Oracle® Retail Insights Cloud Service
Administration Guide

Release 23.1.101.0

F76247-01

January 2023

ORACLE®

Oracle Retail Insights Cloud Service Administration Guide, Release 23.1.101.0

F76247-01

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Oracle Retail Insights Cloud Service Administration Guide, Release 23.1.101.0

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Preface

This guide describes the administration tasks for Oracle Retail Insights Cloud Service.

Audience

This guide is intended for administrators.

This guide describes the administration tasks for Oracle Retail Insights Cloud Service.

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- Product version and program/module name
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- Exact error message received
- Screen shots of each step you take

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To more quickly address critical corrections to Oracle Retail documentation content, Oracle Retail documentation may be republished whenever a critical correction is needed. For critical corrections, the republication of an Oracle Retail document may at times not be attached to a numbered software release; instead, the Oracle Retail document will simply be replaced on the Oracle Technology Network Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

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

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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 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.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1
Administrative Tasks

This document captures key information needed to administer Retail Insights, such as user and group details in IDCS or OCI IAM. For information regarding standard end user activities like creating and viewing reports, please see the *Oracle Retail Insights User Guide*.

Retail Analytics and Planning

As part of the Retail Analytics and Planning cloud services, Retail Insights shares many common components, tools, and processes with other applications like AI Foundation Cloud Services. The *Retail Analytics and Planning Administration Guide* covers these shared areas in greater detail as they apply to all solutions. If you are implementing the Retail Insights or AI Foundation Cloud Services, begin with those RAP level documents and return here only as needed for Retail Insights-specific content.

Retail Insights Cloud Services Enterprise Roles

Retail Insights Cloud Service leverages Oracle Cloud Infrastructure Identity and Access Management (OCI IAM), which is Oracle's cloud-native security and identity platform. For information on Oracle Retail's authentication policies and setup information, refer to the Oracle Retail Identity Management for OCI IAM Startup Guide.

Unlike previous-generation architecture, the RI, OAS, and DV group names are prefixed with a unique tenant ID that is specific to your cloud service. This is necessary because the same Oracle Analytics platform can be shared across multiple Oracle Retail solutions now, and you may also have multiple OAS instances on one IAM (such as Dev, Stage, and Prod environments), so the groups must be unique to each environment. The tenant ID is a long string of characters like this:

bd835fj48ffj3lwisda4h

The role names may look like this:

bd835fj48ffj3lwisda4h-BIConsumer_JOB

The following RI application roles and OCI IAM groups are available:

Table 1-1   Retail Insights Cloud Services Default Enterprise Roles

Application Module	Enterprise Roles (OCI IAM Groups)	Corresponding Application Roles
RI	<tenant ID>-AltHierarchyInsights_JOB	AltHierarchyInsights
RI	<tenant ID>-ConsumerInsights_JOB	ConsumerInsights
RI	<tenant ID>-CustomerInsights_JOB	CustomerInsights
RI	<tenant ID>-CustomerDetailInsights_JOB	CustomerDetailInsights
RI	<tenant ID>-CustomerLoyaltyInsights_JOB	CustomerLoyaltyInsights

Table 1-1   (Cont.) Retail Insights Cloud Services Default Enterprise Roles

Application Module	Enterprise Roles (OCI IAM Groups)	Corresponding Application Roles
RI	<tenant ID>-CustomerOrderInsights_JOB	CustomerOrderInsights
RI	<tenant ID>-CustomerSegmentInsights_JOB	CustomerSegmentInsights
RI	<tenant ID>-EmployeeInsights_JOB	EmployeeInsights
RI	<tenant ID>-Flex1Insights_JOB	Flex1Insights
RI	<tenant ID>-Flex2Insights_JOB	Flex2Insights
RI	<tenant ID>-Flex3Insights_JOB	Flex3Insights
RI	<tenant ID>-Flex4Insights_JOB	Flex4Insights
RI	<tenant ID>-FranchiseInsights_JOB	FranchiseInsights
RI	<tenant ID>-InventoryInsights_JOB	InventoryInsights
RI	<tenant ID>-PlanningInsights_JOB	PlanningInsights
RI	<tenant ID>-PromotionInsights_JOB	PromotionInsights
RI	<tenant ID>-PurchaseOrderInsights_JOB	PurchaseOrderInsights
RI	<tenant ID>-SalesInsights_JOB	SalesInsights
RI	<tenant ID>-SupplierInsights_JOB	SupplierInsights
RI	<tenant ID>-RetailAnalysts_JOB	RetailAnalyst
RI	<tenant ID>-TenderInsights_JOB	TenderInsights
RI	PLATFORM_SERVICES_ADMINISTRATOR_ABSTRACT	Assign to all users accessing Retail Home to see tiles or links to RI
POM	PROCESS_SERVICE_ADMIN_JOB	POM Business Role
POM	BATCH_SCHEDULE_ADMINISTRATOR_JOB	POM Batch Admin Role
RH	PLATFORM_SERVICES_ADMINISTRATOR	Retail Home/BI Integration Admin (Integrate RI with RH APIs)
IW	DATA_SCIENCE_ADMINISTRATOR_JOB	Administer the Innovation Workbench/APEX workspace
IW	DATA_SCIENCE_OLDS_ADMIN_JOB	Administer the Innovation Workbench Python notebooks

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 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 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 generic user-defined attributes.

The other groups listed are commonly used for Retail Insights customer administration users (depending on the other applications you administer). The Retail Home groups should be granted to any user that will be maintaining Retail Home dashboards, notifications, label customizations, or cross-application task menus. The POM groups

should be granted to any user involved in monitoring or modifying the batch schedules for nightly and on-demand processes. The Innovation Workbench roles must be given to any user responsible for controlling access to APEX, including for custom apps and integrations.

Additionally, the following Oracle Analytics groups are used in combination with the RI application groups above. Assign a combination of these roles depending on the level of access to OAS functionality required for each user. For example, a local systems administrator could be granted all of the roles in this table, and the permissions will be additive.

Table 1-2   Retail Insights Cloud Services OAS Roles

Application Module	Enterprise Roles/IDCS or OCI IAM Groups	Permissions Level
ORMI/ORCI	<tenant ID>-BIConsumer_JOB	Ability to view content created by others. Cannot create new content.
ORMI/ORCI	<tenant ID>-BIAuthors_JOB	Ability to create and share new content, including analyses, dashboards, data visualizer projects, and XLS uploads to DV.
ORMI/ORCI	<tenant ID>-RIApplicationAdministrators_JOB	Customer administrator responsible for creating and maintaining Agents, BI Publisher jobs, and Catalog permissions.
Data Visualization	<tenant ID>-RetailVisualAnalyzer_JOB	Grants direct access to the Data Visualization (DV) module in OAS, without granting access to any functional modules in RI itself.

Assign the above roles to the user following the steps mentioned in the previous section as per your requirement. The table below describes some common user types and the associated roles they could be granted for RI access.

Table 1-3   Retail Insights Cloud Services User Examples

Example User	Enterprise Roles/IDCS or OCI IAM Groups	Description
RI Administrator Super-User	bd835fj48ffj3lwisda4h-BIConsumer_JOB bd835fj48ffj3lwisda4h-BIAuthors_JOB bd835fj48ffj3lwisda4h-RIApplicationAdministrator_JOB bd835fj48ffj3lwisda4h-RetailAnalysts_JOB	This user has access to all functional areas in RI and will have the ability to manage Agents and modify and delete objects in the /Shared Folders/Custom/ space in the catalog.
Merchandisers	bd835fj48ffj3lwisda4h-BIConsumer_JOB bd835fj48ffj3lwisda4h-BIAuthors_JOB bd835fj48ffj3lwisda4h-SalesInsights_JOB bd835fj48ffj3lwisda4h-InventoryInsights_JOB bd835fj48ffj3lwisda4h-SupplierInsights_JOB	This user has access to the Sales, Inventory, and Supplier areas in RI, which are typically required for merchandisers and buying teams.

Table 1-3   (Cont.) Retail Insights Cloud Services User Examples

Example User	Enterprise Roles/IDCS or OCI IAM Groups	Description
Store Managers	bd835fj48ffj3lwisda4h-BIConsumer_JOB bd835fj48ffj3lwisda4h-RetailAnalysts_JOB	This user has read-only access to RI, meaning they can run any report shared with them but cannot create content themselves.

> ✏ **Note:**
>
> For additional information, see Appendix: Roles and Permission Grants.

Nightly Batch File Uploads

The following is the SFTP file upload process for Retail Insights in our 1st Generation architecture. If you using our 2nd Generation architecture, then you will not use SFTP, all files are uploaded to Object Storage. Refer to the *Retail Analytics and Planning Administration Guide* for more information.

The Private/Public Keys must be generated and the Public Key must be associated with your SFTP Account for the file uploads. The Adding Authorized Keys section describes the step-by-step method to generate the Keys (2048 bit RSA Keys).

Adding Authorized Keys

The following is the process to generate a 2048 bit RSA key and add the same to the SFTP server. This is done with the help of WinSCP tool on Windows. However the same can be done using ssh-keygen on Linux as well.

1. Launch WinSCP and select Tools -> Run PuttyGen.

2. Select "SSH-2 RSA" for the type of key to generate and enter "2048" for the number of bits in a generated key field and click **Generate**.

Figure 1-1   Key Generator
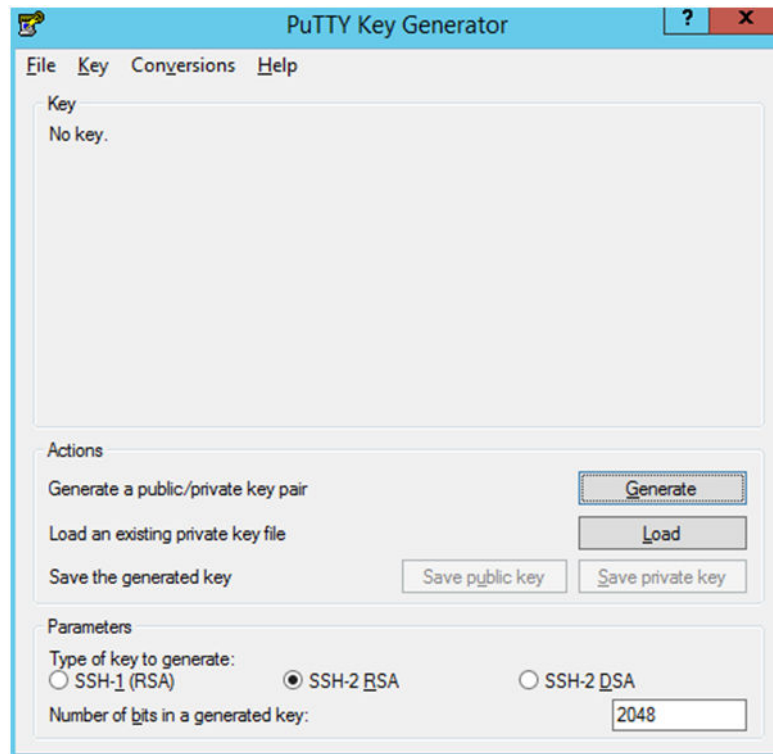
3. Move the mouse over the blank space in the window until the key is generated.

Figure 1-2   Key Generator Progress
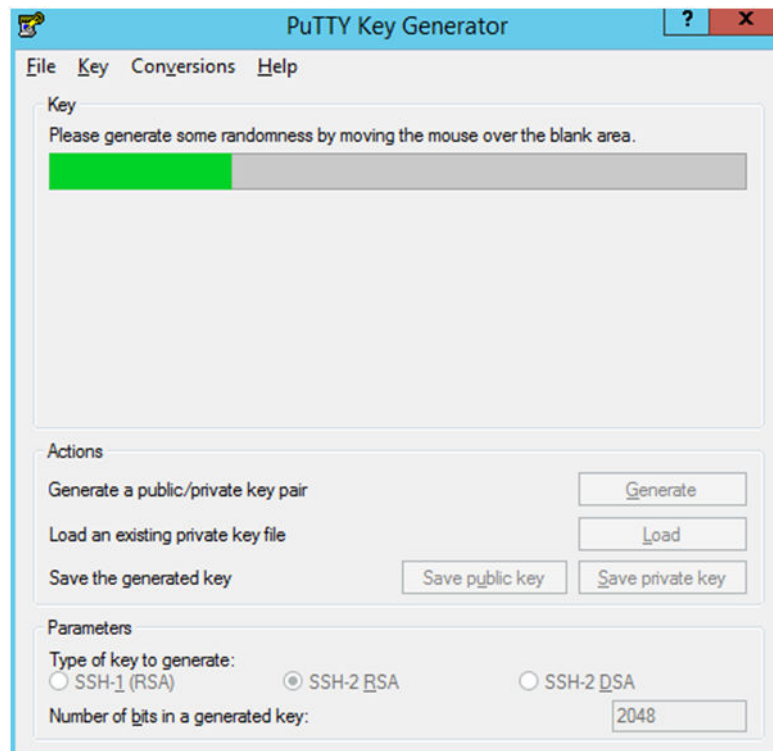
4. Once the key is generated, click the **Save public key** button to save the public key to a file.

5. Click the **Save private key** button to save the Private key to a file. Confirm to save it with/without a passphrase.

6. Open an SR with Oracle Support, to associate the Public half of the Key with your SFTP account (attach the Key with the SR).

Steps – Login to WinSCP

The Upload steps uses the private key generated in the earlier section.

1. Launch WinSCP and connect to <SFTP Server> using port 22.

2. Enter the username and click **Advanced**.

3. Click **Authentication**.

4. In the Private Key File field, click the **Browse** button and select the private key created in the earlier section.

Figure 1-3   Advanced Site Settings Dialog
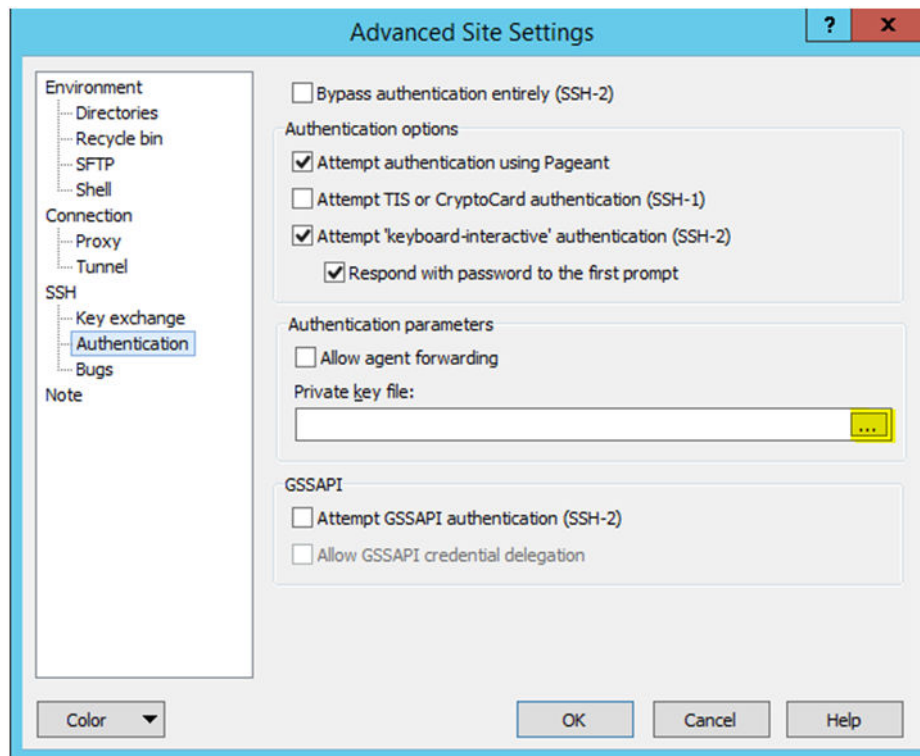
5. After loading the private key file, click **OK**.

Figure 1-4   Private Key File Loaded
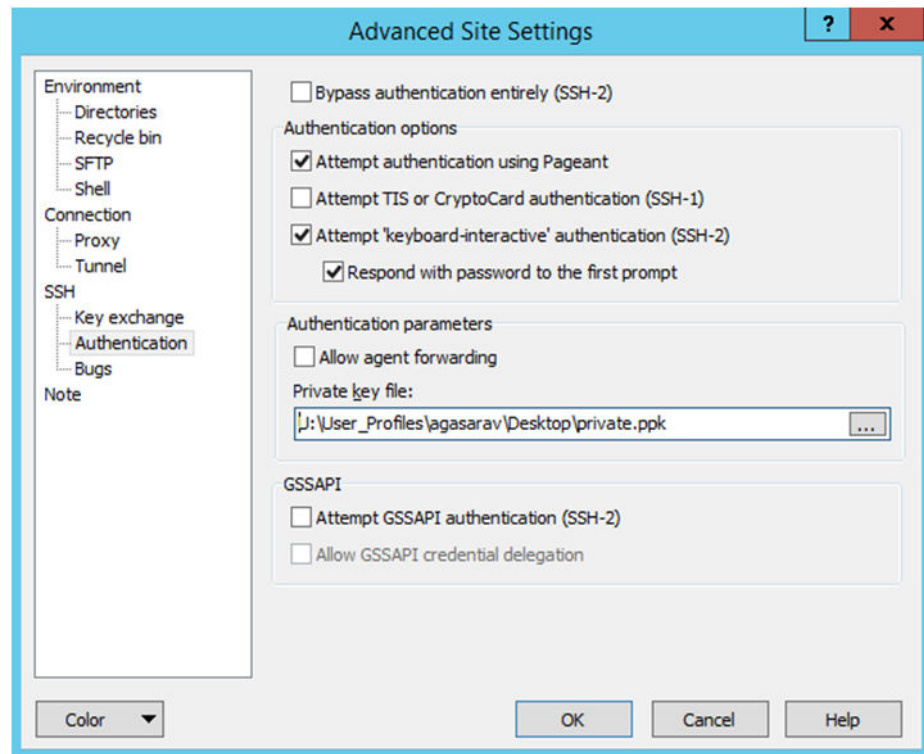
6. Click **Login**. The window does not prompt for a password and logs into the SFTP server. Provide a passphrase if one has been set up.

Steps to Upload the Batch File

Login to the WinSCP by Following the Steps – Login to WinSCP section.

1. Transfer all data files to the directory /<SFTP User>.

2. Create a directory called COMMAND under /<SFTP User>if it does not already exist.

3. Change to the /<SFTP User>/COMMAND directory.

4. Transfer an empty file called COMPLETE.

Export File Downloads

Login to the WinSCP by following the Steps – Login to WinSCP section. The following is the download file process.

1. Change directory to /<SFTP User>/EXPORT.

2. Download all data files.

Creating Exports Using BI Publisher

In our 1st Generation architecture, RI application administrators may take advantage of the BI Publisher module in OAS to generate data files and reports on the SFTP server. Such files

would be made available in the EXPORT directory as described above. If you are using Object Storage in the 2nd Generation architecture, this feature is not currently available.

The steps to instruct BI Publisher to send a file to SFTP are as follows:

1. Create a Data Model in OAS and setup the desired queries and datasets that will feed your export file.

Figure 1-5   SampleExtract_DM
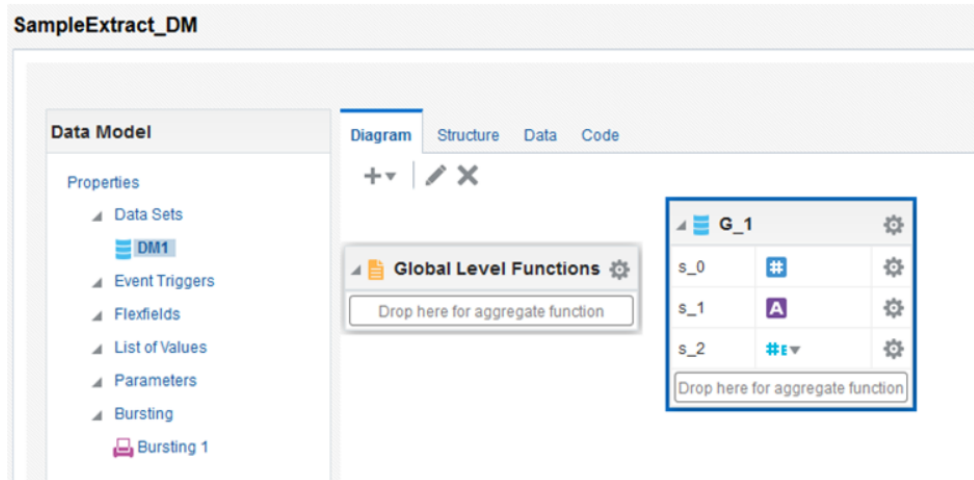
2. Select the Bursting option from the list of properties in the left pane of the Data Model, and add a new bursting query.

Figure 1-6   Bursting Option
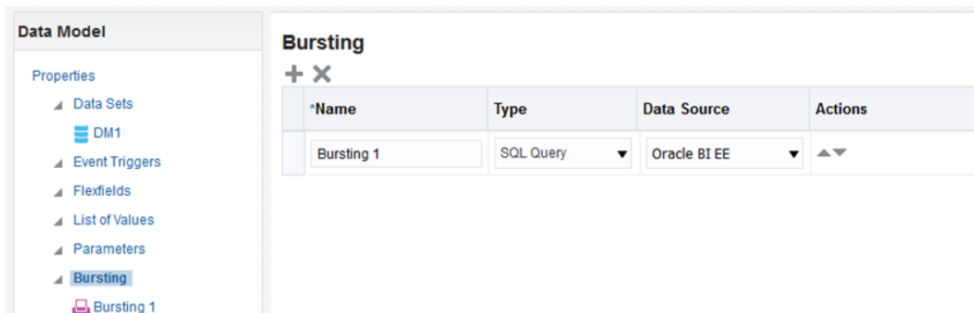
3. Select SQL Query as the Type, and Oracle BI EE as the Data Source.

4. Select the bursting object from the left pane to add a query to it. Below is a sample query which is used to create a CSV file:

```
select 0 as "KEY",
    'SampleExtract_Rep' TEMPLATE,
    'en-US' LOCALE,
    'CSV' OUTPUT_FORMAT,
    'FILE' DEL_CHANNEL,
    VALUEOF("SFTP_PATH") PARAMETER1,
    'SampleExtract.csv' PARAMETER2
from "Retail Insights As-Is"
```

Figure 1-7   Bursting Query

5. Continue to define the rest of the BI Publisher objects (Reports and Jobs) following standard OAS procedure. When a Report Job is executed for this Data Model, it will use the values in the bursting query to create the file and write it to the export directory on the SFTP server.

   For more information on Bursting queries, refer to the *Oracle Fusion Middleware Data Modeling Guide for Oracle Business Intelligence Publisher*:

   https://docs.oracle.com/middleware/12213/bip/BIPDM/toc.htm

Resource Bundles

All Oracle Retail applications come packaged with resource bundles, files that contain text resources. These text resources appear throughout the Oracle Retail application as instructions, messages, labels, errors, virtually any text that appears in the application comes from a resource bundle.

Many Oracle Retail applications support the ability for retailers to customize the text that appears in the Oracle Retail application to better match that retailer's business language. The capability to change the text for a resource is provided through the Resource Bundles area of Retail Home. Retailers can customize text resources for any Oracle Retail supported language.

Resources and Customizations Explained

All text resources in the Oracle Retail application have the following values:

- Base Application Code - This value identifies the Oracle Retail application that owns this text resource.

- Language - This value identifies the language of the text resource.

- Bundle - This value identifies the bundle file where this text resource resides.

- Resource - This value is the unique name that can be used to get the text for this resource.

- Base Text - This value is the text provided by the Oracle Retail application. This is the text that will appear in the application by default.

Every text resource in Oracle Retail applications is uniquely identified by the combination of Application Code, Language, Bundle, and Resource.

A resource customization is a change that a retailer made to the text of a resource. In addition to the values above, customizations also have the following values:

- Current Text - This is the text that will actually appear in the Oracle Retail application. If a retailer has provided custom text for the resource, then this value will display the retailer's custom text. Otherwise, it will display the base text provided by the Oracle Retail application.

Task Flows

The Resource Bundles area of Retail Home consists of the following task flows:

- Resource Text Strings
- Imports Management

Resource Text Strings

From the Retail Home lower-left hand Settings menu, the user can access the Resource Bundles link. The Resource Text Strings screen provides the capability to customize the resources present in the resource bundles in an application. The user can search the resources in the application using the Bundle, Language, Resource, Contains Custom Text, or Text fields.

Figure 1-8   Resource Text Strings Screen
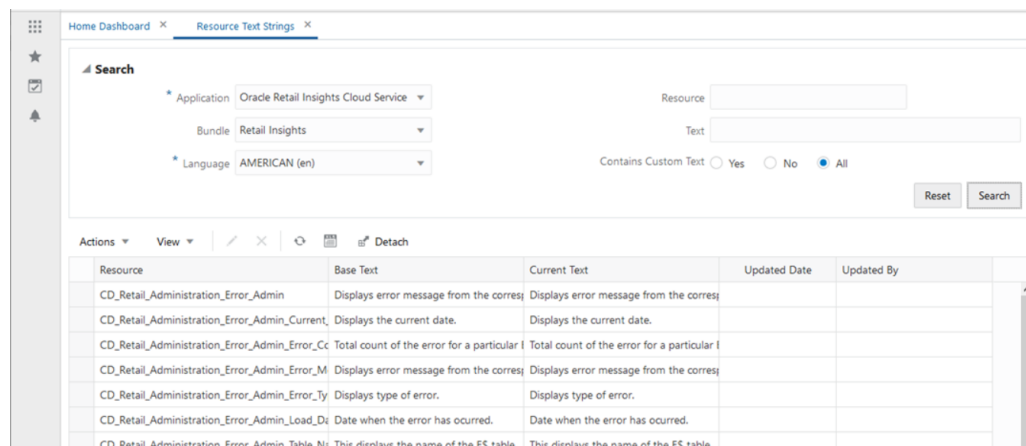
The results table in the Resource Text Strings screen will display the Resource, Base Text, Current Text, Contains Custom Text, Updated Date, and Updated By columns for the resources matching the entered search criteria. If there is a custom value present for a resource, it will be displayed in the Text column along with the date and the user who customized that entry. The Contains Custom Text column will display Yes if a custom value is present for a resource. If there is no custom value present for a resource, the Text column will display the base text and the Updated Date and Updated By columns will be displayed empty. The Contains Custom Text column will display No in this scenario. The user can view, add, edit, or remove custom text for a resource using this screen.

The user can also export the results table to an Excel CSV file using this screen. The export action allow the user to modify custom text for many resources at one time, and upload all the custom values in a single action in Imports Management.

Figure 1-9   Edit or Remove Custom Text
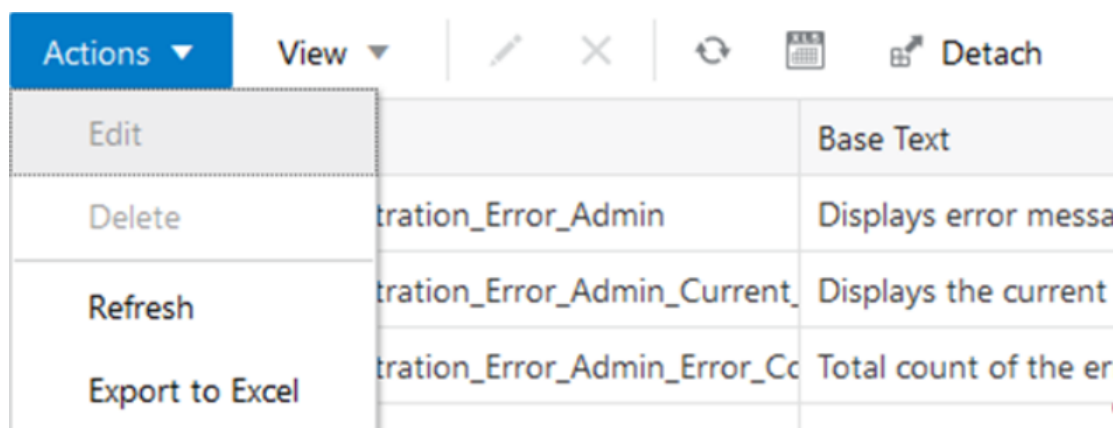
Edit

The user can add or edit the custom text for a resource using the Edit menu item or the pencil icon. If no custom text is present for a resource, a new custom text will be added. If a custom text is already present for a resource, it will be modified. The Updated Date and Updated By columns will be changed to reflect the addition or modification. The Edit option opens up a popup showing the resource, its base text and editable custom text. Only one record can be edited at a time in a popup. If more than one record or no record is selected, a warning is displayed to the user. The Edit popup can also be opened by double clicking a record on the results table.

Figure 1-10   Edit Resource Text Screen

Remove Customization

The user can remove the custom text for one, many or all the selected resources using the Remove Customization menu item or the cross icon. The user can select a single or multiple records and remove custom values for the records. The Remove Customization option will give a confirmation warning message before the custom text is removed for the selected records. The base text is not impacted by the Remove Customization operation.

Figure 1-11   Delete Custom Text Confirmation Pop-up

Export to Excel

The user can export the details of the resources from the results table to an Excel CSV file. When the user selects the Export to Excel action, the browser will perform its download behavior. Depending on the user's browser preferences, the browser may prompt the user asking whether the exported file should be opened or saved, what program should be used to open the file, or where on the user's computer the file should be saved. Exporting a large number of strings may take some time to complete, during which time the browser may remain in an active/processing state.

Importing Customizations from a CSV File

The user can change the values in the Text column of an exported CSV, and then import the CSV file from the Imports Management screen. When the user does this, the values of the Text column are imported into the custom text of each newly customized resource. The user can customize multiple rows with a single action by importing a file which contains multiple customized rows. Importing a file that has not been modified will do nothing, since the text for each resource is already exactly the same in Retail Home the Oracle Retail application.

The imported file must meet the following assumptions for the import to succeed:

- The imported file must be a well-formed CSV file. The user can use any compatible program to edit the exported CSV file, as long as the program is able to read the CSV file and save it again in CSV format.

- The user should only edit values in the Text column. If the user edits any of the values in the Base Application Code, Language, Bundle, or Resource columns, the import may fail, or invalid customizations may be created.

- The user can only add or edit customizations in the import. The user cannot remove customizations using import. Deleting the contents of the Text field or copying the Source Text into the Text field will cause the row to be ignored.

- The size of the imported file is limited to 2000 KB. Users will not be allowed to upload a file larger than this.

From the Import Management screen, select the relevant application code and click the Create action. When the user selects the Create file action, a popup opens prompting the user to select a file to import.

Figure 1-12   Import CSV File Pop-up
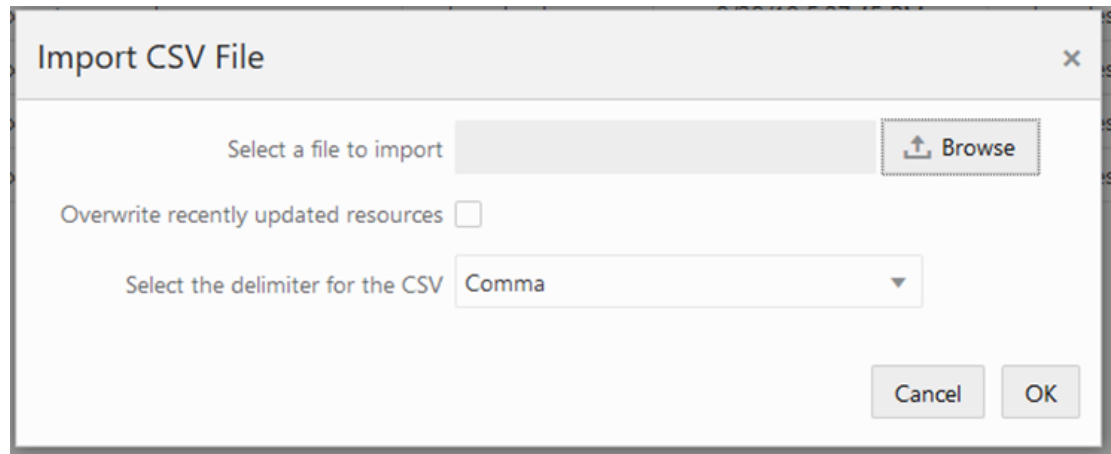
It is possible that, after a user exports resources to a CSV file, but before the user imports the file into Retail Home, another user may go to Retail Home and customize one or more of the exported resources. In this case, the values of resources in Retail Home would be newer than the values in the exported file. In order to ensure that an import does not inadvertently overwrite these values, the import action will skip resources that have been recently updated in Retail Home, and notify the user. The user can tell the import to instead use the values from the imported file by selecting the "Overwrite recently updated resources" checkbox on the import pop-up.

Data Visualization Usage

All implementations of AI Foundation and Retail Insights include Oracle Data Visualization (DV) as a tool for custom analytics and reporting. Administrators should be aware of how DV is maintained as part of your Oracle Cloud environments so that you can manage user-created content and access permissions in the tool.

Accessing the Application

The URL to access the DV application is below, where xxx and yyy are the specific identifiers for your environment.

https://xxx-yyy-rsi-ris.oracleindustry.com/dv/?pageid=home

Permission to access DV can be granted through IDCS or OCI IAM using the group DVContentAuthor. DV access is also granted automatically if you have certain Retail Insights groups assigned, such as BIAuthors_JOB or RIApplicationAdministrator_JOB.

Managing User Content

User-created content comes in several forms and each type of content is managed separately, as defined below.

Table 1-4   DV User Content

Object Type	Usage
Projects	DV reports and analyses are saved as Project files in the Oracle Analytics Catalog. In Oracle Retail cloud solutions, you may only use two assigned folders in the catalog: **/My Folders/** and **/ Shared Folders/Custom/**. You must not save or modify projects in any other location, as these two folders are the only ones designated for backup between upgrades/patches.
	Projects have their own permissions assigned and are not granted to anyone but the owner by default. The owner must grant the object to administrators if you want them to be centrally managed.
Datasets	Users can create datasets by uploading Excel spreadsheets or by querying pre-defined database connections.
	Datasets have their own permissions assigned and are not granted to anyone but the owner by default. The owner must grant the object to administrators if you want them to be centrally managed.
Connections	Database connections are managed by Oracle at this time, end users are not expected to create or modify these objects.
Data Flows	Data flows are used to combine multiple datasets or perform complex transformations and data mining algorithms. Data flows cannot be seen or administered by anyone but the object owner.
Jobs and Schedules	Data flows are executed using Jobs, which can also be scheduled to run periodically. Only the data flow owner can modify jobs and the associated schedules, even though the jobs are visible to other users.

A

Appendix: Roles and Permission Grants

Application roles control access to metadata objects, such as subject areas, tables, and columns. For example, certain Retail Insights Cloud Service roles may not have access to view certain presentation tables. Metadata object security is configured in the Oracle BI Repository, using the Oracle BI Administration Tool. The Everyone user group is denied access to some of the presentation tables and only related roles have explicit read access. This access can be extended to subject areas and columns.

> **Note:**
>
> By default in Oracle Analytics, only Retail Insights Cloud Service permissions at the presentation tables and dashboard level have been configured. Dashboard permissions are not specific to business roles, but rather they are hidden from normal business users to prevent confusion over base content versus custom content.

Roles and Permission Grants

The following table shows the dashboards that are accessible for the specific roles assigned to a user. A user can have more than one role assigned to them; the role permissions are additive.

Presentation Table(s)	AltHierarchy Insights	Consumer Insights	Customer Detail Insights	Customer Insights	Customer Loyalty Insights	Customer Order Insights	Customer Segment Insights	Employee Insights	Flex 1 Insights	Flex 2 Insights	Flex 3 Insights	Flex 4 Insights	Franchise Insights	Inventory Insights	Planning Insights	Promotion Insights	Purchase Order Insights	RIApplication Administrator	Sales Insights	Science Insights	Supplier Insights	Tender Insights
Allocation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Business Calendar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Buyer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Category Management Group	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Clearances	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Clusters	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Comp Store	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Consumer	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Consumer Segment	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Presentation Table(s)	AltHierarchy Insights	Consumer Insights	Customer Detail Insights	Customer Insights	Customer Loyalty Insights	Customer Order Insights	Customer Segment Insights	Employee Insights	Flex 1 Insights	Flex 2 Insights	Flex 3 Insights	Flex 4 Insights	Franchise Insights	Inventory Insights	Planning Insights	Promotion Insights	Purchase Order Insights	RIApplication Administrator	Sales Insights	Science Insights	Supplier Insights	Tender Insights
Coupon	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Customer	No	No	Yes*	Yes*	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Behavior	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No
Customer Household	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Loyalty Account	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Loyalty Activity	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Loyalty Award Activity	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Loyalty Program	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order Fulfillment	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order Origin Channel	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order Promotion Transaction	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order Status Fact	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order Submit Channel	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Presentation Table(s)	AltHierarchy Insights	Consumer Insights	Customer Detail Insights	Customer Insights	Customer Loyalty Insights	Customer Order Insights	Customer Segment Insights	Employee Insights	Flex 1 Insights	Flex 2 Insights	Flex 3 Insights	Flex 4 Insights	Franchise Insights	Inventory Insights	Planning Insights	Promotion Insights	Purchase Order Insights	RIApplication Administrator	Sales Insights	Science Insights	Supplier Insights	Tender Insights
Customer Order Tender Type	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Order Transaction	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Segment	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Segment Allocation	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Customer Segment Loyalty Score	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Employee	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Error Administration	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No
From Organization	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Fulfillment Organization	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Gift Card Sales	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Gregorian Calendar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inventory Adjustment	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Inventory Position	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Inventory Receipts	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Inventory Transfer	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Inventory Unavailable	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Item	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Markdown	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Market Item	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Presentation Table(s)	AltHierarchy Insights	Consumer Insights	Customer Detail Insights	Customer Insights	Customer Loyalty Insights	Customer Order Insights	Customer Segment Insights	Employee Insights	Flex 1 Insights	Flex 2 Insights	Flex 3 Insights	Flex 4 Insights	Franchise Insights	Inventory Insights	Planning Insights	Promotion Insights	Purchase Order Insights	RIApplication Administrator	Sales Insights	Science Insights	Supplier Insights	Tender Insights
Net Cost	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Net Profit	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Organization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Organization Customers	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Plan 1	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Plan 2	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Plan 3	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Plan 4	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Plan Forecast 1	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Plan Forecast 2	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Pricing	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Product Org Attributes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Promotion	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Promotion Actuals	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Promotion Baseline	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Promotion Budget	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Promotion Forecast	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
POS Sales	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	No	No
Purchase On Order	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
Purchase Order	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
Purchase Type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reason	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Related Item	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Retail Discount Type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Presentation Table(s)	AltHierarchy Insights	Consumer Insights	Customer Detail Insights	Customer Insights	Customer Loyalty Insights	Customer Order Insights	Customer Segment Insights	Employee Insights	Flex 1 Insights	Flex 2 Insights	Flex 3 Insights	Flex 4 Insights	Franchise Insights	Inventory Insights	Planning Insights	Promotion Insights	Purchase Order Insights	RIApplication Administrator	Sales Insights	Science Insights	Supplier Insights	Tender Insights
Retail Flex Fact 1	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
Retail Flex Fact 2	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No
Retail Flex Fact 3	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No
Retail Flex Fact 4	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No
Retail Sales Promo Trx ID	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Retail Transaction Code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Retail Type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Retailer To Franchise	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
Return To Vendor	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
Sales	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Sales Consignment	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Sales Extension	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Sales Discount	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Sales Pack	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Sales Promotion	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No
Season Phase Planning	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Selling Organization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shipment Method	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Shipment Type	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Presentation Table(s)	AltHierarchy Insights	Consumer Insights	Customer Detail Insights	Customer Insights	Customer Loyalty Insights	Customer Order Insights	Customer Segment Insights	Employee Insights	Flex 1 Insights	Flex 2 Insights	Flex 3 Insights	Flex 4 Insights	Franchise Insights	Inventory Insights	Planning Insights	Promotion Insights	Purchase Order Insights	RIApplication Administrator	Sales Insights	Science Insights	Supplier Insights	Tender Insights
Stock Count	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
Stock Count Perpetual	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
Stock Count Systemic	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
Stock Ledger	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	Yes	No	No	No
Store Traffic	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
Substitute Item	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Supplier	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Supplier Compliance	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Supplier Invoice	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
Tender Type	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Time of Day	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Touch Point	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Trade Area	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Transaction Tender	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
Transfer Status	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No
Transfer Status Detail	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No
Trial and Repeat	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Unit Cost	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No

B

Appendix: Application Privileges

Application privileges determine what features and functionality in OAS are available to an application role. Retail Insights grants privileges to different tiers of application roles to allow a business to restrict access to parts of the application that they do not want users to see.

Privileges Granted By Role

The table below shows the privileges that are granted for the specific roles assigned to a user. Roles generally have different levels of access, in the following order:

- BI Consumer (low-level role, limited access to functionality)

- BI Author (mid-level role, has access to most functionality)

- RI Application Administrator (high-level role, intended for business admins and power-users)

- BI Administrator (system role, restricted access)

Multiple roles can be granted to a single user, as all privileges are additive.

> ✎ **Note:**
>
> Role assignments with an asterisk (*) have the specified privilege only within the Shared Folders > Custom location within the RI catalog. This folder is provided specifically for custom business objects that will be created and maintained by the RI Application Administrators.

Table B-1   Application Privileges

Privilege Group	Description	Assigned Role
Access	Access to Dashboards	BI Consumer Role
	Access to Answers	BI Consumer Role
	Access to BI Composer	BI Author Role
	Access to Delivers	BI Consumer Role
	Access to Briefing Books	BI Consumer Role
	Access to Mobile	BI Consumer Role
	Access to Administration	BI Administrator Role
	Access to Segments	BI Consumer Role
	Access to Segment Trees	RI Application Administrator
	Access to List Formats	RI Application Administrator
	Access to Metadata Dictionary	BI Administrator Role

Table B-1   (Cont.) Application Privileges

Privilege Group	Description	Assigned Role
	Access to Oracle BI for Microsoft Office	BI Consumer Role
	Access to Oracle BI Client Installer	BI Consumer Role
	Catalog Preview Pane UI	BI Consumer Role
	Access to Export	BI Consumer Role
	Access to KPI Builder	BI Author Role
	Access to Scorecard	BI Consumer Role
Actions	Create Navigate Actions	BI Consumer Role
	Create Invoke Actions	BI Consumer Role
	Save Actions containing embedded HTML	BI Administrator Role
Admin: Catalog	Change Permissions	RI Application Administrator
	Toggle Maintenance Mode	RI Application Administrator
Admin: General	Manage Sessions	BI Administrator Role
	Create Dashboards	RI Application Administrator *
	See sessions IDs	BI Administrator Role
	Change Log Configuration	BI Administrator Role
	Issue SQL Directly	BI Administrator Role
	View System Information	BI Administrator Role
	Performance Monitor	BI Administrator Role
	Manage Agent Sessions	RI Application Administrator
	Manage Device Types	BI Administrator Role
	Manage Map Data	BI Administrator Role
	See privileged errors	BI Administrator Role
	See SQL issued in errors	BI Consumer Role
	Manage Global Variables	BI Administrator Role
	Diagnose BI Server Query	Denied: Authenticated User
	Manage Safe Domains	BI Administrator Role
	Manage Marketing Jobs	RI Application Administrator
	Manage Marketing Defaults	BI Administrator Role
Admin: Security	Manage Catalog Accounts	BI Administrator Role
	Manage Privileges	BI Administrator Role
	Set Ownership of Catalog Objects	BI Administrator Role
	Access to Permissions Dialog	BI Consumer Role
Briefing Book	Add To or Edit a Briefing Book	BI Administrator Role, BI Author Role
	Download Briefing Book	BI Consumer Role
	Add to snapshot briefing book	BI Consumer Role

Table B-1   (Cont.) Application Privileges

Privilege Group	Description	Assigned Role
Catalog	Personal Storage (My Folders and My Dashboard)	Authenticated User, BI Administrator Role, BI Author Role, BI Consumer Role
	Reload Metadata	BI Administrator Role
	See Hidden Items	RI Application Administrator *
	Create Folders	RI Application Administrator *
	Archive Catalog	RI Application Administrator *
	Unarchive Catalog	RI Application Administrator *
	Upload Files	RI Application Administrator *
	Perform Global Search	BI Author Role
	Perform Extended Search	BI Consumer Role
Conditions	Create Conditions	BI Consumer Role
Dashboards	Save Customizations	BI Consumer Role
	Assign Default Customizations	BI Author Role
	Create Bookmark Links	BI Consumer Role
	Create Prompted Links	BI Consumer Role
	Export Entire Dashboard To Excel	BI Consumer Role
	Export Single Dashboard Page To Excel	BI Consumer Role
Formatting	Save System-Wide Column Formats	RI Application Administrator
Home and Header	Access Home Page	BI Consumer Role
	Access Catalog UI	BI Consumer Role
	Access Catalog Search UI	BI Consumer Role
	Access Rapid Search UI	BI Consumer Role
	Simple Search Field	BI Consumer Role
	Advanced Search Link	BI Consumer Role
	Open Menu	BI Consumer Role
	New Menu	BI Consumer Role
	Help Menu	BI Consumer Role
	Dashboards Menu	BI Consumer Role
	Favorites Menu	BI Consumer Role
	My Account Link	BI Consumer Role
	Custom Links	BI Consumer Role
	Access Administration Menu	Denied: Authenticated User
	Access User & Role Admin	BI Administrator Role
	Access Modeler	Denied: Authenticated User
My Account	Access to My Account	BI Consumer Role
	Change Preferences	BI Consumer Role
	Change Delivery Options	BI Consumer Role

Table B-1 (Cont.) Application Privileges

Privilege Group	Description	Assigned Role
Answers	Create Views	BI Author Role
	Create Prompts	BI Author Role
	Access Advanced Tab	BI Author Role
	Edit Column Formulas	BI Author Role
	Save Content with HTML Markup	BI Author Role
	Enter XML and Logical SQL	BI Author Role
	Edit Direct Database Analysis	BI Administrator Role
	Create Analysis From Simple SQL	BI Administrator Role
	Create Advanced Filters and Set Operations	BI Author Role
	Save Filters	BI Author Role
	Save Column	BI Author Role
	Add EVALUATE_PREDICATE Function	BI Author Role
	Execute Direct Database Analysis	BI Administrator Role
	Upload Images	BI Author Role
Delivers	Create Agents	RI Application Administrator
	Publish Agents for Subscription	RI Application Administrator
	Deliver Agents to Specific or Dynamically Determined Users	BI Administrator Role
	Chain Agents	RI Application Administrator
	Modify Current Subscriptions for Agents	RI Application Administrator
	View Delivers Full UX	BI Author Role
	View Delivers Lite UX	BI Consumer Role
Proxy	Act As Proxy	Denied: Authenticated User
RSS Feeds	Access to RSS Feeds	BI Author Role
Scorecard	Create/Edit Scorecards	RI Application Administrator
	View Scorecards	BI Consumer Role
	Create/Edit Objectives	RI Application Administrator
	Create/Edit Initiatives	RI Application Administrator
	Create Views	BI Author Role
	Create/Edit Causes And Effects Linkages	RI Application Administrator
	Create/Edit Perspectives	BI Administrator Role
	Add Annotations	BI Consumer Role
	Override Status	BI Consumer Role
	Create/Edit KPIs	RI Application Administrator
	Write Back to Database for KPI	RI Application Administrator

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Table B-1   (Cont.) Application Privileges

Privilege Group	Description	Assigned Role
	Add Scorecard Views To Dashboards	RI Application Administrator
List Formats	Create List Formats	RI Application Administrator
	Create Headers and Footers	RI Application Administrator
	Access Options Tab	RI Application Administrator
	Add/Remove List Format Columns	BI Administrator Role
Segmentation	Create Segments	BI Author Role
	Create Segment Trees	BI Author Role
	Create/Purge Saved Result Sets	BI Administrator Role
	Access Segment Advanced Options Tab	BI Administrator Role
	Access Segment Tree Advanced Options Tab	BI Administrator Role
	Change Target Levels within Segment Designer	BI Administrator Role
Mobile	Enable Local Content	BI Consumer Role
	Enable Search	BI Consumer Role
Subject Area: "Retail Administration"	Access within Oracle BI Answers	BI Administrator Role
Subject Area: "Retail Insights As-Is"	Access within Oracle BI Answers	BI Author Role
Subject Area: "Retail Insights As-Was"	Access within Oracle BI Answers	BI Author Role
View Canvas	Add/Edit Canvas View	BI Author Role
View Column Selector	Add/Edit Column Selector View	BI Author Role
View Compound Layout	Add/Edit Compound Layout View	BI Author Role
View Contribution Wheel	Add/Edit Contribution Wheel View	BI Author Role
View Graph	Add/Edit Graph View	BI Author Role
View Funnel	Add/Edit Funnel View	BI Author Role
View Gauge	Add/Edit Gauge View	BI Author Role
View Micro Chart	Add/Edit Micro Chart View	BI Author Role
View Filters	Add/Edit Filters View	BI Author Role
View Dashboard Prompt	Add/Edit Dashboard Prompt View	BI Author Role
View Performance Tile	Add/Edit Performance Tile View	BI Author Role
View Heat Matrix	Add/Edit Heat Matrix View	BI Author Role
View Static Text	Add/Edit Static Text View	BI Author Role
View Javascript view	Edit Javascript View	BI Administrator Role
View Legend	Add/Edit Legend View	BI Author Role
View Map	Add/Edit Map View	BI Author Role
View Narrative	Add/Edit Narrative View	BI Author Role
View No Results	Add/Edit No Results View	BI Author Role

Table B-1   (Cont.) Application Privileges

Privilege Group	Description	Assigned Role
View Pivot Table	Add/Edit Pivot Table View	BI Author Role
View Generic Plugin View	Add/Edit Generic Plugin View	BI Author Role
View Report Prompt	Add/Edit Report Prompt View	BI Author Role
View Create Segment	Add/Edit Create Segment View	BI Author Role
View Selection Steps	Add/Edit Selection Steps View	BI Author Role
View Logical SQL	Add/Edit Logical SQL View	BI Author Role
View Table	Add/Edit Table View	BI Author Role
View Create Target List	Add/Edit Create Target List View	BI Author Role
View Ticker	Add/Edit Ticker View	BI Author Role
View Title	Add/Edit Title View	BI Author Role
View Treemap	Add/Edit Treemap View	BI Author Role
View Trellis	Add/Edit Trellis View	BI Author Role
View View Selector	Add/Edit View Selector View	BI Author Role
Write Back	Write Back to Database	Denied: Authenticated User
	Manage Write Back	BI Administrator Role