Oracle® Retail Identity Management for OCI IAM
Startup Guide

ORACLE®

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Preface

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- Product version and program/module name
- 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

Oracle Help Center (docs.oracle.com)

Oracle Retail Product documentation is available on the following website https://docs.oracle.com/en/industries/retail/html

Comments and Suggestions

Please give us feedback about Oracle Retail Help and Guides. You can send an e-mail to: retail-doc_us@oracle.com

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Introduction

When starting an Oracle Retail Cloud Services implementation, there are several key considerations and actions you will need to take. This document outlines the most important actions where OCI IAM is the primary tool used for identity management and provides a general timeline for when many of these actions should be completed to ensure success for your implementation.

Your Customer Success Manager (CSM) will be your main point of contact and guidance for these, and other activities required for a successful onboarding experience.

The onboarding actions are divided up into the following phases:

Phase	Description
Pre-Provisioning	The period after contracts are signed, but before receiving your environments and your OCI IAM Identity Domain. Some key activities occur related to your upcoming implementation including Activation.
Provisioning	Once your environments are ready for you, the person designated as your Identity Domain Administrator will receive a welcome e-mail: one for each cloud service and each environment (stage, production, and so on).
Post Provisioning	In the first few days after your initial provisioning, each Oracle Retail Cloud Service has recommended specific tasks, as they are applicable for your implementation
Deployment	The deployment phase is when you'll be designing, configuring, and building the integration, conversions, training, reports, and any extensions needed to run the cloud services for your business.
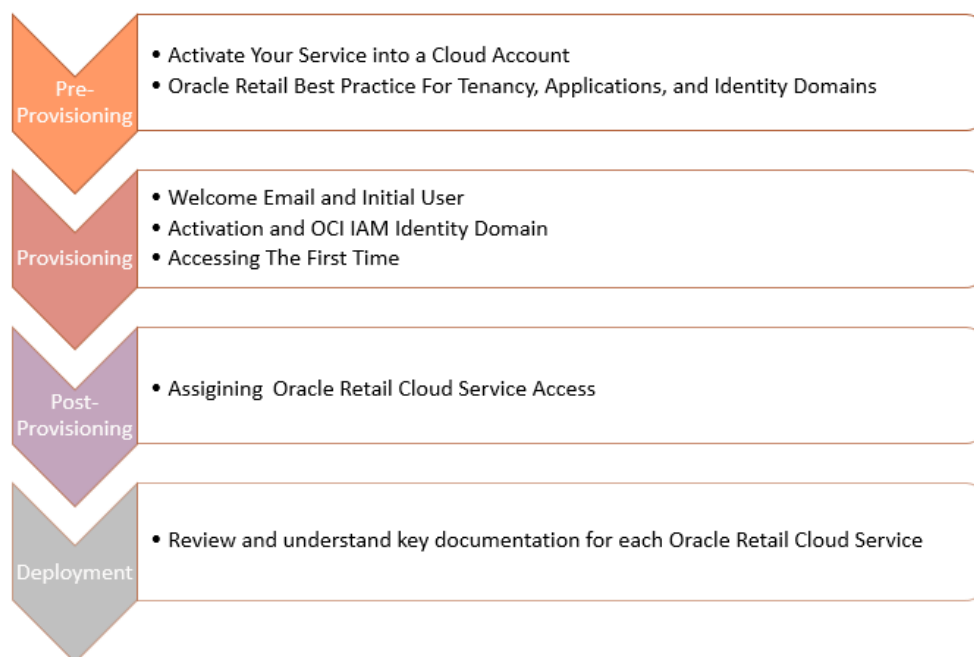
In each of these phases, **OCI IAM is the tool through which all application user maintenance is performed.** It is also where users can be assigned to groups, which are equivalent to roles (or job roles) in each application.

Identity and Access Management (IAM) uses identity domains to provide identity and access management features such as authentication, single sign-on (SSO), and identity lifecycle management for Oracle Cloud as well as for Oracle and non-Oracle applications, whether SaaS, Cloud-hosted, or on-premises.

See the following is the documentation link: https://docs.oracle.com/en-us/iaas/Content/Identity/home.htm

Audience

This document is intended to provide a single location for information related to how each Oracle Retail Cloud Service addresses its **initial user administration** using Oracle's OCI IAM for identity management. Once the application and initial admin users are set up, administrators can access and create additional admin and application users, and those details on specific roles/permissions by cloud service are documented in the generally available documentation sets for each application on the Oracle Help Center or on My Oracle Support.

The Identity Domain Administrator is the key person in your business that manages your Oracle Retail Cloud Services. Oracle will target important communications to the service administrator, such as the initial welcome e-mail that is described briefly in this document.

For startup, the Identity Domain Administrator is primarily concerned with the first two phases: Pre-Provisioning and Provisioning.

If the person who receives this e-mail is not the person or part of the group of people that will be taking responsibility for the tasks in this document, please work with your Customer Success Manager (CSM) to have the name updated.

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Pre-Provisioning Phase

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. Your Customer Success Manager (CSM) will be your main point of contact and guidance for these activities.

Activate Your Service into a Cloud Account

You will receive an activation e-mail from Oracle in the initial stages of provisioning, often immediately after your subscription order is booked. You will need to activate your cloud service into a cloud account to begin the provisioning activities for your Oracle Retail Service(s). Promptly complete the activation steps to better enable on-time environment delivery.

> **Note:**
>
> See the Activation section in this document.

> **Note:**
>
> See the Welcome Email section in this document.

Activation of your cloud service into a cloud account is required to be completed prior to beginning Retail application installation provisioning activities. Activation into a cloud account does **not** impact billing or the subscription service period. Those details are connected to the subsequent environment delivery of the Retail cloud service.

On activation of your cloud account, you have access to Oracle Cloud Infrastructure Console. The Identity and Access Management (OCI IAM) UI is integrated into the OCI Console, and your default Identity Domain will be created. An identity domain is a container for managing users and roles, federating and provisioning of users, securing application integration through Oracle Single Sign-On (SSO) configuration, and OAuth administration. It represents a user population in Oracle Cloud Infrastructure and its associated configurations and security settings such as Multifactor Authentication (MFA).

To enhance security, the seeding of the "Security Policy for OCI Console" sign-on policy is nowin all tenancies. As soon as an identity domain or an Identity Cloud Service stripe has been seeded with the policy, it should activate it to enable multifactor authentication (MFA) for users with administrative privileges.

> **Note:**
>
> See IAM Multifactor authentication (MFA).

Your default identity domain is of the Oracle Apps type. Each identity domain type is associated with a different set of features and object limits.

> **Note:**
>
> See Identity Domain Types.

With CSM assistance, identify the individual who is the initial OCI IAM client Identity Domain Administrator; Oracle Retail Cloud Operations creates for them the OCI IAM Identity Domain Administrator profile.

The client Identity Domain Administrator can then configure the OCI IAM tenant's branding, emailing rules, and user groups as required.

> **Note:**
>
> See Understand Administrator Roles.

Oracle Retail Best Practice for Tenancy, Applications, and Identity Domains

Oracle Retail recommends that all retail applications use the same OCI IAM Domain. All retail application environments must reside within the same OCI IAM domain for Single Sign-On (SSO) to function across production and non-production environments.

If the customer requires separating the identity management for production and non-production environments, the tenancies, domains, and application environments must be organized such that all production (prod) applications are in the same identity domain and all non-production (stage, dev, and so on) applications are in the same identity domain.

For Oracle Retail enterprise integration, the server-to-server security credentials required to flow among the Oracle Retail Applications (for example, Merchandise Foundation Cloud Service to Planning), the applications must reside in the same tenancy.

> **Note:**
>
> As mentioned above, the activation of your cloud service into a cloud account does **not** impact billing or the subscription service period. Those details are connected to the subsequent environment delivery of the Oracle Retail Cloud Services.

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Provisioning Phase

Welcome Email and Initial User

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

This e-mail has several key pieces of information:

- Username
  - This user is referred to as the Service Administrator user in this document. A temporary password will be sent in a separate e-mail.
- Link to the OCI IAM Domains UI.
- Links to your cloud services through the Oracle Retail Home link.
- Customer Support (CSI) Number.

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.

Activation and OCI IAM Identity Domain

On activation of your cloud account, you will have access to Oracle Cloud Infrastructure Console and the Identity and Access Management (OCI IAM), and your default Identity Domain will be created.

An identity domain is a container for managing users and roles, federating and provisioning of users, secure application integration through Oracle Single Sign-On (SSO) configuration, and OAuth administration. It represents a user population in Oracle Cloud Infrastructure and its associated configurations and security settings (such as MFA). Your default identity domain will be of the Oracle Apps type. Each identity domain type is associated with a different set of features and object limits

> **✎ Note:**
>
> 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.

Upon provisioning a new cloud service instance, Oracle Retail creates a single delegate customer Identity Domain Administrator. The Identity Domain Administrator user can define password complexity and rotation rules. All Application User maintenance is performed by Customer Administrators via OCI IAM. A key feature of OCI IAM is that basic user maintenance can be further delegated via identity self-service. When application users are

created in OCI IAM, they must be associated with an appropriate Oracle Retail Enterprise group to access Oracle Retail Cloud Services.

> **Note:**
>
> The OCI IAM Application URL and login with the required administrator access are needed to work with OCI IAM. The welcome email sent by Oracle includes the URL.

The Customer Success Portal (CSM Portal) contains additional details regarding the onboarding process and support for Oracle Retail Cloud Service customers including a video library.

> **Note:**
>
> An account and user/password is required for access to the CSM Portal, and some sections of the video library. Customers can request access by connecting with their Oracle Retail CSM or through this email link: retail-cloud-csm-contact_ww@oracle.com.

https://securesites.oracle.com/retail-cloud-customer-success/

https://videohub.oracle.com/channel/channelid/237850182

Accessing the First Time

Next, you should validate that you can successfully log into each of the cloud services for which you have been provisioned using the URLs provided in the Retail Home Application Navigator.

> **Note:**
>
> Before accessing a cloud service, it is possible it will be necessary to do some group/app role management on Identity Domain Administrator

Oracle Retail Cloud Service

Use Oracle Retail Cloud Service to access centralized information about all your cloud services.

Application URL: https://home.retail.eu-frankfurt-1.ocs.oraclecloud.com/

When prompted, enter your username (email address) and password, which will be the password set when activating your Oracle Cloud Account.

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If you have issues with your password, click the "Need help" option to reset your password.

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Post-Provisioning

After your initial provisioning, each of the Oracle Retail Cloud Services has required startup tasks, business process guidance, and recommended configurations.

Assigning Oracle Retail Cloud Service Access

The Identity Domain Administrator must provision access to the system for each user and to assign roles to each user to control what functionality will be available to the user. The access provisioning is done using OCI IAM for the majority of services. The User and the name of the role will depend on the Application Specific requirements.

> **Note:**
>
> See the application-specific section of this document: Applications in Scope Oracle Retail Cloud Services comes with a set of seeded pre-defined roles; each role can be managed as a "Group" in OCI IAM

There can be a Group for each role for Stage and Prod. The Stage role can be appended with "_PREPROD".

Users can be assigned to different groups dependent on the access requirements for that user. For the full list of roles that are seeded with each of the solutions in the suite, see the Application-Specific Roles section of this and each of the specific Application Cloud Service documentation.

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Deployment

The deployment phase is when you'll be designing, configuring, and building the integration, conversions, training, reports, and any extensions needed to run the Oracle Retail Cloud Services for your business.

> **Note:**
>
> See the Application-Specific section of this and each of the specific Application Cloud Service documentation.

Review additional product-specific tools and resources that help you and your implementation team by referencing the Documentation libraries at this location: https://docs.oracle.com/en/industries/retail/index.html.

Key documents for each cloud service, include:

- Implementation Guides in the solution documentation may address the following and more:
    - System options/configurations
    - Data Access Schema and/or Retail Data Store configuration
    - Configuration of key foundational data
    - Translation information
- Security Guides may be one or more volumes. One example is below.
    - Volume 1 has the technical details on the security architecture
    - Volume 2 has details on the roles, duties, and privileges by solution
- Operations Guides in the solution documentation may address the following and more:
    - Batch process by solution
    - Integration information, including REST services for each solution

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OCI IAM Usage for Startup

For managing users and application access to the Oracle Retail Cloud Services, the users are configured with Oracle Identity Cloud Service (OCI IAM).

The "Default" individual is the person who activates the service into their Oracle Cloud Account, and that individual is initially the cloud administrator designated by Oracle Sales in their cloud service order.

OCI IAM is Oracle's cloud-native security and identity platform. It provides a powerful set of hybrid identity features to maintain a single identity for each user across cloud, mobile, and on-premises applications. OCI IAM enables single sign on (SSO) across all applications in your Oracle Cloud tenancy. You can also integrate OCI IAM with other on-premises applications to extend the scope of this federated identity management. For more information, see the following link:

https://docs.oracle.com/en-us/iaas/Content/Identity/home.htm

> **Note:**
>
> This guide contains a small subset of the OCI IAM Service. Always refer to the OCI IAM Documentation for the latest usage. https://docs.oracle.com/en/cloud/paas/identity-cloud/ index.html

> **Note:**
>
> It is recommended that you create additional OCI IAM and Oracle Retail cloud service administrators once you have validated access. For OCI IAM guidance on creating users and adding additional administrators see the links below:

Understand Administrator Roles (OCI IAM)

Add or Remove a User Account from an Administrator Role (OCI IAM)

Create User Accounts (OCI IAM)

When prompted enter your username (email address) and password which will be the password set when activating your Oracle Cloud Account.

OCI IAM User Creation

Before users can access the Oracle Retail Cloud Service applications, it is necessary to provision access to the system for each user and to assign roles to each user to control what functionality will be available to the user. The access provisioning is done using OCI IAM.

The OCI IAM Application URL and login with the required administrator access are needed to perform the steps. The welcome email sent by Oracle includes the URL.

After creating the user in OCI IAM, the Administrator can create the same user with the same user group (that is, the role in OCI IAM) in the Oracle Retail Cloud Service application.

For Oracle Retail Cloud Service implementations, all the default roles will be created for you in OCI IAM for both production and non-production environments, including the administration roles. The non-production version of the roles will include a "_PREPROD" extension. This is because a single instance of OCI IAM will hold both production and non-production roles for your cloud solutions, so the names need to be differentiated. These roles should not be removed.

> **Note:**
>
> For the full list of groups/roles that are seeded for each of the cloud services, see the Application-Specific Section in this document: Applications in Scope

A user account represents a user in an identity domain and enables the user to access the Oracle Cloud service to which they belong. In an identity domain, there is a one-to-one relationship between a user and a user account. By default, all users can use their accounts to perform self-service capabilities. Users can update their profiles, reset their passwords, unlock their accounts, and change their email preferences.

All application user maintenance is performed via OCI IAM. It is also where users can be assigned to groups, which are equivalent to roles (or job roles) in each application.

It is recommended to create additional administrators for each Oracle Retail Service. The groups for each cloud service that represent the administrator will vary by application.

See the Application-Specific Section in this document for each service subscribed to for a list of the groups for that service that represents the administrator. For details on adding Groups to users see:

Managing Groups

Managing Users

For Oracle Retail Cloud Service guidance on managing users for the services with OCI IAM, see the following links:

Managing Users

Oracle Retail Oracle Cloud Infrastructure Identity & Access Mgmt

Oracle Retail Cloud Service Documentation: There is a Security guide for each Oracle Retail Cloud Service

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Customer OCI IAM Startup Workflow Example

This summarizes the process for provisioning an environment with OCI IAM integration for a new installation.

Phase	Activity	Responsibility	Description and links
Start of onboarding Activities.	Gather configuration from Customer.	CSM/Sales	Information is gathered as related to the customer administrator and their OCI IAM / IDCS configuration details. Additionally, some details will be taken from the booked order (product part number and sizing metrics) This data will determine how the Cloud Service(s) are initially configured.
Pre-provisioning	Identify the individual to be the initial client Identity Domain Administrator	CSM	CSM assists the client to select the initial person identified as the Identity Domain Administrator. That name is provided to Oracle Retail Cloud Operations.
	Create the client's IAM Identity Domain Administrator. The "default" individual is the person who activates the service into their Oracle Cloud Account and that individual is initially the cloud administrator designated by Oracle Sales in their cloud service order.	Created as part of the OCI tenancy creation process	Understanding Administrator Roles.
	Create additional OCI IAM and Oracle Retail cloud service administrators	Customer Identity Domain Administrator	Add or Remove a User Account from an Administrator Role (OCI IAM)
Provisioning	Provision access to the system for each user and to assign roles to each user to control what functionality will be available to the user.	Customer Identity Domain Administrator	Managing Users: Using the Console

Phase	Activity	Responsibility	Description and links
	Seed Application Roles	Oracle Retail Cloud Operations	Each of the Oracle Retail Cloud Services has pre-defined application roles that are loaded by Oracle Retail Cloud Operations during the application provisioning. **Note:** Omni Applications are not seeded by Oracle Retail Cloud Operations. Application-Specific Roles: Apps in Scope Application-Specific Roles: Summary of All Apps/Rolls
Post-Provisioning	Oracle Retail Cloud Service recommendations for specific tasks, as they are applicable for your implementation.	Customer OCI IAM Identity Domain Administrator, Customer Application Administrator	Oracle Retail Cloud Service Documentation Application-Specific Roles: Apps in Scope Application-Specific Roles: Summary of All Apps/Rolls
Deployment	The deployment phase is when you'll design, configure, and build the integration, conversions, training, reports, and any extensions needed to run the Oracle Retail Cloud Services for your business.	Customer, Customer OCI IAM Identity Domain Administrator, Customer Application Administrator	Application-Specific Roles: Apps in Scope Application-Specific Roles: Summary of All Apps/Rolls

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Applications in Scope

This section provides links to the application specific OCI IAM seeded roles for the Oracle Retail Applications.

Links to the Summary Application Specific Seeded Roles

- Retail Home
- Process Orchestration and Monitoring (POM)
- Oracle Analytics Server (OAS)
- Retail Data Store Cloud Services (RDS)
    - Collect and Receive (CaR)
- Merchandising Cloud Service
- Brand Compliance Management Cloud Service
- Supplier Evaluation Cloud Service
- Customer Engagement Cloud Service (CECS)
- Order Orchestration Cloud Service (OBCS)
- Order Administration Cloud Service
- Xstore Office Cloud Service (XOCS)
- Store Inventory Operations Cloud Service (SIOCS)
- AI Foundation Cloud Service
- Retail Insights Cloud Service
- Inventory Planning Optimization Cloud Service
    - Inventory Planning Cloud Services
- Planning and Optimization Cloud Service
    - Merchandise Financial Planning Cloud Service
    - Demand Forecasting Cloud Service
    - Assortment Planning Cloud Service
- Retail Integration Cloud Service

9

Application-Specific Roles

Retail Home

Assigning Oracle Retail Cloud Service Access

Retail Home comes available with a set of pre-defined roles, each role is managed as a group in OCI IAM and there is a group for each role for Stage and Prod. The preprod role is used for all nonproduction environments, for example, if a customer has a Dev, Stage, and Prod environment the preprod role will apply for both the Dev and Stage environment. If a role is a Stage or Dev role, it would be appended with "_PREPROD".

> ✎ **Note:**
>
> - PLATFORM_SERVICES_ADMINISTRATOR_ABSTRACT is required by all users who access the Retail Home application.
> - For nonproduction environments, the role names required are suffixed with _PREPROD, for example, RETAIL_HOME_ADMIN_PREPROD.

Identity Group (Role)	Access Granted in Retail Home (UI or API)

All users who log in to the Retail Home application.	• Home Dashboard for the roles assigned
	 • Left Navigation Menus
	   – Application Navigator
	   – Favorites*
	   – Tasks
	     * Home Dashboard
	     * Welcome Page
	     * Roles
	   – Notifications*
	   – Reports*
	 Content is shown depending on the role

Identity Group (Role)	Access Granted in Retail Home (UI or API)

RETAIL_HOME_ADMIN and **PLATFORM_SERVICES_ADMINISTRATOR**	• All basic access as mentioned above.
	• Settings Menu
	  – User Interface
	    * Global Area Configuration
	  – Dashboards and Reports
	    * Custom Reports
	    * Dashboard Configuration
	  – Application Administration
	    * Customer Modules Management
	    * Application Dashboard
	    * Application Navigator Setup
	    * Manage OAuth Clients
	  – Resource Bundles
	    * Resource Text Strings
	    * Imports Management
	    * Role Labels
	  – Manage Notifications
	  – Integration Status
	  – Application Properties
	  – Import/Export

RH_ROLE_REQUEST_ABSTRACT	• The user receives a notification when other users request to add roles.
RH_ROLE_REMOVE_ABSTRACT	• The user receives a notification when other users request to remove roles.
DATAPRIV_ADMINISTRATOR_REST_API_ROLE	• Allows calling Data Privacy Services API, for example, https://home.retail.<region>.ocs.oraclecloud.com/rgbu-common-<customer code>-<environment>-rh/RetailAppsDataPrivServices

Further details on these roles and their functional access can be found in the *Oracle Retail Home Security Guide* here https://docs.oracle.com/en/industries/retail/index.html.

Process Orchestration and Monitoring (POM)

Assigning Oracle Retail Cloud Service Access

POM comes available with a set of pre-defined roles; each role is managed as a group in an OCI IAM Domain. There is a group for each role for Stage and Production. If a role is a Stage role, it would be appended with "_PREPROD".

Roles/Groups	Description
BATCH_VIEWER_JOB	The BATCH_VIEWER_JOB group are Retailer business users responsible for just monitoring batch.

Roles/Groups	Description
BATCH_SCHEDULE_CONFIGURATION_MANAGER_JOB	Retailer administrators responsible for monitoring batch and configuring external dependencies and callbacks into the company's systems.
BATCH_SCHEDULE_ADMINISTRATOR_JOB	Retailer administrators responsible for maintaining monitoring and executing batches.
BATCH_ADMINISTRATOR_JOB	Retailer administrators who can perform all functions within POM. This role is equivalent to its Oracle AMS counterpart BATCH_ORACLE_AMS_ADMINISTRATOR_JOB described next.
BATCH_ORACLE_AMS_ADMINISTRATOR_JOB	Oracle AMS administrators who monitor, maintain, and configure the batch schedules. They also maintain POM application configurations for efficient operations.

Further details on these roles and their functional access can be found in the *Oracle Retail Home Security Guide* here https://docs.oracle.com/en/industries/retail/index.html.

Oracle Analytics Server (OAS)

Assigning Oracle Retail Cloud Service Access

Most Oracle Retail applications starting with version 22 or later include an instance of Oracle Analytics Server (OAS) as part of the provisioning. This OAS instance is a managed SaaS environment which is administered by Oracle exclusively and you will not have administrative access to the server. Your permissions will be limited to the pre-defined roles for end users to access core OAS functionality like building reports and data visualizations. You will know if you have OAS as part of your environment because your Retail Home may have links to one of these endpoints:

https://<host>/dv/, https://<server>/analytics/, or https://<server>/xmlpserver/.

> **Note:**
>
> Only customers who have purchased Retail Insights Cloud Service will get access to the analytics endpoint. All other customers will get only Data Visualization (dv) and Publisher (xmlpserver) access.

For users to access Data Visualizer or other components of Oracle Analytics, they must be assigned at least one of a set of roles defined to control access to Oracle Analytics. Group names are prefixed with a unique tenant ID that is specific to your cloud service environment. This is necessary because you will have multiple OAS instances on one IAM tenant (such as Dev, Stage, and Prod environments). The OAS tenant ID is a long string of characters like this:

bd835fj48ffj3lwisda4h

The role names would then look like this:

bd835fj48ffj3lwisda4h-BIConsumer

The set of common roles defined for OAS and DV are:

Table 9-1   OCI IAM Roles and Descriptions

OCI IAM Role	Description
<tenant ID>-**DVConsumer**	Role granting permission to view visualizations in Data Visualizer.
<tenant ID>-**DVContentAuthor**	Role granting permissions to create data sets and visualizations in the Data Visualizer.
<tenant ID>-**BIConsumer**	Role granting permission to view reports and dashboards in OAS (Analytics and Publisher).
<tenant ID>-**BIContentAuthor**	Role granting permission to create reports and dashboards in OAS (Analytics and Publisher).

> **Note:**
>
> Higher level roles automatically include lower level roles. For example, all users with the DV Content Author are implicit members of DV Consumer as well.

You will see other pre-defined roles in your OCI IAM instance, such as BI Service Administrator, but these roles are reserved for Oracle internal usage and granting them to your own users will not result in administrator level access.

Retail Data Store Cloud Services (RDS)

Assigning Oracle Retail Cloud Service Access

Once Retail Data Store Cloud Services (RDS) is provisioned, each workspace comes with a single user configured in APEX/ORDS. This user is the Workspace Administrator for that workspace. For initial access, you must create a user in OCI IAM for each Workspace Administrator account, you will not be able to access RDS until the OCI IAM users are added. Each workspace administrator user added in OCI IAM must match the username included with the RDS workspace. The Workspace Administrator account passwords and their lifecycle will then be managed in OCI IAM going forward. There is no need to synchronize this user with APEX. The only requirement is the usernames match.

This is the set of Workspace Administrators provided:

USERNAMES	Description
MFCS_RDS_CUSTOM	Workspace Administrator provided for Merchandising Foundation Cloud Service.
CE_RDS_CUSTOM	Workspace Administrator provided for Customer Engagement Cloud Service.
SIOCS_RDS_CUSTOM	Workspace Administrator provided for Store Inventory Operations Cloud Service.

USERNAMES	Description
OB_RDS_CUSTOM	Workspace Administrator provided for Order Orchestration Cloud Service.
XO_RDS_CUSTOM	Workspace Administrator provided for Xstore Office Cloud Service.
SE_RDS_CUSTOM	Workspace Administrator provided for Supplier Evaluation Cloud Service.

Create each user listed in the first column in your OCI IAM tenant and reset the password for it, and then you may use it to access the associated RDS workspace. For more information about RDS APEX Workspace Administrator users, see the APEX User Management section in the *Oracle Retail Data Store Implementation Guide* on the Oracle Help Center (docs.oracle.com) at the following URL:

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

Collect and Receive (CaR)

CaR web services APIs are secured with OAuth 2.0. For further details on web service authentication, see the *Oracle Retail Omnichannel Web Service Authentication Configuration Guide* found on My Oracle Support DocID 2728265.1.

Managing access to Oracle Analytics

RDS subscriptions include support for use of CaR data in the Oracle Analytics (OAS). In order for users to access the Data Visualizer or other components of Oracle Analytics, they must be assigned at least one of a set roles defined to control access to Oracle Analytics. Refer to the section of this chapter on Oracle Analyics Server for the available roles.

For more information about pre-created user roles in OAS, see the Set Up Security with Users, Groups, and Application Roles chapter in the Managing Security for Oracle Analytics Server document.

https://docs.oracle.com/en/middleware/bi/analytics-server/index.html

Merchandising Cloud Services

Assigning Oracle Retail Cloud Service Access

Oracle Retail Merchandising Cloud Service Suite comes available with a set of pre-defined roles, each role is managed as a group in OCI IAM.

- There is a group for each role for Stage and Prod. If a role is a Stage role, it would be appended with "_PREPROD".
- Users can be assigned to different groups dependent on the access requirements for that user.

For the full list of roles that are seeded with each of the solutions in the suite, see the Volume 2, Security Guides for each solution available here https://docs.oracle.com/en/industries/retail/index.html.

It is recommended to create additional administrators for each service. The groups for each cloud service that represent the administrator are:

Application	Group
Merchandising	RMS_APPLICATION_ADMINISTRATOR_JOB
Sales Audit	RESA_APPLICATION_ADMINISTRATOR_JOB
Allocation	ALLOCATION_APPLICATION_ADMINISTRATOR_JOB
Invoice Matching	REIM_APPLICATION_ADMINISTRATOR_JOB
Pricing	PRICING_APPLICATION_ADMINISTRATOR_JOB
Retail Fiscal Management	RFM_APPLICATION_ADMINISTRATOR_JOB

Brand Compliance Management Cloud Service

Creating Users and Assigning Oracle Retail Cloud Service Access

Users are created in ORBC and pushed to OCI IAM. When a new user or external system is created (whether manually, as part of a bulk upload, or by the Users API), a corresponding user profile is automatically created and activated in OCI IAM. The OCI IAM profile is automatically assigned to a group that represents its Brand Compliance user role access rights.

For changes to users there is an hourly sync between ORBC and OCI IAM.

User Access Levels (permissions - user roles, authority profiles, API end point access) are managed on the user record and external system records in ORBC.

Details for ORBC User Administration can be located within the Administration Guide at the following URL:

https://docs.oracle/en/industries/retail/index.html

Supplier Evaluation Cloud Service

Access OCI IAM

For more information about OCI users and roles, see the Access OCI IAM section in the *Oracle Retail Supplier Evaluation Cloud Service Administrator Action List* and the OCI IAM Integration for Authentication section in the *Oracle Retail Supplier Evaluation Cloud Service Administration Guide* on the Oracle Help Center (docs.oracle.com) at the following URL:

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

Customer Engagement Cloud Service

Assigning Oracle Retail Cloud Service Access

ORCE uses application roles in OCI IAM to manage user access to ORCE.

The Oracle Cloud Services application names for ORCE are typically of the format RGBU_CECS_{ENV}

- where {ENV} can be PRDXX or STGXX or DEVXX

- where XX represents an index number

- For example, RGBU_CECS_PRD1 or RGBU_CECS_STG2 and so on.

Further details on the roles and their functional access can be found in the *Oracle Retail Customer Engagement Administration Guide*.

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

ORCE Webservices APIs are secured with OAuth 2.0. Further details on web service authentication see the *Oracle Retail Omnichannel Web Service Authentication Configuration Guide* found on My Oracle Support DocID 2728265.1.

Order Orchestration Cloud Service (OOCS)

Assigning Oracle Retail Cloud Service Access

OOCS uses application roles to grant authority to users to login. The application roles of OBCS_Admin, OBCS_User, OBCS_Store_User and OBCS_Vendor_User will provide access to the Order Orchestration UI, store connect and vendor portal features.

Roles/Groups	Description
OBCS_Admin	OBCS_Admin/Order Orchestration user can log into Order Orchestration UI with admin authority, including access to the Tenant screen.
OBCS_User	OBCS_User/Order Orchestration user without admin authority. Additional authority is based on the Roles assigned through the Role Wizard in Order Orchestration.
OBCS_Store_User	OBCS_Store_User/Store Connect user can log into Store Connect. Assigned to the "OBCS|{ENV}|STC-<system> user" group, where <system> is the system code of the Store Connect default system in your organization.
OBCS_Vendor_User	OBCS_Vendor_User/Vendor user can log into Vendor Portal and must be associated with a vendor. Assigned to the vendor user group that is created as "OBCS|{ENV}|<system>|vendor", where <system> is the system code identifying the default vendor system, and <vendor> is the code identifying the vendor. Additional authority is based on the Roles assigned through the Role Wizard in Order Orchestration.

- Access to specific OOCS functionality can be tailored within OOCS

- The Oracle Cloud Services application names for OOCS are typically of the format RGBU_OBCS_{ENV}

  – where {ENV} can be PRDXX or STGXX or DEVXX

  – where XX represents an index number

  – For example, RGBU_OBCS_PRD1 or RGBU_OBCS_STG2 and so on

Synchronization between OCI IAM and OOCS can be run on demand or scheduled.

Further details on the roles and their functional access can be found in the *Oracle Retail Order Orchestration Cloud Service Administration Guide* https://docs.oracle.com/en/industries/retail/index.html.

OOCS REST APIs are secured with OAuth 2.0. Further details on web service authentication see the *Oracle Retail Omnichannel Web Service Authentication Configuration Guide* found on My Oracle Support DocID 2728265.1 .

Order Administration Cloud Service (OACS)

Assigning Oracle Retail Cloud Service Access

Order Administration uses application roles to manage user access to Order Administration.

Roles/Groups	Description
OMCS_User	Order Administration uses application roles to manage user access to Order Administration.
	The user record will be created in Order Administration with default authority.
OMCS_Admin	Order Administration uses application roles to manage user access to Order Administration
	The user record will be created in Order Administration with full administrative authority

Authorization to specific Order Administration functionality can be configured within the Order Administration application

The Oracle Cloud Services application names for Order Administration are typically of the format RGBU_OMCS_{ENV}

- where {ENV} can be PRDXX or STGXX or DEVXX

- where XX represents an index number

For example, RGBU_OMCS_PRD1 or RGBU_OMCS_STG2 and so on. Synchronization between OCI IAM and Order Administration can be run on demand or scheduled.

Further details on the roles and their functional access can be found in the *Oracle Retail Order Administration Cloud Service Administration Guide* https://docs.oracle.com/en/industries/retail/index.html.

Order Administration REST APIs are secured with OAuth 2.0

- Additional application-level authorization is done via custom AppRole

Further details on web service authentication see *the Oracle Retail Omnichannel Web Service Authentication Configuration Guide* found on My Oracle Support DOCID: 2728265.1 .

Xstore Office Cloud Service (XOCS)

Assigning Oracle Retail Cloud Service Access

For a user to access Xadmin the user must be granted the User Access application role for the relevant environment within OCI IAM. The Oracle Cloud Services application names for Xstore Office are typically of the format

- RGBU_XTROFFCS_{ENV}_XOFFICE
- where {ENV} can be PRD or UAT or DEV or PRDXX or STGXX or DEVXX
- where XX represents an index number
  - For example, RGBU_XTROFFCS_UAT_XOFFICE or RGBU_XTROFFCS_PRD_XOFFICE or RGBU_XTROFFCS_PRD1_XOFFICE or RGBU_XTROFFCS_STG2_XOFFICE and so on.

Once the user is synced with Xadmin (every hour) the administration user can work on assigning organizations, a role and org nodes to each user to control what functionality will be available to them.

Xcenter REST APIs are secured with OAuth 2.0

- Additional application-level authorization is done via custom AppRoles.

Further details on the roles and their functional access can be found in *the Oracle Retail Xstore Office Cloud Service Security Guide* and the *Oracle Retail Xstore Office Cloud Service Administration Guide* https://docs.oracle.com/en/industries/retail/index.html

Further details on web service authentication see the *Oracle Retail Omnichannel Web Service Authentication Configuration Guide* found on My Oracle Support DOCID: 2728265.1 .

Store Inventory Operations Cloud Service (SIOCS)

Assigning Oracle Retail Cloud Service Access

Oracle Retail Enterprise Inventory Cloud Service (EICS) comes available with a set of pre-defined roles, each role is managed as an "Application Role" in OCI IAM. Each environment will have an application record in OCI IAM, for example: RGBU_SIOCS_<ENV>_EICS or RGBU_SIOCS_<ENV>.

Users can be assigned to different app roles within each app dependent on the access requirements for that user.

App Roles	Description
All	The IDCS or OCI IAM application role all_users is required to access SIOCS. This app role should be assigned to all users.
Admin	The IDCS or OCI IAM application role admin_users is required for access to administration tasks, such as managing configuration settings or translations. This IDCS or OCI IAM application role should only be assigned to system operators and administrators.

App Roles	Description
Batch	This IDCS or OCI IAM application role should only be assigned to system operators and batch administrators.
	The IDCS or OCI IAM application role batch_users is required for access to batch related tasks, such as job management or scheduling.
Full Permission	The IDCS or OCI IAM application role full_permission_users allows the user to gain access to all available permissions without any database role assignment.
	This IDCS or OCI IAM application role should only be assigned to system operator and initial customer admin user.
	This full permissions IDCS or OCI IAM application role does not provide full data permission access. For performing administration operations, user should be assigned ADMINISTRATOR SIOCS application role in SIOCS application.
Global Store User	The IDCS or OCI IAM application role global_store_users grants the user access to all store locations.
	This IDCS or OCI IAM application role should only be assigned to system operators, and administrators or special users requiring access to all store locations.
Integration	The IDCS or OCI IAM application role integration_users is required for accessing integration resources, such as web services.
	This IDCS or OCI IAM application role should only be assigned to users designated for application integration, not those requiring access to the application UI.
	Users that are only integrating with SIOCS are considered integration users, for example, the RIB injection user is a typical case of an integration user.
	These users do not require access to the SIOCS client applications, and therefore do not require store assignments or role assignments (permissions).
MPS	The IDCS or OCI IAM application role mps_users is required for access to MPS (message processing service) related tasks, such as staged message maintenance or work type management.
	This IDCS or OCI IAM application role should only be assigned to system operators and MPS administrators.
Security	The IDCS or OCI IAM application role security_users is required for access to security management tasks, such as role maintenance and user role/store assignments.
	This IDCS or OCI IAM application role should only be assigned to system operators and security administrators.
	Users accessing application UI features that are restricted by group access must also be granted the relevant permissions through role and store assignments.
	A regular store user should not require this assignment for accessing the application UI.
System Operator	The IDCS or OCI IAM application role sysop_users is required for access to restricted areas of the application, such as certain system configuration settings.
	This IDCS or OCI IAM application role should only be assigned to system operators, which are typically the cloud operator.
	Note: The sysop_users IDCS or OCI IAM application role is for internal use by Oracle team only and should not be assigned to customer users.

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Two OCI IAM groups are used for special purpose access. These groups can be found under Groups section in the OCI IAM Domain.

Roles/groups	Description
psraf_users	The group psraf_users is required to access platform features, for example, Favorites. This group should be assigned to all users. The naming convention for the group is <EICS_IAM_APP_DISPLAY_NAME>.psraf_users, for example: RGBU_SIOCS_<ENV>_EICS.psraf_users or RGBU_SIOCS_<ENV>.psraf_users
psraf_admin_users	The group psraf_admin_users is required to access platform features, for example, Favorites. This group should be assigned to all users. The naming convention for the group is <EICS_IAM_APP_DISPLAY_NAME>.psraf_admin_users, for example: RGBU_SIOCS_<ENV>_EICS.psraf_admin_users or RGBU_SIOCS_<ENV>.psraf_admin_users.
retail_home_users	The group retail_home_users is required for Retail Home application users to access SIOCS tile APIs. This group should be assigned to all Retail Home users that need access to SIOCS tiles. The naming convention for the group is <EICS_IAM_APP_DISPLAY_NAME>.retail_home_users, for example: RGBU_SIOCS_<ENV>_EICS.retail_home_users or RGBU_SIOCS_<ENV>.retail_home_users.

Common user types and the associated roles they could be granted for SIOCS access are detailed in the FAQ. Further details on these roles and their functional access can be found in the *Enterprise Inventory Cloud Service Administration Guide* here https://docs.oracle.com/en/industries/retail/index.html.

Retail AI Foundation Cloud Service

The Oracle Retail AI Foundation Cloud Service (AIF) combines AI, machine learning, and decision science with data captured from Oracle Retail SaaS applications and third-party data. The unique property of AIF Cloud Service, a learning-enabled application, is that it detects trends, learns from results, and increases its accuracy the more it is used, adding massive amounts of contextual data to obtain a clearer picture on what motivates outcomes.

The Oracle Retail AI Foundation Cloud Services are composed of the following Cloud Services:

- Oracle Retail AI Foundation Cloud Service (AIF)

- Oracle Retail Assortment and Space Optimization Cloud Service (RASO)

- Oracle Retail Promotion, Markdown and Offer Optimization Cloud Service (RPMO)

- Retail Offer Optimization Cloud Service (OO)

- Oracle Retail Inventory Optimization Cloud Service (IO)

Managing Access to Oracle Analytics and Data Visualizer

AI Foundation Cloud Service subscriptions include use of application results in Oracle Analytics Data Visualizer (DV). In order for users to access the Data Visualizer or other

components of Oracle Analytics, they must be assigned at least one of the roles defined to control access to Oracle Analytics. Refer to the section earlier in this document on Oracle Analytics Server for the available roles.

Assigning Innovation Workbench Access

AI Foundation Cloud Service subscriptions include use of Oracle Application Express (APEX) and other tools which are collectively referred to as Innovation Workbench (IW). Once AI Foundation is provisioned, you will have a single workspace defined in APEX called the Retailer Workspace. The workspace comes with a single initial user configured in APEX. This user is the Workspace Administrator for that workspace. For initial access, you must create a user in OCI IAM for the Workspace Administrator account, you will not be able to access APEX until the OCI IAM user is added. The Workspace Administrator account passwords and their lifecycle will then be managed in OCI IAM going forward. There is no need to synchronize this user with APEX. The only requirement is the usernames match what Oracle has defined.

Username	Description
rtlwsp_admin	Workspace Administrator for Innovation Workbench

Create each user listed in the first column in your OCI IAM tenant and reset the password for it, and then you may use it to access the associated IW workspace. For more information about IW APEX Workspace Administrator users, see the **Managing APEX and Extensions** section in the *Oracle Retail Analytics and Planning Administration Guide* on the Oracle Help Center (listed within the AI Foundation document library) at the following URL:

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

Assigning Oracle Retail Cloud Service Access

Each AI Foundation application on the platform has its own set of groups that determine a user's access level to that application's user interface. Groups are divided based on typical business tasks and duties that the user is expected to perform, such as one group for managing markdown optimization configurations and another which only creates and runs scenarios. The groups shown are for production systems; a similar set of groups are appended with _PREPROD for use on non-production systems (except for OAS/DV roles, which are described in a separate section of this chapter for Oracle Analytics Server).

The complete list of roles is provided below, separated out by the application or module of AI Foundation that uses it.

Application or Modules	OCI IAM Role	Description
Advanced Clustering	CLUSTERING_ADMINISTRATOR_JOB	Responsible for planning, building, and analyzing store clusters based on a variety of store and category attributes to support assortment, pricing, and space planning business processes in the Store Clustering Module.

Application or Modules	OCI IAM Role	Description
Advanced Clustering	MERCHANDISER_JOB	A Store Merchandiser (or In-Store Merchandiser) is an hourly employee who executes the placement and assembly of retail fixtures, adjustment of shelves and arrangement and placement of product on the shelves in accordance with CAD drawings and planograms.
Advanced Clustering	IN-STORE_MERCHANDISER_JOB	Deprecated role for Advanced Clustering (no longer used).
Affinity Analysis	MARKET_BASKET_ANALYSIS_JOB	A user who understands the retailer's business, has some business analytics training, and is responsible for reviewing sales transaction affinity analysis.
Assortment & Space Optimization	CATEGORY_MANAGER_JOB	Product-assortment-centric user who is interested in viewing ASO results and in the translation of data between CMPO, Retail Analytics, and ASO.
Assortment & Space Optimization	SPACE_PLANNER_JOB	A Store Planner is a corporate employee with responsibility for designing the layout of floor plans, department sizes and locations, the layout of fixtures and aisles, applying health, safety and welfare guidelines, and managing and publishing floor-plan versions. This user is also responsible for the day-to-day micro-space optimization activities.
Assortment & Space Optimization	MERCHANDISING_ANALYST_JOB	Main business user responsible for day-to-day micro-space optimization activities.
Assortment & Space Optimization	SPACE_ADMINISTRATOR_JOB	Responsible for general system setup and configuration tasks related to the business.
Assortment & Space Optimization	FORECAST_MANAGER_JOB	Responsible for analytical configuration, testing, and model diagnosis.
Attribute Binning	ATTRIBUTE_BINNING_JOB	A user who understands the retailer's business, has some business analytics training, and has been trained in the use of the CDT application and attribute binning application.
Attribute Extraction	ATTRIBUTE_EXTRACTION_JOB	A user who is familiar with the retailer's product categories and has been trained in the use of the Attribute Extraction.

Application or Modules	OCI IAM Role	Description
Customer Decision Trees, Demand Transference	ANALYTIC_EXPERT_JOB	Responsible for understanding the retailer's business, has some business analytics training, and has been trained in the use of the CDT and DT applications.
Control & Tactical Center	ADMINISTRATOR_JOB	A user who understands all the parameters driving the application and is responsible for their configuration as well as managing the credential store for CE, RPM, and so on.
Customer Segmentation	CUSTOMER_ANALYST_JOB	Develops customer segments and analyzes their customer shopping and buying behavior to determine customer differentiation, trends, and opportunities in Customer Segmentation Module.
Customer Segmentation	CUSTOMER_SEGMENT_ADMINISTRATOR_JOB	Responsible for analytical defaults and configuration, testing, and model diagnosis. This includes Filter, Sampling and Attribute Mining in the Customer Segmentation Module.
Customer Segmentation	MARKET_ANALYST_JOB	Reviews customer segments with business experts, suited (distinctly) for targeted promotion, category and assortment planning, targeted pricing, customer, and market basket analytics in Customer Segmentation module.
Data Lake	DATA_LAKE_HUE_ADMIN_JOB	Deprecated role for Data Lake service (no longer used).
Data Lake	DATA_LAKE_HUE_ANALYST_JOB	Deprecated role for Data Lake service (no longer used).
Demand Transference	ASSORTMENT_PLANNER_JOB	The Assortment Planner is responsible for creating the category assortments, to meet the roles, strategies, and tactics set for the category by the Category Manager. Multiple category assortments are created, for each cluster or store. One planner can be responsible for multiple categories.
Forecasting	FORECAST_ANALYST_JOB	Reviews and approves forecasts on a day-to-day basis. An advanced forecast analyst may also be responsible for forecast parameter maintenance and demand modeling activities.
Innovation Workbench	DATA_SCIENCE_ANALYST_JOB	Data Science Analyst role for a retailer using Innovation Workbench using APEX retailer workspace.
Innovation Workbench	DATA_SCIENCE_ADMINISTRATOR_JOB	Data Science Administration role for Retailer using Innovation Workbench using APEX retailer workspace.
Innovation Workbench	DATA_SCIENCE_ORCL_ADMIN_JOB	Data Science Cloud Administration role for a retailer using Innovation Workbench using APEX retailer workspace.

Application or Modules	OCI IAM Role	Description
Innovation Workbench	DATA_SCIENCE_OLDS_ADMIN_JOB	Role to enable the administration of python notebook service under Innovation Workbench.
Innovation Workbench	DATA_SCIENCE_OLDS_ANALYST_JOB	Role to enable the Python notebook for an analyst under Innovation Workbench.
Lifecycle Pricing Optimization	CHATBOT_QNA_VIEW_JOB	Conversational AI role to enable frequently asked question types of bot conversation.
Lifecycle Pricing Optimization	CHATBOT_SERVICE_JOB	Conversational AI role to enable integration between AI Foundation Cloud Services and Oracle Chatbot.
Lifecycle Pricing Optimization	CHATBOT_VIEW_JOB	Conversational AI role to enable real time bot conversations.
Lifecycle Pricing Optimization	TARGETED_OFFER_JOB	User who probably works in the marketing department and who is responsible for accepting or rejecting targeted offers that are sent out to customers.
Lifecycle Pricing Optimization	BUYER_JOB	Responsible for a department or departments and makes the budget decisions for pricing recommendations. Approves or rejects an OO run. Responsible for the translation of data between OO and Oracle Retail Price Management (RPM) and Oracle Retail Customer Engagement (CE).
Lifecycle Pricing Optimization	PRICING_ANALYST_JOB	Main business user responsible for day-to-day pricing optimization activities (e.g., creating scenarios).
Lifecycle Pricing Optimization	PRICING_MANAGER_JOB	Responsible for analytical configuration, testing, and model diagnosis. Oversees the work done by the pricing analyst.
Lifecycle Pricing Optimization	PRICING_ADMINISTRATOR_JOB	Responsible for the general system setup and configuration tasks related to the business.
Lifecycle Pricing Optimization	REGULAR_PRICE_JOB	The regular price role develops strategies for setting up regular price for items to maximize sales and profits.

Application or Modules	OCI IAM Role	Description
Profile Science	SIZE_PROFILE_ANALYST_JOB	Responsible for system parameter maintenance to support size profile calculations. May also be responsible for approval of size profiles. A user who understands size and profile estimations and is able to review and submit them for the retailer's business.
Profile Science	SIZE_PROFILE_OPT_JOB	A user who understands size and profile estimations and is able to review and submit them for the retailer's business.
Return Logistics	RETURN_LOGISTICS_JOB	Deprecated role for Return Logistics module (no longer used).
Social Analytics	SOCIAL_ANALYTICS_JOB	Deprecated role for Social Analytics module (no longer used).
Xstore Integration	POSLOGS_SERVICE_JOB	Point of Sales broadcast listener roles to enable integration between Retail Science and Oracle Xstore.

Retail Insights Cloud Service

Assigning Oracle Retail Cloud Service Access

Retail Insights uses a combination of Oracle Analytics groups and RI-specific groups which give access to sets of metrics and attributes in RI in an additive fashion. For the base Oracle Analytics groups, refer to the section above on Oracle Analytics Server.

As an alternative (or in addition) to those base groups which are provided with OAS, RI also comes packaged with several custom OAS groups that have the same access levels within OAS but can also be used in the Catalog to manage permissions on reports and visualizations at a group level.

The additional OAS groups that are specifically for Retail Insights usage are listed below:

Table 9-2   OCI IAM Roles and Descriptions

OCI IAM Role	Description
<tenant ID>-**BIConsumer_JOB**	Includes similar permissions as BI Consumer.
<tenant ID>-**BIAuthors_JOB**	Includes similar permissions as BI Content Author.
<tenant ID>-**BIAuthorsCustom_JOB**	Deprecated role, in prior versions was used to limit the scope of metrics shown in RI for BI authors.
<tenant ID>-**BIAdministrators_JOB**	Administrator role for Oracle internal use.
<tenant ID>-**BIImpersonate_JOB**	Administrator role for Oracle internal use.
<tenant ID>-**RetailVisualAnalyzer_JOB**	Includes similar permissions as DV Content Author.
<tenant ID>-**RIApplicationAdministrators_JOB**	Customer administrator role which has the ability to create BI agents and BI publisher jobs and access the RI administration subject areas.

To use Retail Insights, you will also need one or more functional groups that will grant access to metadata in the RI subject areas in Oracle Analytics. These groups are listed below:

Table 9-3   OCI IAM Roles and Corresponding Application Roles

OCI IAM Role	Corresponding Application Role (as seen in OAS UI)
<tenant ID>-**AltHierarchyInsights_JOB**	AltHierarchyInsights
<tenant ID>-**ConsumerInsights_JOB**	ConsumerInsights
<tenant ID>-**CustomerInsights_JOB**	CustomerInsights
<tenant ID>-**CustomerDetailInsights_JOB**	CustomerDetailInsights
<tenant ID>-**CustomerLoyaltyInsights_JOB**	CustomerLoyaltyInsights
<tenant ID>-**CustomerOrderInsights_JOB**	CustomerOrderInsights
<tenant ID>-**CustomerSegmentInsights_JOB**	CustomerSegmentInsights
<tenant ID>-**EmployeeInsights_JOB**	EmployeeInsights
<tenant ID>-**Flex1Insights_JOB**	Flex1Insights
<tenant ID>-**Flex2Insights_JOB**	Flex2Insights
<tenant ID>-**Flex3Insights_JOB**	Flex3Insights
<tenant ID>-**Flex4Insights_JOB**	Flex4Insights
<tenant ID>-**FranchiseInsights_JOB**	FranchiseInsights
<tenant ID>-**InventoryInsights_JOB**	InventoryInsights
<tenant ID>-**PlanningInsights_JOB**	PlanningInsights
<tenant ID>-**PromotionInsights_JOB**	PromotionInsights
<tenant ID>-**PurchaseOrderInsights_JOB**	PurchaseOrderInsights
<tenant ID>-**SalesInsights_JOB**	SalesInsights
<tenant ID>-**ScienceInsights_JOB**	ScienceInsights
<tenant ID>-**SupplierInsights_JOB**	SupplierInsights
<tenant ID>-**RetailAnalysts_JOB**	RetailAnalyst
<tenant ID>-**TenderInsights_JOB**	TenderInsights

Using a combination of the RI groups above will grant access to sets of metrics and attributes in RI in an additive fashion. One exception is the CustomerDetailInsights_JOB role, which is a special role intended to grant access to detailed customer information, such as their name and phone number. This role must be used in combination with the CustomerInsights_JOB role to get access to these attributes and can be limited to a subset of RI users. Without the additional role, the CustomerInsights role only grants access to basic non-identifying customer information such as the customer ID and user-defined attributes.

For a detailed mapping of roles to RI subject areas, refer to the Metrics and Attributes Catalog (MAC) document in My Oracle Support (Doc ID 2539848.1).

Example User	OCI IAM Groups	Description
RI Application Administrator	<tenant ID>-BIConsumer_JOB <tenant ID>-BIAuthor_JOB <tenant ID>-RIApplicationAdministrator_JOB <tenant ID>-DVContentAuthor <tenant ID>-RetailAnalysts_JOB RETAIL_HOME_ADMIN	This user has access to all functional areas in RI and can manage Agents and modify and delete objects in the /Shared Folders/Custom/ space in the catalog.
Junior Merchandiser	<tenant ID>-BIConsumer_JOB <tenant ID>-BIAuthor_JOB <tenant ID>-DVContentAuthor <tenant ID>-SalesInsights_JOB <tenant ID>-InventoryInsights_JOB <tenant ID>-SupplierInsights_JOB	This user has access to the Sales, Inventory, and Supplier areas in RI, which are typically required for basic reporting on merchandise. The user can create reports, but not agents.

Managing Catalog Access

Retail Insights also provides a set of OCI IAM groups and associated Analytics application roles which can be used to assign catalog permissions. These groups have no functionality assigned to them initially, it is up to the user to include them or not as part of their catalog structure. In Data Visualizer (DV), catalog permissions are assigned by accessing the right-click or "…" menu on a report or folder and selecting the Inspect option, then going to the Access tab. From here, you can choose which users and roles may interact with that object. Restricting access to the object at a group level involves two steps:

1. Search for an application role in the Access tab in DV and add it to the list with Read/Write or Read Only permissions.

2. Login to OCI IAM and locate the Group name in the table below which is linked to the application role, then add users to this group.

The table below lists the OCI IAM groups and the associated Application Role names which can be used for this purpose. The group names appear only in OCI IAM while the application role names appear only in Oracle Analytics and DV user interfaces.

OCI IAM Group	OAS Application Role
RI_EXEC_CATALOG_JOB	RI Executive Catalog
RI_STORE_CATALOG_JOB	RI Stores Catalog
RI_AUDIT_CATALOG_JOB	RI Audit Catalog
RI_COMM_CATALOG_JOB	RI Commercial Catalog

OCI IAM Group	OAS Application Role
RI_FINANCE_CATALOG_JOB	RI Finance Catalog
RI_IT_CATALOG_JOB	RI IT Catalog
RI_MARKETING_CATALOG_JOB	RI Marketing Catalog
RI_OPERATIONS_CATALOG_JOB	RI Operations Catalog
RI_SUPPLY_CHAIN_CATALOG_JOB	RI Supply Chain Catalog

Inventory Planning Optimization Cloud Service

Inventory Planning Optimization (IPO) provides default OCI IAM groups for managing access levels in the application. In the IPO modules that leverage Retail Predictive Application Server (RPAS), user access to various templates can be controlled at the user-group level, and those groups are aligned with OCI IAM. Aside from the default OCI IAM groups, administrators can also create new user groups directly within IPO and synchronize those groups using Online Administration Tasks.

This table shows the example users, OCI IAM Groups and their descriptions.

Example User	OCI IAM Groups	Descriptions
IPO Prod Users	IPO_AUTH_PROD	Grants IPO access to a production environment.
IPO Stage Users	IPO_AUTH_STAGE	Grants IPO access to a stage (non-production) environment.
Application Administrator	IPO_ADMIN_PROD IPO_ADMIN_STAGE	An administrator has access to all templates within the application and can schedule Online Administration Tasks
Configuration Administrator	ADMINISTRATOR_JOB ADMINISTRATOR_JOB_PREPROD	An administrator that needs to access the Control & Tactical Center screens of AI Foundation, which includes optimization and forecast configurations and overall platform setup.
IPO Inventory Analyst	INVENTORY_ANALYST_JOB INVENTORY_ANALYST_JOB_PREPROD	A non-admin user responsible for configuring and running inventory optimizations and generating recommendations within the Optimization module.
IPO Forecast Administrator/ Forecast Analyst/ Supply Chain Administrator/IPO Supply Chain Analyst	IPO_FORECASTADMIN, IPO_FORECASTANALYST, IPO_SUPPLYCHAINADMIN, IPO_SUPPLYCHAINANALYST	Additional IPO user permissions for non-admin users.

For a complete list of available groups and more details, refer to the *Oracle Inventory Planning Optimization Cloud Service Administration Guide*.

Inventory Planning Cloud Services

Example Users	OCI IAM Group	Description
IP Inventory Plan Viewers	IP_INVENTORY_PLAN_VIEWER	Read only access to Inventory Plan View, override previews, alerts, view Help pages.
IP Inventory Plan Editors	IP_INVENTORY_PLAN_EDITOR	In addition to VIEWER role, this role provides access to editing policies on the Advanced Options Panel.
IP System Administrators	IP_SYSTEM_ADMINISTRATOR	Provides access to view and configure application properties, view Help pages. This role does not provide access that the VIEWER or EDITOR role provide.
IP DV Viewer	IP_DV_VIEWER	Provides access to the Oracle Analytics link on Retail Home.

Planning and Optimization Cloud Services

Oracle Retail Planning and Optimization Cloud Services comprise the following services:

- Oracle Retail Merchandise Financial Planning Cloud Service

- Oracle Retail Demand Forecasting Cloud Service 19.x

- Oracle Retail Assortment Planning Cloud Service

> **Note:**
>
> Additional information on managing users, groups and permissions for Planning and Optimization cloud services can be found within application Administration Guides and the *Oracle Retail Predictive Application Server and Applications Cloud Edition Security Guide*.

Assigning Oracle Retail Cloud Service Access

Further details on these roles and their functional access can be found in the *Oracle Retail AI Foundation Cloud Service Administration Guide* here https://docs.oracle.com/en/industries/retail/index.html

Planning & Optimization uses Groups in an OCI IAM Domain to manage user access to planning.

Roles/Groups	Descriptions
PLATFORM_SERVICE_ADMINISTRATOR_ABSTRACT	These groups apply if the user is an RPAS administrator.
PLATFORM_SERVICE_ADMINISTRATOR_ABSTRACT_PREPPROD	
RPAS_WS_ADMIN	
RPAS_ORDS_GROUP	Oracle REST Data Services for RPAS Planning Data Store

For application access following groups apply

- {APP}_AUTH_{ENV} : Provides general application access
- {APP}_ADMIN_{ENV} : Provides administration level access in addition to the general access

Where {APP} represents the planning cloud service e.g., MFPEECS, APEECS, RDFCS and {ENV} represents the environment for example, PROD or STAGE.

> **✎ Note:**
>
> For non-PROD environments:
>
> For example, the RetailHomeConfig.json could have a tile state entry like this:
>
> ```
> "name": "edge.tileStates.mfp.sixmetricTile1",
> "type": "six-metric",
> "testLabel": "Financial Plan - Six Metric",
> "roles": "MFP_PLANNERS, MFP_USERS",
> ```
>
> This means that a user who has the roles MFP_PLANNERS or MFP_USERS can see the tile state with id edge.tileStates.mfp.sixmetricTile1. Accordingly, the following groups need to be created in IDCS:
>
> MFP_PLANNERS_PREPROD
>
> MFP_USERS_PREPROD
>
> Next, users need to be added to one or more of the above groups. A user who is a member of MFP_PLANNERS_PREPROD will be considered to have the role MFP_PLANNERS for Retail Home purpose.

Managing access to Oracle Analytics and the Data Visualizer

Planning and Optimization Cloud Service subscriptions include support for use of planning data in the Oracle Analytics (OAS) and the Data Visualizer (DV). In order for users to access the Data Visualizer or other components of Oracle Analytics, they must be assigned at least one of a set roles defined to control access to Oracle Analytics.

Refer to the section earlier in this document on Oracle Analytics Server for the available roles.

Merchandise Financial Planning Cloud Service

Merchandise Financial Planning provides default OCI IAM groups to manage access levels in the application. In MFP, user access to various templates can be controlled at the user-group level, and those groups are aligned with OCI IAM. Aside from the default OCI IAM groups, administrators can also create new user groups directly within MFP and synchronize those groups using Online Administration Tasks.

Example User	OCI IAM Groups	Descriptions
MFP Prod Users	MFP_AUTH_PROD	Grants MFP access to a production environment
MFP Stage Users	MFP_AUTH_STAGE	Grants MFP access to a stage (non-production) environment
Application Administrator	MFP_ADMIN_PROD MFP_ADMIN_STAGE	The administrator will have access to all templates within the application and can schedule Online Administration Tasks.
MFP Planners/MFP Approvers	MFP_USERS MFP_PLANNERS MFP_BUYERS MFP_APPROVERS	MFP user permissions are given by administrators at the template level. Users within each of these groups will only have access to the associated templates.

For a complete list of available groups and more details, refer to the *Oracle Retail Merchandise Financial Planning Cloud Service Administration Guide*.

Demand Forecasting Cloud Service 19.x

Demand Forecasting provides default OCI IAM groups for managing access levels in the application. In RDF, user access to various templates can be controlled at the user-group level, and those groups are aligned with OCI IAM. Aside from the default OCI IAM groups, administrators can also create new user groups directly within RDF and synchronize those groups using.

Example User	OCI IAM Groups	Descriptions
RDF Prod Users	RDF_AUTH_PROD	Grants RDF access to a production environment.
RDF Stage Users	RDF_AUTH_STAGE	Grants RDF access to a stage (non-production) environment.
Application Administrator	RDF_ADMIN_PROD RDF_ADMIN_STAGE	An administrator has access to all templates within the application and can schedule Online Administration Tasks
RDF Analysts/ Managers	RDF_ANALYSTS RDF_MANAGERS	RDF user permissions for non-admin users.

For a complete list of available groups and more details, refer to the *Oracle Retail Demand Forecasting Cloud Service Administration Guide*.

Assortment Planning Cloud Service

Assortment Planning provides default OCI IAM groups for managing access levels in the application. In AP, user access to various templates can be controlled at the user-group level, and those groups are aligned with OCI IAM. Aside from the default OCI IAM groups, administrators can also create new user groups directly within AP and synchronize those groups using.

Example User	OCI IAM Groups	Descriptions
AP Users	AP_AUTH_PROD AP_AUTH_STAGE	Grants AP access to a production or non-prod environment.
Application Administrator	AP_ADMIN_PROD AP_ADMIN_STAGE	An administrator has access to all templates within the application and can schedule Online Administration Tasks.
AP Planners/Approvers	AP_USERS AP_PLANNERS AP_BUYERS AP_APPROVERS	AP user permissions for non-admin users.

For a complete list of available groups and more details, refer to the *Oracle Retail Assortment Planning Cloud Service Administration Guide*.

Retail Integration Cloud Service (RICS)

Assigning Oracle Retail Cloud Service Access

RICS comes available with a set of pre-defined roles, each role is managed as a group in OCI IAM. There is a group for each role for Stage and Prod. If a role is a Stage role, it would be appended with "_PREPROD".

Users can be assigned to different groups dependent on the access requirements for that user.

RICS Role	OCI IAM Groups	Descriptions
Application Administrator	RicsAdminGroup	Access to all operations.
Application Operator	RicsOperatorGroup	Access to all operations except create/update/delete operations. Access to start a Process Flow/Job.
Application Monitor	RicsMonitorGroup	Only able to view information.

Administrator users can change the mappings of Roles, Duties and Privileges in the RICS User Interface. Details about how to manage these application security policies are available in the *RICS Security Guide* available here, https://docs.oracle.com/en/industries/retail/index.html.

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Summary Table - Application-Specific Roles

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
Retail Home	NA	Stage Prod **Note:** PLATFORM_SERVICES_ADMINISTRATOR_ABSTRACT is required by all users who access the Retail Home application. For nonproduction environments, the role names required are suffixed with _PREPROD, for example, RETAIL_HOME_ADMIN_PREPROD.	NA
	NA	RETAIL_HOME_ADMIN and PLATFORM_SERVICES_ADMINISTRATOR	NA
	NA	RH_ROLE_REQUEST_ABSTRACT	NA
	NA	RH_ROLE_REMOVE_ABSTRACT	NA
	NA	DATAPRIV_ADMINISTRATOR_REST_API_ROLE	NA
Process Orchestration and Monitoring (POM)	NA	Stage Prod	NA
	NA	BATCH_VIEWER_JOB	NA
	NA	BATCH_SCHEDULE_CONFIGURATION_MANAGER_JOB	NA
	NA	BATCH_SCHEDULE_ADMINISTRATOR_JOB	NA
	NA	BATCH_ORACLE_AMS_ADMINISTRATOR_JOB	NA
Oracle Analytics Server (OAS)	NA	<tenant ID>-**DVConsumer**	NA
	NA	<tenant ID>-**DVContentAuthor**	NA
	NA	<tenant ID>-**BIConsumer**	NA
	NA	<tenant ID>-**BIContentAuthor**	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
Retail Data Store Cloud Services (RDS)	MFCS_RDS_CUSTOM	NA	NA
	CE_RDS_CUSTOM	NA	NA
	SIOCS_RDS_CUSTOM	NA	NA
	OB_RDS_CUSTOM	NA	NA
	XO_RDS_CUSTOM	NA	NA
	SE_RDS_CUSTOM	NA	NA
Merchandising Cloud Services	NA	Stage Prod	NA
Merchandising Cloud Services -Merchandising	NA	RMS_APPLICATION_ADMINISTRATOR_JOB	NA
Merchandising Cloud Services - Sales Audit	NA	RESA_APPLICATION_ADMINISTRATOR_JOB	NA
Merchandising Cloud Services - Invoice Matching	NA	REIM_APPLICATION_ADMINISTRATOR_JOB	NA
Merchandising Cloud Services - Pricing	NA	PRICING_APPLICATION_ADMINISTRATOR_JOB	NA
Merchandising Cloud Services — Retail Fiscal Management	NA	RFM_APPLICATION_ADMINISTRATOR_JOB	NA
Brand Compliance Management Cloud Service	NA	Stage Prod	ORBC
	RETAILER_ROLE	RGBU_BCCS_%s_Retailer	NA
	EXTERNAL_SYSTEM_ROLE	RGBU_BCCS_%s_ExternalSystem	NA
	AREA_ROLE	RGBU_BCCS_%s_Retailer_%s	NA
	SUPPLIER_ROLE	RGBU_BCCS_%s_Supplier	NA
	ARTWORK_ROLE	RGBU_BCCS_%s_Artwork	NA
	REPORTING_ADMIN_ROLE	RGBU_BCCS_%s_Reports_Admin	NA
	REPORTING_USER_ROLE	RGBU_BCCS_%s_Reports_User	NA
Supplier Evaluation Cloud Service	NA	Stage Prod	ORSE
	RETAILER_ROLE	RGBU_BCCS_%s_Retailer	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
	EXTERNAL_SYSTEM_ROLE	RGBU_BCCS_%s_ExternalSystem	NA
	AREA_ROLE	RGBU_BCCS_%s_Retailer_%s	NA
	SUPPLIER_ROLE	RGBU_BCCS_%s_Supplier	NA
	ARTWORK_ROLE	RGBU_BCCS_%s_Artwork	NA
	REPORTING_ADMIN_ROLE	RGBU_BCCS_%s_Reports_Admin	NA
	REPORTING_READER_ROLE	RGBU_BCCS_%s_Reports_Reader	NA
	REPORTING_USER_ROLE	RGBU_BCCS_%s_Reports_User	NA
Customer Engagement Cloud Service (CECS)	NA	NA	RGBU_CECS_{ENV}
Order Orchestration Cloud Service (OOCS)	NA	NA	ORACLE RETAIL_OBCS_{ENV}
	NA	NA	NA
	NA	OBCS_admin	NA
	NA	OBCS_User	NA
	NA	OBCS_Store_User	NA
	NA	OBCS_Vendor_User	NA
Order Administration Cloud Service	NA	OMCS_User	NA
	NA	OMCS_Admin	NA
	NA	NA	ORACLE RETAIL_OMCS_{ENV}
Xstore Office Cloud Service (XOCS)	NA	User Access	NA
	NA	NA	RGBU_XTROFFCS_{ENV}_XOFFICE
Store Inventory Operations Cloud Service (SIOCS)	NA	NA	ORACLE RETAIL_SIOCS_STAGE_PREPROD_EICS
			ORACLE RETAIL_SIOCS_PROD_EICS.
	NA	All	NA
	NA	Admin	NA
	NA	Batch	NA
	NA	Full Permission	NA
	NA	Global Store User	NA
	NA	Integration	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
	NA	MPS	Na
	NA	Security	NA
	NA	System Operator	NA
	NA	Psraf_users	NA
	NA	retail_home_users	NA
	NA	retail_home_users	NA
AI Foundation Cloud Service	**Advanced Clustering**	CLUSTERING_ADMINISTRATOR_JOB	NA
	Advanced Clustering	MERCHANDISER_JOB	NA
	Advanced Clustering	IN-STORE_MERCHANDISER_JOB	NA
	Affinity Analysis	MARKET_BASKET_ANALYSIS_JOB	NA
	Assortment & Space Optimization	CATEGORY_MANAGER_JOB	NA
	Assortment & Space Optimization	SPACE_PLANNER_JOB	NA
	Assortment & Space Optimization	MERCHANDISING_ANALYST_JOB	NA
	Assortment & Space Optimization	SPACE_ADMINISTRATOR_JOB	NA
	Assortment & Space Optimization	FORECAST_MANAGER_JOB	NA
	Attribute Binning	ATTRIBUTE_BINNING_JOB	NA
	Attribute Extraction	ATTRIBUTE_EXTRACTION_JOB	NA
	Customer Decision Trees, Demand Transference	ANALYTIC_EXPERT_JOB	NA
	Control & Tactical Center	ADMINISTRATOR_JOB	NA
	Customer Segmentation	CUSTOMER_ANALYST_JOB	NA
	Customer Segmentation	CUSTOMER_SEGMENT_ADMINISTRATOR_JOB	NA
	Customer Segmentation	MARKET_ANALYST_JOB	NA
	Data Lake	DATA_LAKE_HUE_ADMIN_JOB	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
	Data Lake	DATA_LAKE_HUE_ANALYST_JOB	NA
	Demand Transference	ASSORTMENT_PLANNER_JOB	NA
	Forecasting	FORECAST_ANALYST_JOB	NA
	Innovation Workbench	DATA_SCIENCE_ANALYST_JOB	NA
	Innovation Workbench	DATA_SCIENCE_ADMINISTRATOR_JOB	NA
	Innovation Workbench	DATA_SCIENCE_ORCL_ADMIN_JOB	NA
	Innovation Workbench	DATA_SCIENCE_OLDS_ADMIN_JOB	NA
	Innovation Workbench	DATA_SCIENCE_OLDS_ANALYST_JOB	NA
	Lifecycle Pricing Optimization	CHATBOT_QNA_VIEW_JOB	NA
	Lifecycle Pricing Optimization	CHATBOT_SERVICE_JOB	NA
	Lifecycle Pricing Optimization	CHATBOT_VIEW_JOB	NA
	Lifecycle Pricing Optimization	TARGETED_OFFER_JOB	NA
	Lifecycle Pricing Optimization	BUYER_JOB	NA
	Lifecycle Pricing Optimization	PRICING_ANALYST_JOB	NA
	Lifecycle Pricing Optimization	PRICING_MANAGER_JOB	NA
	Lifecycle Pricing Optimization	PRICING_ADMINISTRATOR_JOB	NA
	Lifecycle Pricing Optimization	REGULAR_PRICE_JOB	NA
	Profile Science	SIZE_PROFILE_ANALYST_JOB	NA
	Profile Science	SIZE_PROFILE_OPT_JOB	NA
	Return Logistics	RETURN_LOGISTICS_JOB	NA
	Social Analytics	SOCIAL_ANALYTICS_JOB	NA
	Xstore Integration	POSLOGS_SERVICE_JOB	NA
Retail Insights Cloud Service	NA	<tenant ID>-**BIConsumer_JOB**	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
	NA	\<tenant ID\>-**BIAuthors_JOB**	NA
	NA	\<tenant ID\>-**BIAuthorsCustom_JOB**	NA
	NA	\<tenant ID\>-**BIAdministrators_JOB**	NA
	NA	\<tenant ID\>-**BIImpersonate_JOB**	NA
	NA	\<tenant ID\>-**RetailVisualAnalyzer_JOB**	NA
	NA	\<tenant ID\>-**RIApplicationAdministrators_JOB**	NA
	NA	\<tenant ID\>-**AltHierarchyInsights_JOB**	NA
	NA	\<tenant ID\>-**ConsumerInsights_JOB**	NA
	NA	\<tenant ID\>-**CustomerInsights_JOB**	NA
	NA	\<tenant ID\>-**CustomerDetailInsights_JOB**	NA
	NA	\<tenant ID\>-**CustomerLoyaltyInsights_JOB**	NA
	NA	\<tenant ID\>-**CustomerOrderInsights_JOB**	NA
	NA	\<tenant ID\>-**CustomerSegmentInsights_JOB**	NA
	NA	\<tenant ID\>-**EmployeeInsights_JOB**	NA
	NA	\<tenant ID\>-**Flex1Insights_JOB**	NA
	NA	\<tenant ID\>-**Flex2Insights_JOB**	NA
	NA	\<tenant ID\>-**Flex3Insights_JOB**	NA
	NA	\<tenant ID\>-**Flex4Insights_JOB**	NA
	NA	\<tenant ID\>-**FranchiseInsights_JOB**	NA
	NA	\<tenant ID\>-**InventoryInsights_JOB**	NA
	NA	\<tenant ID\>-**PlanningInsights_JOB**	NA
	NA	\<tenant ID\>-**PromotionInsights_JOB**	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
	NA	<tenant ID>-**PurchaseOrderInsights _JOB**	NA
	NA	<tenant ID>-**SalesInsights_JOB**	NA
	NA	<tenant ID>-**ScienceInsights_JOB**	NA
	NA	<tenant ID>-**SupplierInsights_JOB**	NA
	NA	<tenant ID>-**RetailAnalysts_JOB**	NA
	NA	<tenant ID>-**TenderInsights_JOB**	NA
	RI Application Administrator	<tenant ID>-BIConsumer_JOB	NA
		<tenant ID>-BIAuthor_JOB	
		<tenant ID>-RIApplicationAdministrat or_JOB	
		<tenant ID>-DVContentAuthor	
		<tenant ID>-RetailAnalysts_JOB	
		RETAIL_HOME_ADMIN	
	Junior Merchandiser	<tenant ID>-BIConsumer_JOB	NA
		<tenant ID>-BIAuthor_JOB	
		<tenant ID>-DVContentAuthor	
		<tenant ID>-SalesInsights_JOB	
		<tenant ID>-InventoryInsights_JOB	
		<tenant ID>-SupplierInsights_JOB	
	NA	RI_EXEC_CATALOG_JO B	NA
	NA	RI_STORE_CATALOG_J OB	NA
	NA	RI_AUDIT_CATALOG_J OB	NA
	NA	RI_COMM_CATALOG_J OB	NA
	NA	RI_FINANCE_CATALOG _JOB	NA
	NA	RI_IT_CATALOG_JOB	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
	NA	RI_MARKETING_CATALOG_JOB	NA
	NA	RI_OPERATIONS_CATALOG_JOB	NA
	NA	RI_SUPPLY_CHAIN_CATALOG_JOB	NA
Inventory Planning Optimization Cloud Service	IPO Prod Users	IPO_AUTH_PROD	NA
	IPO Stage Users	IPO_AUTH_STAGE	NA
	Application Administrator	IPO_ADMIN_PROD IPO_ADMIN_STAGE	NA
	Configuration Administrator	ADMINISTRATOR_JOB ADMINISTRATOR_JOB_PREPROD	NA
	IPO Inventory Analyst	INVENTORY_ANALYST_JOB INVENTORY_ANALYST_JOB_PREPROD	NA
	IPO Forecast Administrator/ Forecast Analyst/ Supply Chain Administrator/IPO Supply Chain Analyst	IPO_FORECASTADMIN, IPO_FORECASTANALYST, IPO_SUPPLYCHAINADMIN, IPO_SUPPLYCHAINANALYST	NA
Inventory Planning Cloud Service	IP Inventory Plan Viewers	IP_INVENTORY_PLAN_VIEWER	NA
	IP Inventory Plan Editors	IP_INVENTORY_PLAN_EDITOR	NA
	IP System Administrators	IP_SYSTEM_ADMINISTRATOR	NA
	IP DV Viewer	IP_DV_VIEWER	NA
Planning and Optimization Cloud Service	NA	PLATFORM_SERVICE_ADMINISTRATOR_ABSTRACT PLATFORM_SERVICE_ADMINISTRATOR_ABSTRACT_PREPPROD RPAS_WS_ADMIN RPAS_ORDS_GROUP	NA
	NA	{APP}_AUTH_{ENV}	NA
	NA	{APP}_ADMIN_{ENV}	NA
	NA	**Note:** For non-prod environments, refer to the Planning and Optimization Cloud Services section.	NA

Application Module	Example User	Roles/Groups OCI IAM Domains	Application Name
Planning and Optimization Cloud Services - Merchandise Financial Planning	MFP Prod Users	MFP_AUTH_PROD	NA
	MFP Stage Users	MFP_AUTH_STAGE	NA
	Application Administrator	MFP_ADMIN_PROD MFP_ADMIN_STAGE	NA
	MFP Planners/MFP Approvers	MFP_USERS MFP_PLANNERS MFP_BUYERS MFP_APPROVERS	NA
Planning and Optimization Cloud Services : Demand Forecasting	RDF Prod Users	RDF_AUTH_PROD	NA
	RDF Stage Users	RDF_AUTH_STAGE	NA
	Application Administrator	RDF_ADMIN_PROD RDF_ADMIN_STAGE	NA
	RDF Analysts/ Managers	RDF_ANALYSTS RDF_MANAGERS	NA
Planning and Optimization Cloud Services : Assortment Planning	AP Users	AP_AUTH_PROD AP_AUTH_STAGE	NA
	Application Administrator	AP_ADMIN_PROD AP_ADMIN_STAGE	NA
	AP Planners/ Approvers	AP_USERS AP_PLANNERS AP_BUYERS AP_APPROVERS	NA
Retail Integration Cloud Service (RICS)	NA	Prod Stage	NA
	Application Administrator	RicsAdminGroup	NA
	Application Operator	RicsOperatorGroup	NA
	Application Monitor	RicsMonitorGroup	NA

11
Acronyms / Definitions

Acronym	Definition
CN / CNE	Cloud Native Engineering
RPT	Oracle Retail automated Provisioning Tool
DevOps	Combined team consisting of Developers and Operations specialists
CSM	Customer Success Management
SLA	Service Level Agreement
SO	System Owner
SOP	Standard Operating Procedure