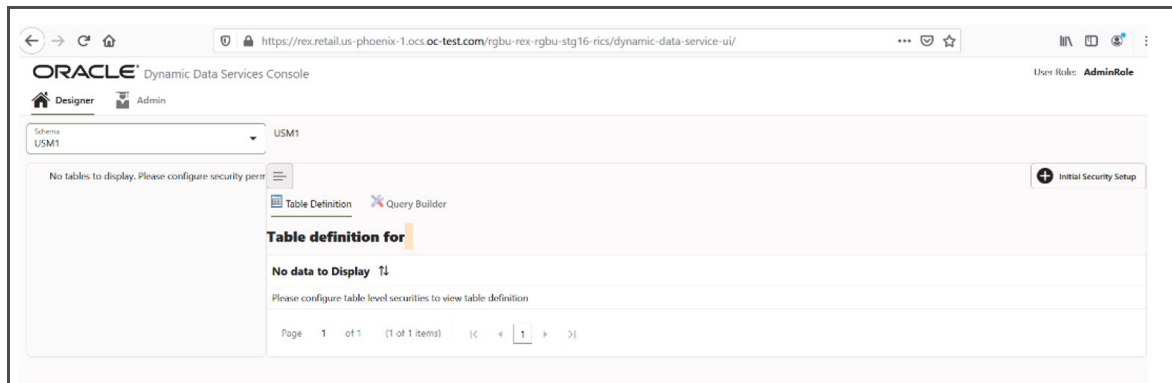
Instructions

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.

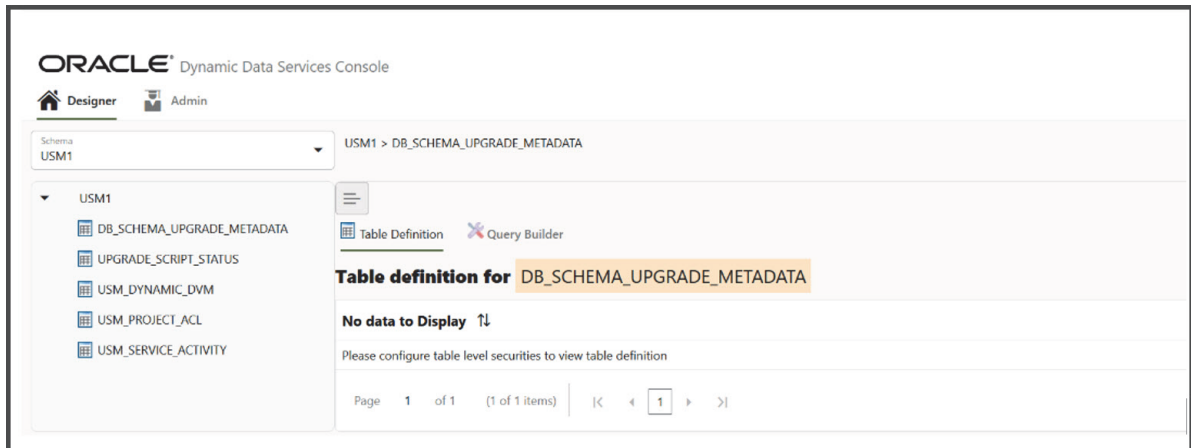
Figure 1–18 Configure Initial Security Setup



Click **Initial Security Setup**.

All tables for the schema selected should be displayed.

Figure 1–19 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/#/`

Figure 1–20 Retail Platform Services



2. Search for FTS Wrapper Services.

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 RGPU 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.