

**Oracle® Retail Merchandise Financial Planning
Cloud Service**

Administration Guide

Release 16.0.2

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Primary Author: Bernadette Goodman

Contributing Author: Venkatachalam Thiyagarajan

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Oracle Retail Merchandise Financial Planning Cloud Service Administration Guide,
Release 16.0.2

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Preface

This document describes the administration tasks for Oracle Retail Merchandise Financial Planning Cloud Service.

Audience

This document is intended for administrators.

Documentation Accessibility

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Related Documents

For more information, see the following documents in the Oracle Retail Merchandise Financial Planning Cloud Service Release 16.0.2 documentation set:

- *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*
- *Oracle Retail Merchandise Financial Planning Cloud Service Release Notes*
- Oracle Retail Predictive Application Server documentation

Improved Process for Oracle Retail Documentation Corrections

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Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

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

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

If a more recent version of a document is available, that version supersedes all previous versions.

Oracle Retail Documentation on the Oracle Technology Network

Oracle Retail product documentation is also available on the following Web site:

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

(Data Model documents are not available through Oracle Technology Network. You can obtain these documents 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.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Administrative Tasks

This chapter describes the processes for maintaining users and roles. For more information regarding standard end-user activities and application-specific administrative tasks such as history mapping and location setup activities, see the *Oracle Retail Merchandise Financial Planning Retail Cloud Service User Guide* and the *Oracle Retail Merchandise Financial Planning Cost Cloud Service User Guide*.

- Oracle Support
- OIM User Creation
- Assigning Members to a Role
- Merchandise Financial Planning (MFP) Cloud Service Default Enterprise Roles
- Revoking Role Membership
- Deleting a User or Disabling User Privileges
- Resetting a User Password
- Approving Requests from a User
- Approving Requests from a User for Multiple Roles
- Importing a Batch of User Accounts
- Bulk Role Membership Update (Optional)
- Nightly Batch File Uploads
- Export File Downloads

Oracle Support

It is considered to be a best practice to have all Oracle Retail Merchandise Financial Planning Cloud Service support requests submitted through a single point-of-contact for that customer environment; the client-designated administrator is usually designated to perform this role.

The link to use when submitting Service Requests (SR) is:

<https://support.oracle.com>

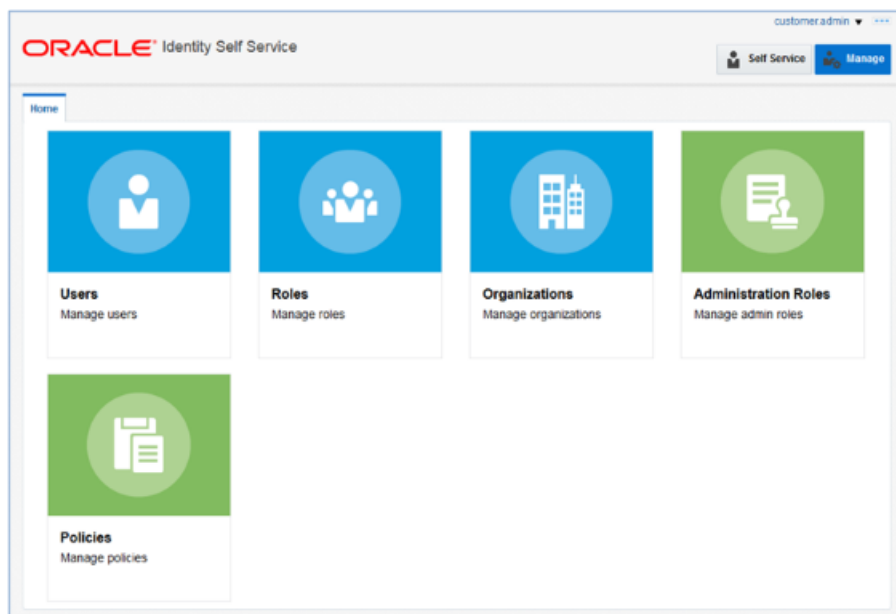
OIM User Creation

Before users can access the Oracle Retail Merchandise Financial Planning 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 Oracle Identity Management (OIM). The following steps explain how to define users, assign roles, and revoke access for users when needed. The OIM Application URL and the login with the required administrator access are needed to perform the following steps:

1. Log in to the OIM application.
2. Click **Manage Administration**.

Figure 1–1 Identity Self Service Screen



3. Click **Users**.

Figure 1–2 Users Screen



4. Under Actions, click **Create**. The Create User screen appears.

Figure 1-3 Create User Screen

5. Under Basic Information, enter the following:

- First Name
- Last Name
- For Organization, enter Retail
- For User, enter Full Time Employee
- E-mail: E-mail address of employee

6. Under Account Settings, enter:

- User Login: <firstname>.<lastname>

Note: Oracle recommends that the User Login be entered in upper case.

- Password
- Confirm Password

Note: If two employees have the same first name and last name or if you want to reuse the user login of a user that was deleted earlier, use the middle name initial in between the user login. For example: <firstname>.x.<lastname>

7. Click **Submit**.

8. To complete the user creation, follow the steps in the User Maintenance chapter in the *Oracle Retail Predictive Application Server Administration Guide for the Fusion Client*.

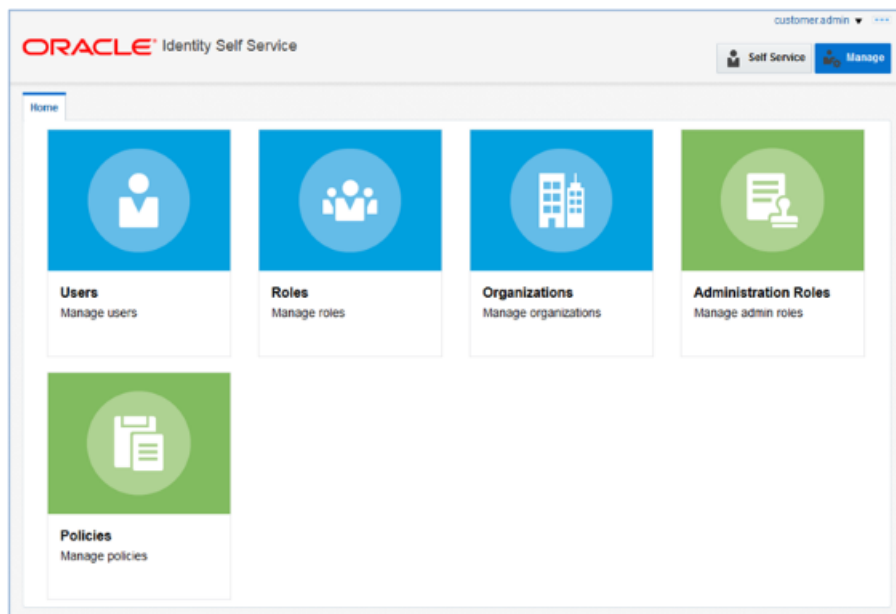
Note: The user name created in RPAS must exactly match the original case of the User Login entered in Step 6.

Assigning Members to a Role

To assign members to a role:

1. Log in to the OIM application.

Figure 1–4 Identity Self Service Screen



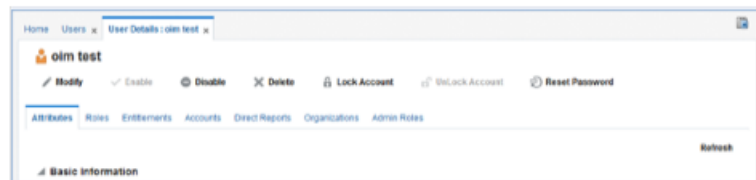
2. Click **Users**.
3. Click the user you want to select. In this example, oim.test is used.

Figure 1-5 Users Screen

User Login	Display Name	First Name	Last Name	Organization	Telephone Number	E-mail	Identity Status	Account Status
CE.ADMN1	ce admin1	ce	admin1	Retail		ce.admin1@ora...	Active	Unlocked
CE.ADMN10	ce admin10	ce	admin10	Retail		ce.admin10@ora...	Active	Unlocked
CE.ADMN2	ce admin2	ce	admin2	Retail		ce.admin2@ora...	Active	Unlocked
CE.ADMN3	ce admin3	ce	admin3	Retail		ce.admin3@ora...	Active	Unlocked
CE.ADMN4	ce admin4	ce	admin4	Retail		ce.admin4@ora...	Active	Unlocked
CE.ADMN5	ce admin5	ce	admin5	Retail		ce.admin5@ora...	Active	Unlocked
CE.ADMN6	ce admin6	ce	admin6	Retail		ce.admin6@ora...	Active	Unlocked
CE.ADMN7	ce admin7	ce	admin7	Retail		ce.admin7@ora...	Active	Unlocked
CE.ADMN8	ce admin8	ce	admin8	Retail		ce.admin8@ora...	Active	Unlocked
CE.ADMN9	ce admin9	ce	admin9	Retail		ce.admin9@ora...	Active	Unlocked
CE.TEST	ce test	ce	test	Retail		ce.test@oracle...	Active	Unlocked
CE.TEST3	ce test3	ce	test3	Retail		ce.test3@oracle...	Active	Unlocked
CUSTOMER.AD...	customer admin	customer	admin	Retail		customer.admin...	Active	Unlocked
CUSTOMER.AD...	customer admin1	customer	admin1	Retail		customer.admin...	Active	Unlocked
CUSTOMER.AD...	customer admin2	customer	admin2	Retail		customer.admin...	Active	Unlocked
OIM.TEST	oim test	oim	test	Retail		oim.test@oracle...	Active	Unlocked

- The User Details screen appears. Click the Roles tab.

Figure 1-6 User Details Screen



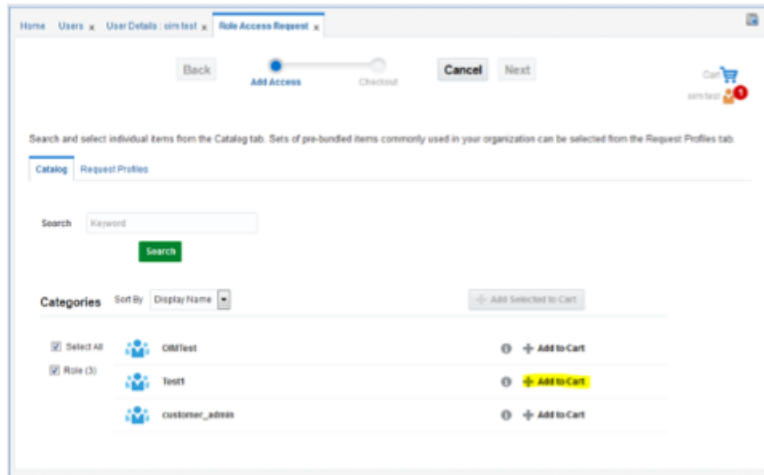
- Click Request Roles.

Figure 1-7 Roles Screen Request Roles List

Role Name	Description	Membership Type	Assigned On	Request Id	Start Date	End Date
ALL USERS	Default role for a...	Direct	12/8/2015			

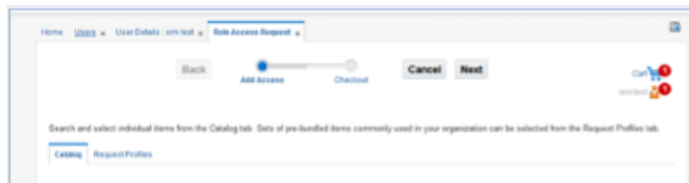
- Click Add to Cart next to the role to assign.

Figure 1–8 Role Access Request Screen



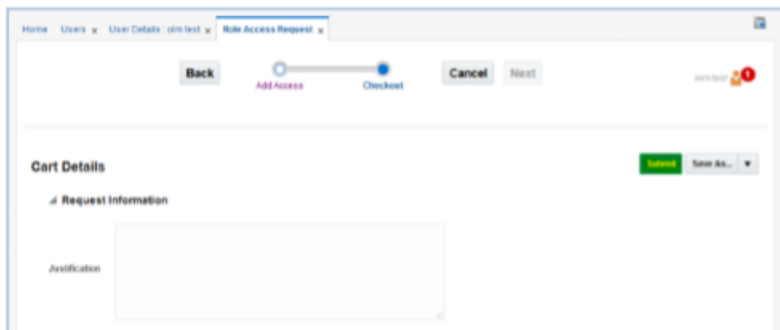
7. Click Next.

Figure 1–9 Cart Options Screen



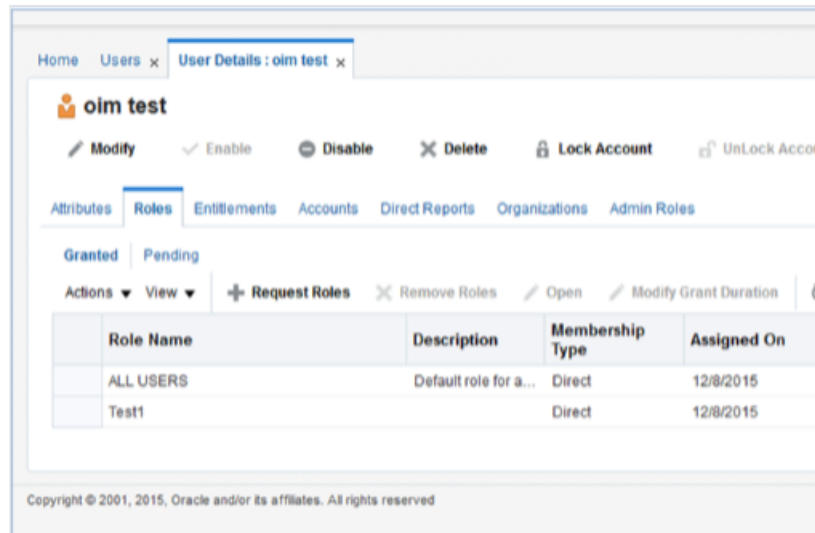
8. Click Submit.

Figure 1–10 Submit Option Screen



The role is assigned to the user.

Figure 1–11 User Details Screen



Merchandise Financial Planning (MFP) Cloud Service Default Enterprise Roles

MFP Cloud Service is built with role-based access. Permissions are associated with roles. [Table 1–1](#) lists the available roles.

Table 1–1 Merchandise Financial Planning Cloud Service Default Enterprise Roles

Application Module	Default Application Roles	Corresponding Application Roles
MFPCS	MFP-ADMIN	MFP-ADMIN
MFPCS	MFP-USERS	MFP-USERS
MFPCS	MFP-PLANNERS	MFP-PLANNERS
MFPCS	MFP-BUYERS	MFP-BUYERS
MFPCS	MFP-APPROVERS	MFP-APPROVERS

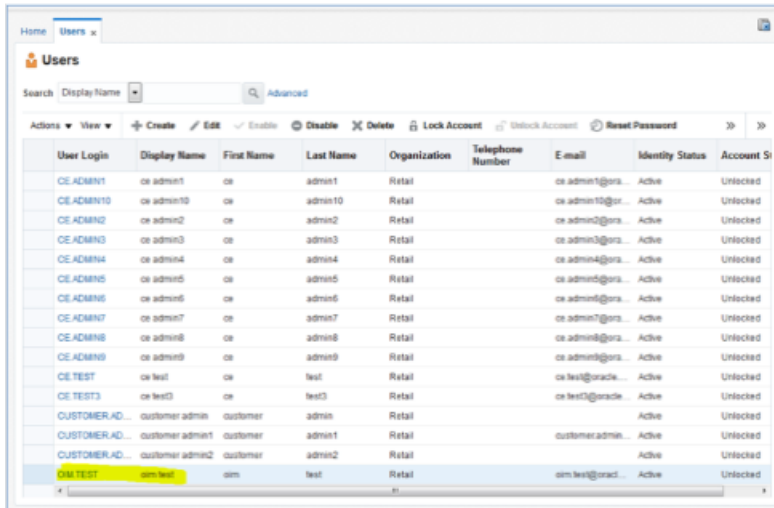
Assign the above roles to the user following the steps in the previous section as per your requirement.

Revoking Role Membership

To revoke the membership of a member in a role:

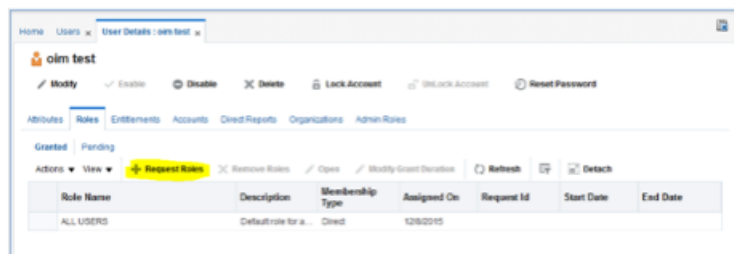
1. Log in to the OIM application.
2. Click **Users**.
3. Click the user you want to select. In this example, oim.test is used.

Figure 1–12 Users Screen



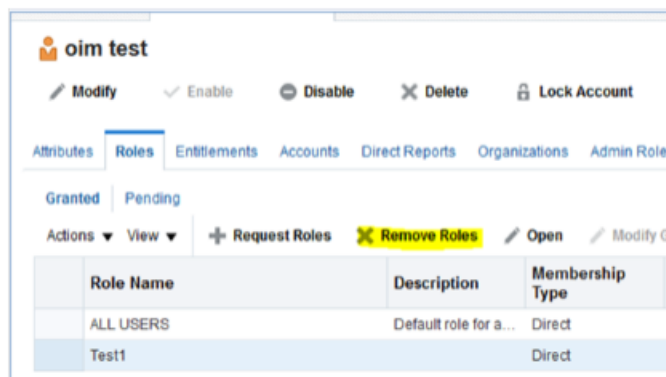
4. The User Details screen appears. Click the Roles tab.

Figure 1–13 User Details Screen

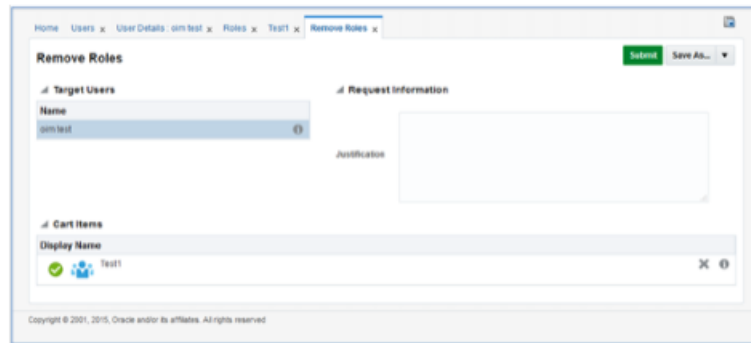


5. Select the role you want to revoke and click **Remove Roles**.

Figure 1–14 Revoke Roles Option



6. In the next section, click **Submit**.

Figure 1–15 Remove Roles Submit Option

Deleting a User or Disabling User Privileges

To delete or disable a user:

1. Log in to the OIM application.
2. Under Administration, click **Users**.
3. Select the user and click **Disable** or **Delete** as necessary.

Figure 1–16 Users Screen

Display Name	User Login	First Name	Last Name	Organization	Tel No	E-mail	Identity Status	Access
customer admin user	CUSTOMER ADMIN	customer admin	user	Xelerte Users		rgas@oracle.com	Active	Unlock
OM ADMIN	OM ADMIN	OM	ADMIN	Retail		om-admin@orc...	Active	Unlock
om.test	OM TEST	om	test	Retail		test-admin@orac...	Active	Unlock
Internal User	OMINTERNAL	OMINTERNAL	OMINTERNAL	Xelerte Users			Active	Unlock
regularuser	REGULAR USER3	test	kan1	Retail		agala.s.saravon...	Active	Unlock
Test User1	TEST USER1	GA	Test1	Retail		noreply@orac...	Active	Unlock
Bina Kanot	TEST USER5	Bi	Kanot	Retail		siba.kanth@orc...	Active	Unlock
Siba Kanth	TEST USER7	Siba	kanth	Retail		siba.kanth@orac...	Active	Unlock
GA CE	TEST USER8	GA	CE	Retail		GA.CE@oracle.com	Active	Unlock
Weblogic User	WEBLOGIC	WEBLOGIC	WEBLOGIC	Xelerte Users			Active	Unlock
Systems Administrator	XELSYSADM	System	Administrator	Xelerte Users		donotreply@orac...	Active	Unlock
kanot ARO	ARO		ARO	Retail		kanot.Aro@orac...	Active	Unlock

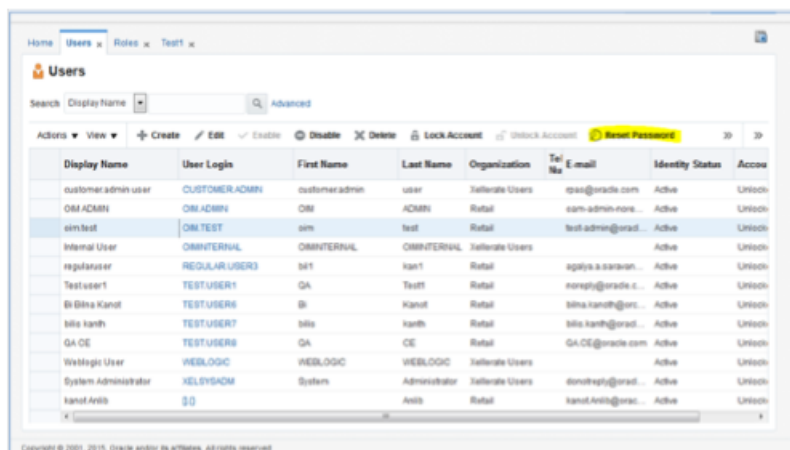
Locking or unlocking a particular user can also be done from this same screen if needed.

Resetting a User Password

To reset the password of a user:

1. Log in to the OIM application.
2. Under Administration, click **Users**.
3. Click the **Search** tab and then select the user for which you want to reset the password.
4. Click **Reset Password**.

Figure 1–17 Reset Password



5. In the Reset Password screen, make sure Auto-generate the Password is selected and click **Reset Password**. The system auto-generates the password and sends an email to the user.

If you want to set the password manually, click **Manually Change the Password**, update the new password, and click **Reset Password**.

Figure 1–18 Reset Password Dialog Box

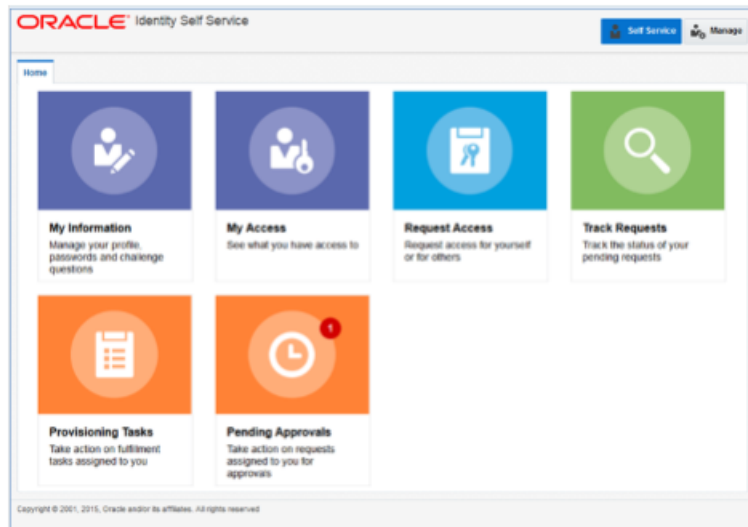


Approving Requests from a User

Users can also request roles that are available for the users to access the MFP Service (or ask to revoke them). To approve the request from a user:

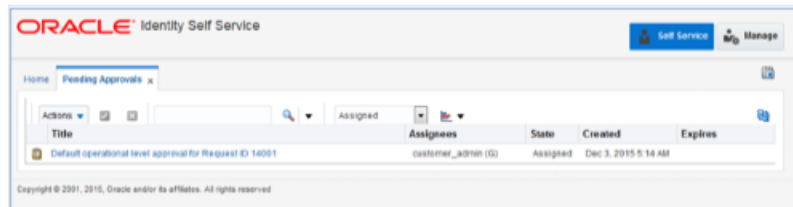
1. Log in to the OIM application.
2. Click **Pending Approvals**.

Figure 1–19 Identity Self Service Screen with Pending Approvals



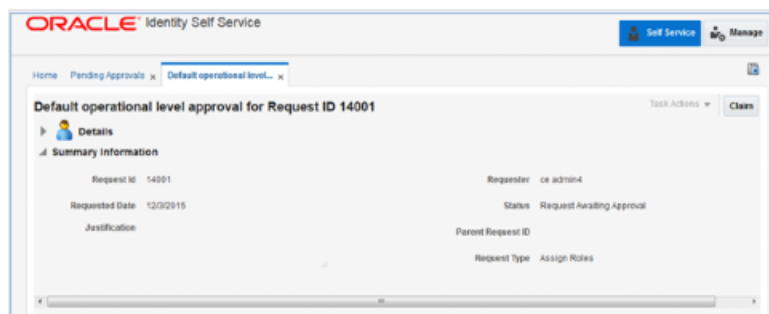
3. Click the action assigned to you.

Figure 1–20 Pending Approvals Tab



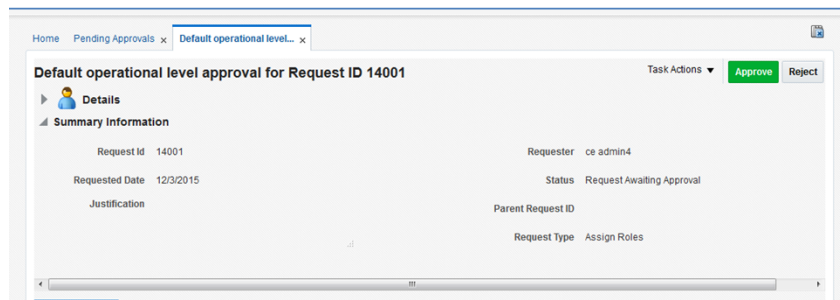
4. Click Claim.

Figure 1–21 Pending Claim Summary Information



5. Click **Approve** or **Reject**. The request completes.

Figure 1–22 Pending Approval Summary Information

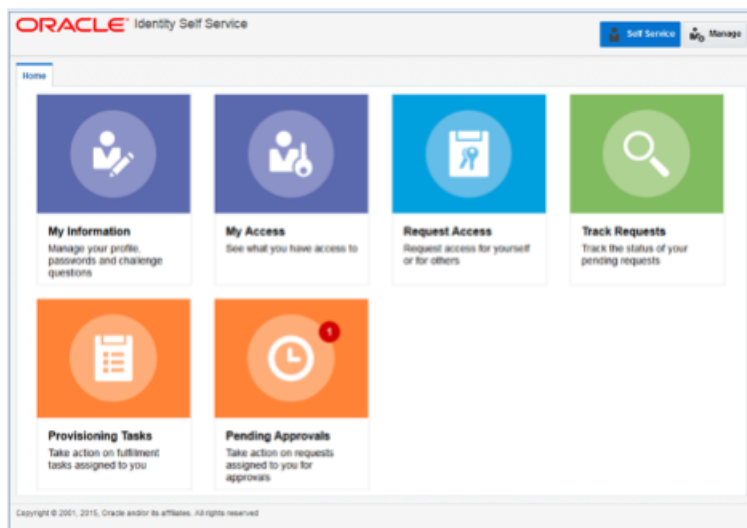


Approving Requests from a User for Multiple Roles

Users can also request multiple roles that are available for the users to access the MFP Service (or ask to revoke them). To approve the request from a user:

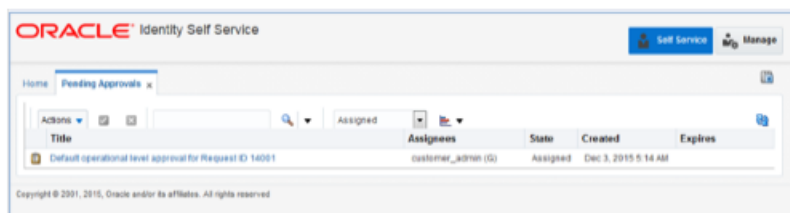
1. Log in to the OIM application.
2. Click Pending Approvals.

Figure 1–23 Identity Self Service Screen with Pending Approvals



3. Click the action assigned to you.

Figure 1–24 Pending Approvals Tab



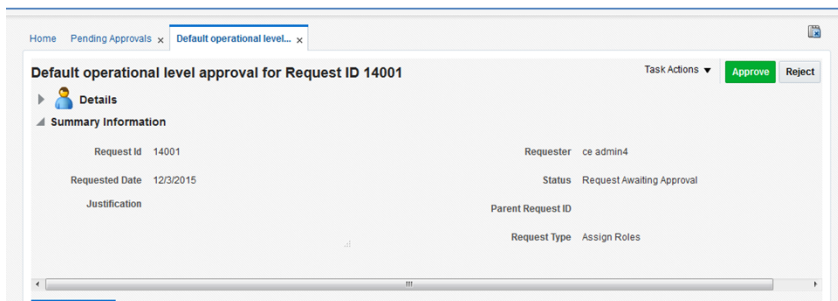
4. Click Claim.

Figure 1–25 Pending Claim Summary Information



5. Click **Approve** or **Reject**.

Figure 1–26 Pending Approval Summary Information



6. Once done, if approved, the request is split into multiple requests, one for each role for each user. Approve all of them by following Steps 3 to 5.
7. Once all the requests are approved, all the roles are assigned to the users.

Note: The customer administrator can request multiple roles for multiple users. Once the request is made, the customer administrator is required to approve the request using the Approve Requests from User for Multiple Roles process.

Importing a Batch of User Accounts

If a large number of users must be created, the Oracle team can bulk load the users into the OIM application. When users are bulk loaded, each initial password is set to the current password of a template user. The new users are required to change the password on their first login.

To request the creation of accounts by bulk loading:

1. Create a CSV file listing all users to create. Following is an example of this file.

```
#####
filename.csv
#####
#####
USR_LOGIN,USR_FIRST_NAME,USR_LAST_NAME,USR_EMAIL,ORG_NAME
CE.ADMIN1,ce,admin1,CE.ADMIN1@oracle.com,Retail
CE.ADMIN2,ce,admin2,CE.ADMIN2@oracle.com,Retail
CE.ADMIN3,ce,admin3,CE.ADMIN3@oracle.com,Retail
CE.ADMIN4,ce,admin4,CE.ADMIN4@oracle.com,Retail
```

```
CE.ADMIN5,ce,admin5,CE.ADMIN5@oracle.com,Retail
CE.ADMIN6,ce,admin6,CE.ADMIN6@oracle.com,Retail
CE.ADMIN7,ce,admin7,CE.ADMIN7@oracle.com,Retail
CE.ADMIN8,ce,admin8,CE.ADMIN8@oracle.com,Retail
CE.ADMIN9,ce,admin9,CE.ADMIN9@oracle.com,Retail
CE.ADMIN10,ce,admin10,CE.ADMIN10@oracle.com,Retail
#####
```

2. Create or identify a user whose password will be used as the initial password for all created users.
3. Open an SR with Oracle Support and provide the CSV file and user from Steps 1 and 2.

Bulk Role Membership Update (Optional)

If a considerable number of users need to have roles to be assigned, the Oracle team can bulk update the role membership into the OIM application. However, Oracle recommends that a customer administrator use the Identity Management application to do these assignments.

To update the membership by bulk update:

1. Create a CSV file with the user role mapping. Note that the user name must be in upper case. See the following example:

```
#####
role.csv
#####
#####
UGP_NAME,USR_LOGIN
Role1,CE.ADMIN1
Role1,CE.ADMIN2
Role3,CE.ADMIN3
Role4,CE.ADMIN4
Role5,CE.ADMIN5
Role6,CE.ADMIN6
Role7,CE.ADMIN7
Role8,CE.ADMIN8
Role2,CE.ADMIN8
Role2,CE.ADMIN9
#####
```

2. Open an SR with Oracle Support and provide the CSV file and user name from Step 1.

Note: If more than one role is to be attached to a particular user, add one more row with the role that the user is to have and the user name. Refer to the CE.ADMIN1 in the above example.

Nightly Batch File Uploads

The following steps describe the file upload process. For details regarding file contents and formatting, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*. For information about how the uploaded files are used for different administration tasks, see [Chapter 2, "Online Administration Tools."](#)

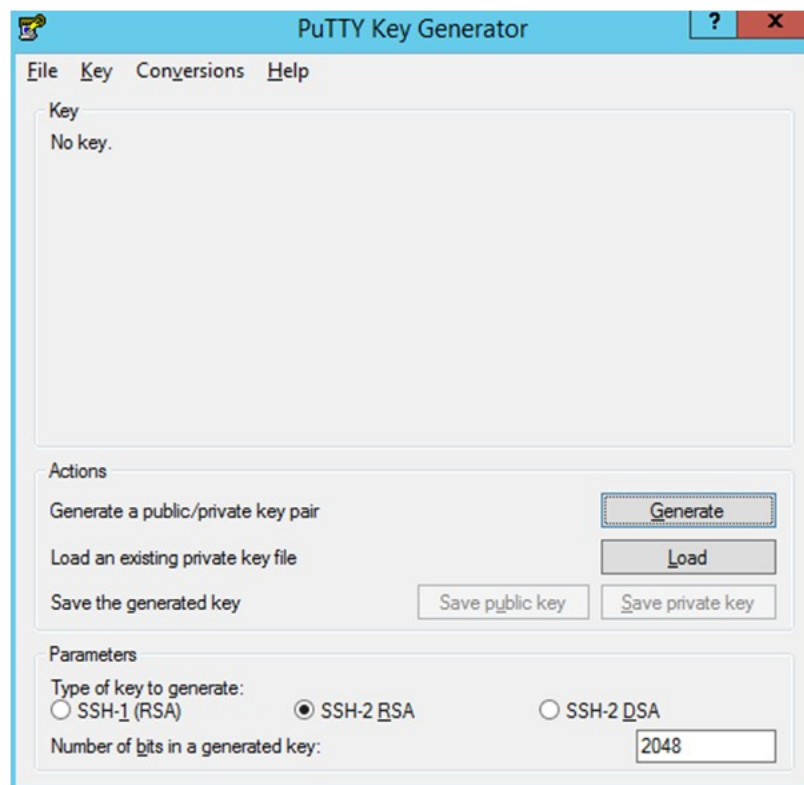
The Private/Public keys must be generated and the Public key must be associated with your SFTP Account for the file uploads. The [Adding Authorized Keys](#) section describes the step-by-step method to generate the keys (2048 bit RSA Keys).

Adding Authorized Keys

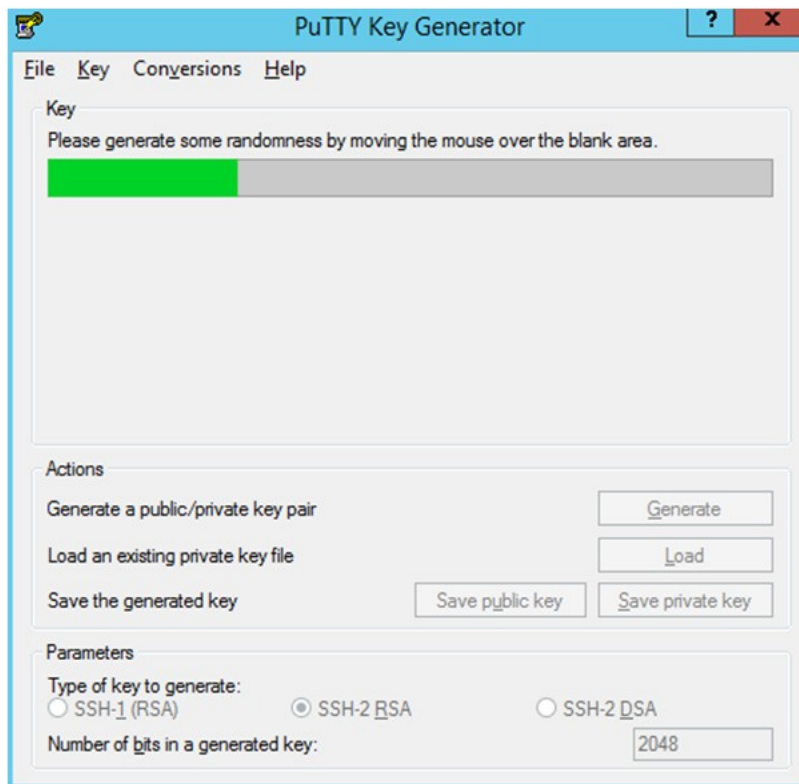
The following is the process to generate a 2048 bit RSA key and add the same to the SFTP server. This is done with the help of the WinSCP tool on Windows. However, the same can be done using ssh-keygen on Linux as well.

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. Click **Generate**.

Figure 1–27 Key Generator



3. Move the mouse over the blank space in the window until the key is generated.

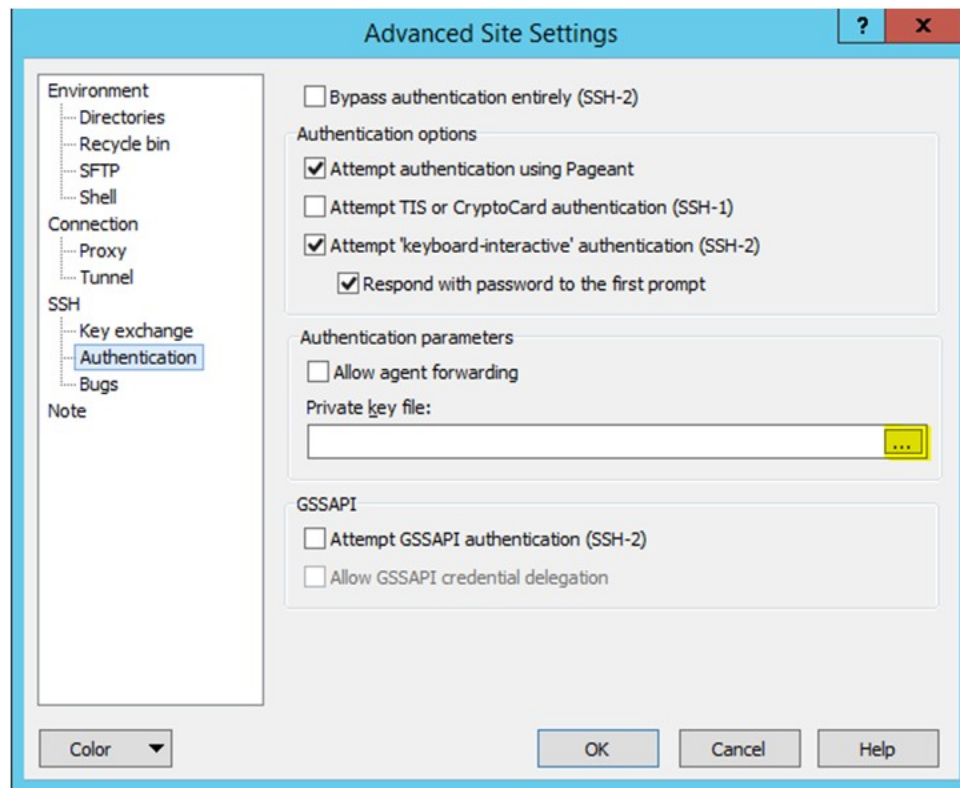
Figure 1–28 Key Generator Progress

4. Once the key is generated, click **Save public key** to save the public key to a file.
5. Click **Save private key** to save the private key to a file. Confirm to save it with or 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).

Logging In to WinSCP

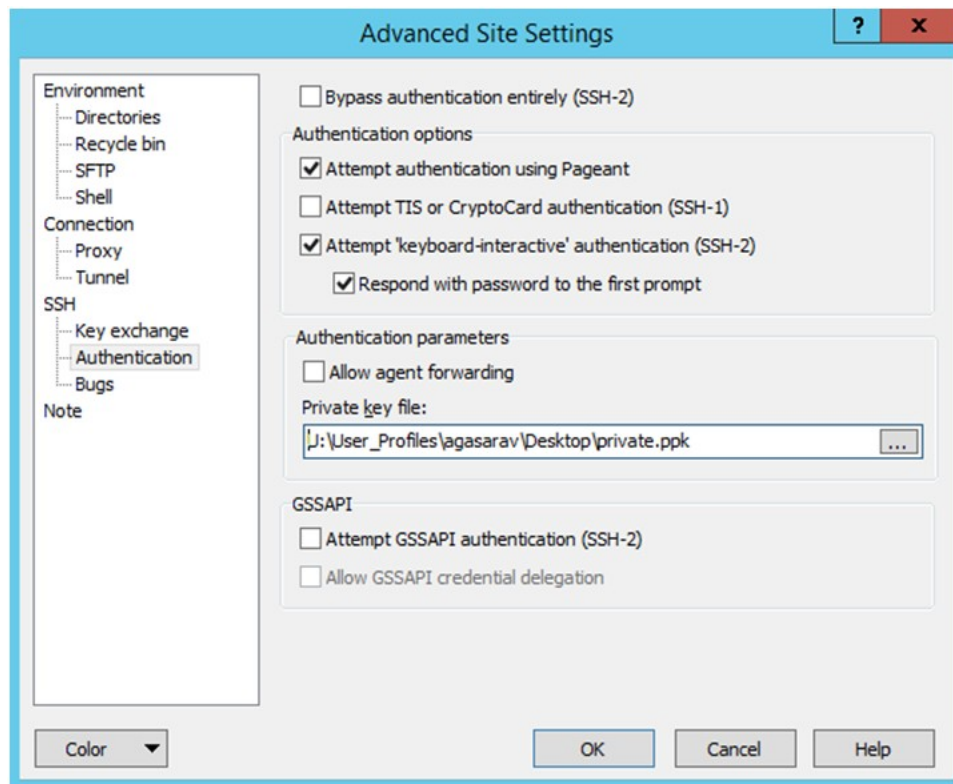
The upload steps use the private key generated in the [Adding Authorized Keys](#) section.

1. Launch WinSCP and connect to <SFTP Server> using port 22.
2. Enter the user name and click **Advanced**.
3. Click **Authentication**.
4. In the Private Key File field, click **Browse** and select the private key created in the [Adding Authorized Keys](#) section.

Figure 1–29 Advanced Site Settings Dialog

5. After loading the private key file, click **OK**.

Figure 1–30 Private Key File Loaded



6. Click **Login**. The window does not prompt for a password and logs in to the SFTP server. Provide a passphrase if one has been set up.

Uploading the Batch File

To upload the batch file:

1. Log in to WinSCP. Follow the steps in "Logging In to WinSCP."
2. Transfer all the data files to the directory /<SFTP User>.
3. Create a directory named COMMAND under /<SFTP User> if it does not already exist.
4. Change to the /<SFTP User>/COMMAND directory.
5. Transfer an empty file named COMPLETE.

Export File Downloads

The following is the download file process. For information about different administration tasks that create different exports from the application, see [Chapter 2, "Online Administration Tools."](#) For information about the file contents of various exports and formatting, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

1. Log in to WinSCP. Follow the steps in "Logging In to WinSCP."
2. Change directory to /<SFTP User>/EXPORT.
3. Download all data files.

Online Administration Tools

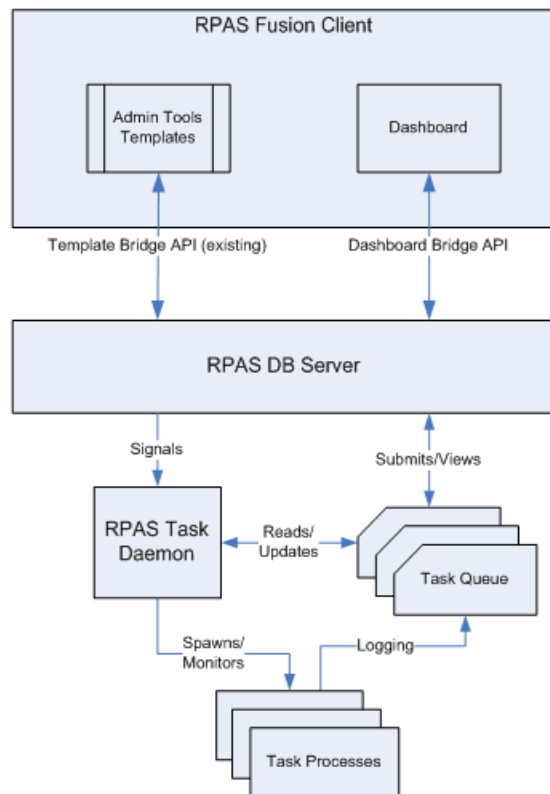
MFP Cloud Service uses the Oracle Retail Predictive Application Server (RPAS) Online Administration Tools as part of scheduling RPAS utilities and scripts that must be scheduled to run batch on Cloud, as the users do not have access to directly schedule scripts or run utilities on the domain server. Administration users can view the results of the scheduled scripts/utilities log in a dashboard through the Fusion Client.

RPAS Online Administration Tools support scheduling of standard RPAS utilities and, in addition, scheduling application-specific scripts/utilities. Application-specific administration tasks that are pre-configured for MFP Cloud Service are explained in the following sections.

For more details about Online Administration Tools and standard administration tasks, see the *Oracle Retail Predictive Application Server Administration Guide for the Fusion Client*.

Application can also be built/patched using the Self-Service option in the Online Administration Tools. For details, see [Appendix E, "Appendix: Self Service - Build/Patch Domain."](#)

[Figure 2-1](#) shows the high level architecture of the RPAS Online Administration Tools.

Figure 2–1 RPAS Online Administration Tools Architecture

Standard Administration Tasks

Standard administration online tasks are pre-configured tasks that call all standard RPAS APIs in a Cloud Service environment. For details on the standard administration tasks, see the *Oracle Retail Predictive Application Server Administration Guide for the Fusion Client*.

Application Specific Administration Tasks - MFP Admin Tasks

Application-specific administration tasks are pre-configured for MFP Cloud Service. These tasks are found in the Online Administration Tools as MFP administration tasks.

Each task in turn calls predefined batch scripts to do the required tasks. For more details about the batch scripts specific to MFP Cloud Service, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Some tasks require input data files or hierarchy files as input. These files must be uploaded before the tasks are scheduled. Some tasks export files out of the application. Those files are copied to an FTP location, and users can download the exported files.

Task Process - Run Batch with options, Daily Batch, and Weekly Batch are predefined to run all required tasks on a daily and weekly basis. In addition, all required tasks are defined as separate individual tasks as well to be able to run them when needed on an ad hoc basis.

The following table shows the list of application-specific administration tasks that are pre-configured for MFP Cloud Service:

MFP Administration Tasks

Load Hierarchies

Load Data

Export - Single Plan Version

Export - Plan Data

Process - Batch Calcs

Process - Run Batch

Process - Build Scheduled Workbooks

Process - Refresh Workbooks

FTP - Fetch Input Data

FTP - Push Output Data

Load Hierarchies

This task is used to load all hierarchy files or any one hierarchy file, clnd, prod, or loc, used by MFP Cloud Service. Users have the option to specify which hierarchy to load and to choose to load with or without a user-defined dimension. Required hierarchy files must be uploaded before scheduling this task. If a user needs to load a hierarchy with user-defined dimensions, the hierarchy file should contain header information with all user-defined dimensions.

For details about hierarchy files that are required and the format, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Load Data

This task is used to load a predefined set of measures defined as a measure set name that can be loaded together. All required data files must be uploaded before scheduling this task. The user may also need to schedule the Process - Batch Calc task after scheduling this task in order to process the loaded actual.

Predefined measure sets are:

- Load Actuals - To load all the measure containing actual data on weekly basis
- Load Admin - To load planning administration level data
- Load On Order - To load On Order data on daily basis

For details about the list of measure files that are required for different measure sets, see [Appendix A](#). For information on the data file formats, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

This task can be customized to load different sets of measures by changes to the batch control files. See the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Export - Single Plan Version

This task is used to export any single version of export that is provided as input. The user may need to schedule the Set Export Flags under the Process - Batch Calcs task to set the required export flags before scheduling this task. Exported files for this task are put into the FTP location; users can download the files from this location.

Following is the list of export plan versions that can be exported for both MFP Retail Cloud Service and MFP Cloud Service. Any one version can be exported at a time.

- Merch Plan - Current Plan
- Merch Plan - Original Plan
- Merch Plan - Submitted Plan
- Merch Plan - Working Plan
- Merch Target - Target Plan
- Merch Target - Working Plan
- Location Plan - Current Plan
- Location Plan - Original Plan
- Location Plan - Working Plan
- Location Target - Target Plan
- Location Target - Working Plan

For details about the different versions for export, the list of measures exported in each files, and the file name and format details, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

This task can be customized to export new versions of data or remove a particular version of export by changes to the batch control files. See the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Export Plan Data

This task is used to export a predefined set of plan data for different integration as needed. All required data files must be uploaded before scheduling this task. The user also needs to schedule the Process - Batch Calc task after scheduling this task in order to process the loaded actual.

This task can be customized to add new export set by changes to the batch control files. See the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

The following predefined export sets are available:

- [Export All Plan Versions](#)
- [Export Working Plan Versions](#)
- [Export Plans to RI](#)
- [Export Plans to Shared Services](#)

Export All Plan Versions

This export set is used to export all submitted and approved plan versions (all non-working plan versions). This task first runs the export set flag task and then exports all the plan versions.

Following is the list of export plan versions that can be exported for both MFP Retail Cloud Service and MFP Cloud Service.

- Merch Plan - Current Plan
- Merch Plan - Original Plan

- Merch Plan - Submitted Plan
- Merch Target - Target Plan
- Location Plan - Current Plan
- Location Plan - Original Plan
- Location Target - Target Plan

For details on the versions for export, the list of measures exported in each files, and the file name and format details, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Export Working Plan Versions

This export set is used to export all the working plan versions. This task first runs the export set flags task and then exports all working plan versions.

Following is the list of export plan versions that can be exported for both MFP Retail Cloud Service and MFP Cloud Service.

- Merch Plan - Working Plan
- Merch Target - Working Plan
- Location Plan - Working Plan
- Location Target - Working Plan

For details about the versions for export, the list of measures exported in each files, and the file name and format details, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Export Plans to RI

This export set is used to export all approved Merch Plans for the unelapsed periods to Oracle Retail Insights (RI) Cloud Service. This task first runs the export, then compresses the file into a single zip file as needed by RI, and copies the file to the common cloud service application share location \$RGBU_CLOUD_DATA. Oracle Retail Insights Cloud Service can access the file from that location.

Following is the list of export plan versions that can be exported for both MFP Retail Cloud Service and MFP Cloud Service:

- Merch Plan - Current Plan
- Merch Plan - Original Plan

For more details about integration with RI, list of measures exported in each file, file name, and format details, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

Export Plans to Shared Services

This export set is used to export all approved Merch Plans and Location Plans for the unelapsed periods to Shared Services. It exports the required measures by Shared Services and copies the file to the common cloud service application share location \$RGBU_CLOUD_DATA. Oracle Retail Shared Services can access the file from that location.

Process - Batch Calcs

This task is used to run a predefined set of all batch rules (as batch calc sets) against the domain to do the necessary data aggregation.

This task can be customized to change the batch calculations and the order it runs against the domain by changes to the control file. See the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

The following predefined batch calculation sets are available:

- [Process Actuals](#)
- [Run Generate Forecast](#)
- [Set Export Flags](#)

Process Actuals

This batch calc set is used to run all required batch process calculations to do the necessary data aggregation and inventory roll operations after the weekly data load. It internally runs the batch rule groups Batch_GB, Batch_AggW, and Batch_InvRoll.

Batch_GB sets the elapsed measures and global domain calcs for the Location Target measures. Batch_AggW copies all loaded actuals into the WP and CP versions for the elapsed periods. Batch_InvRoll rolls forward the new EOP of the elapsed periods to the future BOP and EOP for both the WP and CP versions.

Run Generate Forecast

This batch calc set is used to generate forecast data used by MFP Cloud Service. It uses the RDF procedures by calling the internal configuration rule groups Batch_Fcst_G and Batch_Fcst_L. These rule groups call the RDF forecast procedure to calculate the forecast for future periods of all versions using loaded actual and approved plan data. It calculates both the in-season forecast and pre-season forecast for all versions. Only one version of the forecast is shown in the workbook, based on the workbook build for in-season or pre-season.

Following is the list of forecast measures that are calculated by this process:

- Wp Fcst In Reg+Promo R
- Wp Fcst In Clr R
- Wp Fcst In Reg+Promo U
- Wp Fcst In Clr U
- Wp Fcst Pre Reg+Promo R
- Wp Fcst Pre Clr R
- Wp Fcst Pre Reg+Promo U
- Wp Fcst Pre Clr U

Set Export Flags

This batch calc set is used to set the necessary export flags for all exports used by MFP Cloud Service. The user can control the position exported for all versions by setting the administration measure advexportb Export Mask in the Manage Export worksheet. If the Export Elapsed Periods flag is set to false (the default), it will not export elapsed periods data. This task sets export flags for each version of exports based on the

Export Mask. For approved and submitted plans, the export flag is set based on the Export Mask and the Approved or Submitted Info measure. For working plans, it is set based on the Export Mask and Seeded Info measures.

Process - Run Batch

This task is used to schedule a typical daily or weekly MFP batch. It calls the previously defined tasks (the internal scripts that those individual tasks call) in the specified order, one after another, upon the successful completion of the previous task. If any task aborts, a log is created and the process terminates. This task has the option to restart from the last failed script rather than running all the scripts again. Typically, the user must schedule this task within a time frame after a domain backup and when no users are logged into the domain.

The trigger files `mfp_hier.complete` and `mfp_data.complete` needs to be present for the batch to trigger hierarchy load and data load process. Hierarchy or Data load jobs will wait for the trigger files to be present before starting the respective load tasks. After starting, it will delete the trigger file before any subsequent run.

For more details about the list of internal scripts this task calls and how to add more scripts to this task, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*.

The following predefined batch sets are available:

- [Daily Batch](#)
- [Weekly Batch](#)

Daily Batch

This task is used to schedule a typical daily MFP batch.

This task is equivalent to scheduling the tasks in the following order:

1. FTP - Fetch All Input Data
2. Process Batch Calc -> Set Export Flags
3. Export Plan Data -> Export All Plan Versions
4. Load Data -> Load On Order
5. FTP - Push All Output Data

Weekly Batch

This task is used to schedule a typical weekly MFP batch, which includes loading all hierarchy files and actual data.

This task is equivalent to scheduling the tasks in the following order:

1. FTP - Fetch All Input Data
2. Process Batch Calc -> Set Export Flags
3. Export Plan Data -> Export All Plan Versions
4. Load Hierarchies (All hierarchies without any user-defined dimensions)
5. Load Data -> Load Actuals
6. Load Data -> Load On Order
7. Process - Batch Calcs -> Process Actuals

8. Process - Batch Calcs -> Run Generate Forecast
9. Process - Refresh Workbooks
10. Process - Build Scheduled Workbooks
11. FTP - Push All Output Data

Process - Build Scheduled Workbooks

This task is used to run all auto-build workbooks scheduled for all workbook templates in batch. Before scheduling this task, users may need to delete their saved workbooks if there is a limit of saved workbooks set for the user.

Process - Refresh Workbooks

This task is used to refresh all the saved workbooks for the Merch Target, Merch Plan, Location Target, and Location Plan workbook templates.

FTP - Fetch Input Data

This task is used to copy input files from the user upload location to the domain input location. All hierarchy load and data load tasks internally call this task, but if a user needs to copy any ad hoc files to the domain input location that are needed by Standard Admin Tasks, the user can use this task. It copies files with the extensions *.tar.gz, *.gz, *.dat, *.dat.*, *.ovr, *.ovr.*, *.rpl, or *.rpl.* and copies them to the domain input location. It also copies the batch control files with extensions *.ctl to the override batch control file directory.

After copying compressed *.tar.gz and *.gz files to domain input, it also uncompresses those files to be used by subsequent hierarchy load or data load processes.

FTP - Push Output Data

This task is used to copy exported files from the domain output location to the user export location. By default, all export tasks copy exported files to the export location. This task is used if a user needs to copy exported files using the Standard Administration Tasks for any ad hoc measures. It copies files with extensions *.dat, *.ovr, *.rpl, *.zip, *.gz, *.tar.gz, and *.tar. After a successful copy, it also deletes all the copied files from the domain/output directory.

Scheduling MFP Administration Tasks

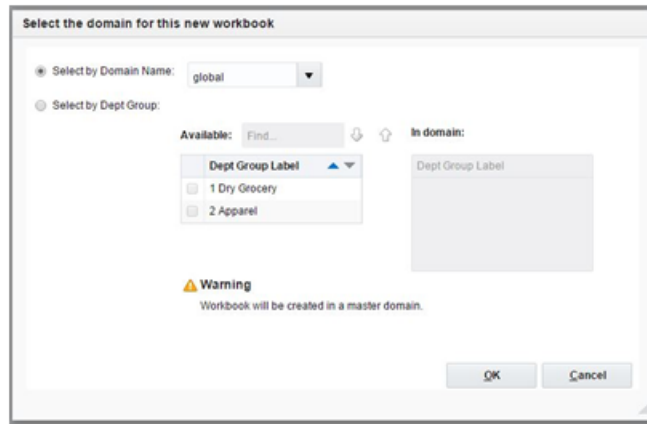
This section describes the process for scheduling and monitoring the MFP Administration task Export - Single Plan Version. The steps for scheduling all other tasks are the same, and most of the tasks do not have additional input parameters specific to that task. For more details about scheduling and monitoring online administration tasks, see the *Oracle Retail Predictive Application Server Administration Guide for the Fusion Client*.

To schedule and monitor an MFP administration task:

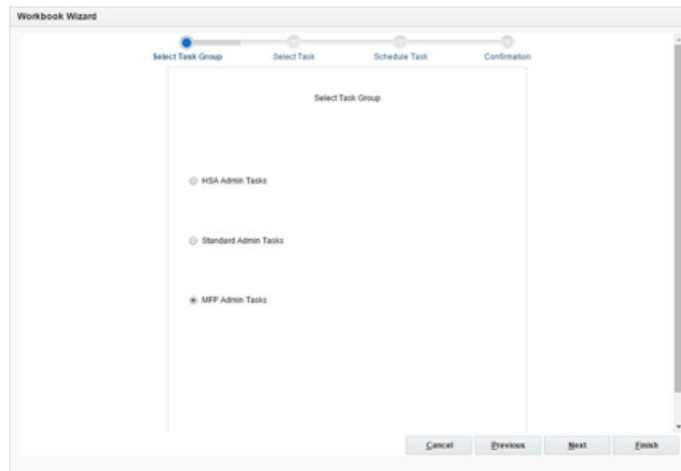
1. Log into the MFP Retail Cloud Service (mfprcs) or MFP Cost Cloud Service (mfpcsc) application as an Administration user.
2. Under Administration, select mfpcsc (or mfprcs), and then Online Admin Tools. Click **Submit An Admin Task**.

Figure 2–2 Administration Tasks

3. Select global for Select by Domain Name and click **OK**. Almost all tasks must be scheduled in the global domain only.

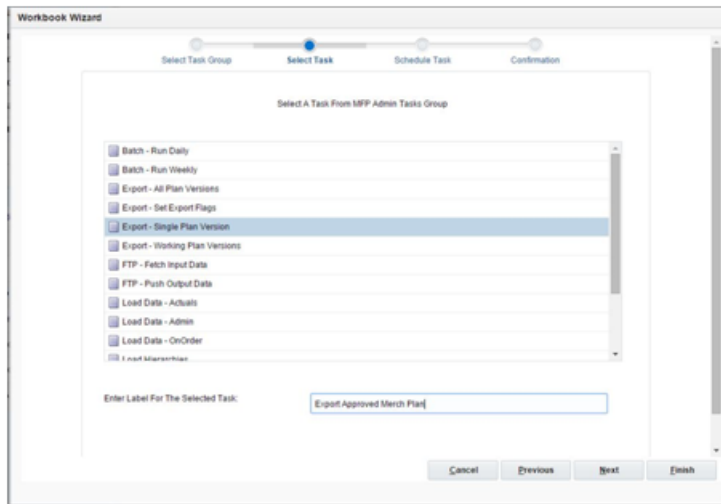
Figure 2–3 Select the Domain for this New Workbook

4. Select the MFP Admin Tasks for Task Group and click **Next**. For scheduling a standard administration task, select Standard Admin Tasks.

Figure 2–4 Select Task Group Workbook Wizard Window

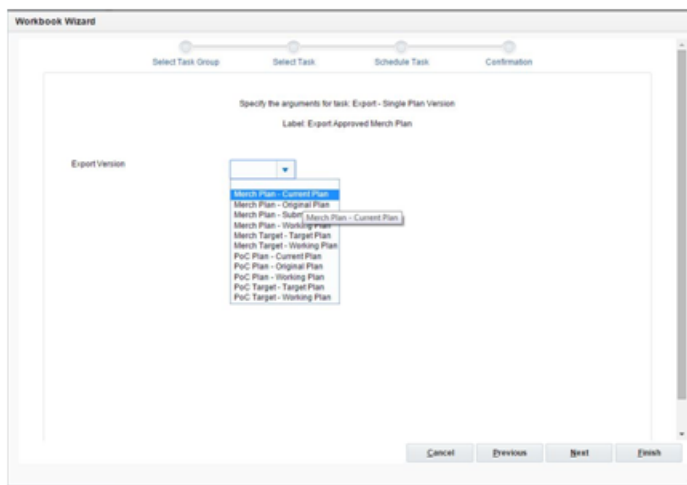
- In the task list, select **Export - Single Plan Version** and enter a label for scheduling that task, for example, **Export Approved Merch Plan**. Click **Next**.

Figure 2–5 Select Task Workbook Wizard Window



- This task has an additional parameter to choose the export version. In this example, select **Merch Plan - Current Plan**. Click **Next**.

Figure 2–6 Export Version Selection



- To schedule the task to run immediately, select **Run ASAP** and click **Next**. To run on a particular date and time, set that information here.

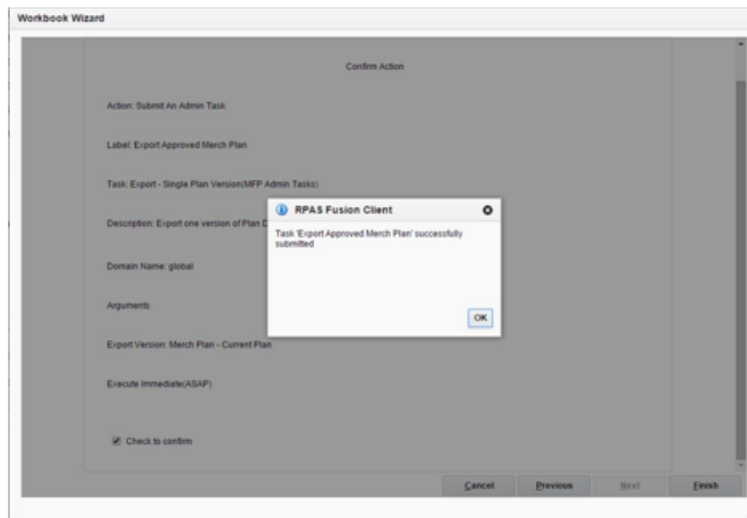
Figure 2-7 Schedule Task Workbook Wizard Window

8. In the Confirm Action window, review the task scheduling details. To confirm the scheduling, select the **Check to confirm** check box. To submit the task, click **Finish**.

Figure 2-8 Confirm Action Window

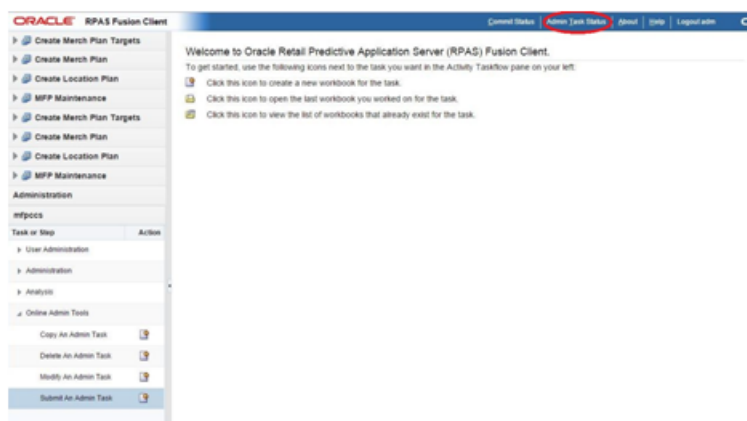
9. The task submitted confirmation window appears. Click **OK**.

Figure 2–9 Task Submitted Confirmation Window



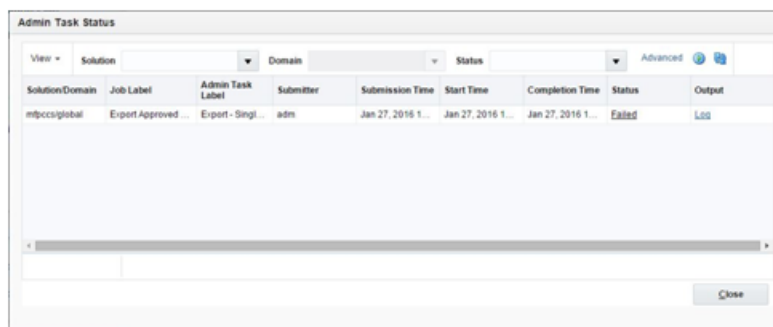
- To check the status of all submitted tasks in the Fusion Client Dashboard, click **Admin Task Status**.

Figure 2–10 Location of Admin Task Status Button



A separate window opens with the list of tasks and their status.

Figure 2–11 Admin Task Status Window



If the status is Success, you can ignore the log. If the status is Failed, the reason for the failure can be checked by clicking the Log link under Output. It show the logs

of the executed batch script or binary with details of the error code for any failure. For more details about the common error codes for the failure of different batch tasks and troubleshooting information, see [Appendix D](#).

Note: Currently the log that is shown in the Fusion Client is a limited log. It only shows the details of the failure of an external batch script. Some batch scripts call other internal batch scripts and, if those failed, those details can be found only in sub-directories of the domain level log file for those batch scripts directly in the domain server. In such cases, create an Oracle SR.

Appendix: Load Data - Load Actuals

The tables in this appendix list the measures that are loaded as part of the administration task Load Data - Load Actuals. If you do not want to load any data, create an empty file.

Table A-1 lists the measures for the MFP Retail Cloud Service Load Data - Load Actuals administration task.

Table A-1 MFP Retail Cloud Service Load Data - Load Actuals Measures

Measure Name	Measure Label	Load Intersection
drtysls1r	Ty Sales Reg+Promo R	week_scls_stor
drtysls1u	Ty Sales Reg+Promo U	week_scls_stor
drtysls2r	Ty Sales Clr R	week_scls_stor
drtysls2u	Ty Sales Clr U	week_scls_stor
drtyrtn1r	Ty Returns Reg+Promo R	week_scls_stor
drtyrtn1u	Ty Returns Reg+Promo U	week_scls_stor
drtyrtn2r	Ty Returns Clr R	week_scls_stor
drtyrtn2u	Ty Returns Clr U	week_scls_stor
drtymkd1r	Ty Markdown Reg+Promo R	week_scls_stor
drtymkd2r	Ty Markdown Clr R	week_scls_stor
drtymkdwfr	Ty Markdown due to W/F R	week_scls_stor
drtyeop1c	Ty EOP Reg+Promo C	week_scls_stor
drtyeop1r	Ty EOP Reg+Promo R	week_scls_stor
drtyeop1u	Ty EOP Reg+Promo U	week_scls_stor
drtyeop2c	Ty EOP Clr C	week_scls_stor
drtyeop2r	Ty EOP Clr R	week_scls_stor
drtyeop2u	Ty EOP Clr U	week_scls_stor
drtyrcptc	Ty Receipts C	week_scls_stor
drtyrcptr	Ty Receipts R	week_scls_stor
drtyrcptu	Ty Receipts U	week_scls_stor
drtyshrkc	Ty Shrink C	week_scls_stor
drtyshrkr	Ty Shrink R	week_scls_stor
drtyshrku	Ty Shrink U	week_scls_stor

Table A-1 (Cont.) MFP Retail Cloud Service Load Data - Load Actuals Measures

Measure Name	Measure Label	Load Intersection
drtymosc	Ty MOS C	week_scls_stor
drtymosr	Ty MOS R	week_scls_stor
drtymosu	Ty MOS U	week_scls_stor
drtymiscadjr	Ty Misc Adj R	week_scls_stor
drtymiscadju	Ty Misc Adj U	week_scls_stor
drtyroyalr	Ty Royalties R	week_scls_stor
drtyvndfndr	Ty Vendor Funds R	week_scls_stor
drtywfmkdr	Ty W/F Markdown R	week_scls_stor
drtywfmkur	Ty W/F Markup R	week_scls_stor
drtyconsinvr	Ty Cons Inv R	week_scls_stor
drtytrafficu	Ty Traffic Count U	week_scls_stor
drtytransactu	Ty Transaction Count U	week_scls_stor
drtybopisvp	Ty Buy Online Pick-Up in Store %	week_scls
drtyborisvp	Ty BORIS %	week_scls
drtyborovp	Ty BORO %	week_scls
drtyincngstku	Ty Store to Warehouse Restocking \$/ U	week_scls
drtyonstku	Ty Warehouse Restocking \$/ U	week_scls
drtystrstku	Ty Store Restocking \$/ U	week_scls
drtymtdvp	Ty Return Back to Online %	week_scls
drtymtd1u	Ty Return Back to Online (Reg+Promo) U	week_scls_stor
drtymtd1r	Ty Return Back to Online (Reg+Promo) R	week_scls_stor
drtymtd2u	Ty Return Back to Online (Clr) U	week_scls_stor
drtymtd2r	Ty Return Back to Online (Clr) R	week_scls_stor
drtyims1u	Ty Pick up in Store (Reg+Promo) U	week_scls_stor
drtyims1r	Ty Pick up in Store (Reg+Promo) R	week_scls_stor
drtyims2u	Ty Pick up in Store (Clr) U	week_scls_stor
drtyims2r	Ty Pick up in Store (Clr) R	week_scls_stor
drtystc1u	Ty Ship to Customer (Reg+Promo) U	week_scls_stor
drtystc1r	Ty Ship to Customer (Reg+Promo) R	week_scls_stor
drtystc2u	Ty Ship to Customer (Clr) U	week_scls_stor
drtystc2r	Ty Ship to Customer (Clr) R	week_scls_stor

Table A-2 lists the measures for the MFP Cost Cloud Service Load Data - Load Actuals administration task.

Table A-2 MFP Cost Cloud Service Load Data - Load Actuals Measures

Measure Name	Measure Label	Load Intersection
drtycls1r	Ty Sales Reg+Promo R	week_scls_stor
drtycls1u	Ty Sales Reg+Promo U	week_scls_stor
drtycls2r	Ty Sales Clr R	week_scls_stor
drtycls2u	Ty Sales Clr U	week_scls_stor
drtyrtn1r	Ty Returns Reg+Promo R	week_scls_stor
drtyrtn1u	Ty Returns Reg+Promo U	week_scls_stor
drtyrtn2r	Ty Returns Clr R	week_scls_stor
drtyrtn2u	Ty Returns Clr U	week_scls_stor
drtynsls1c	Ty Net Sales Reg+Promo C	week_scls_stor
drtynsls2c	Ty Net Sales Clr C	week_scls_stor
drtymkd1r	Ty Markdown Reg+Promo R	week_scls_stor
drtymkd2r	Ty Markdown Clr R	week_scls_stor
drtymkdwfr	Ty Markdown due to W/F R	week_scls_stor
drtyeop1c	Ty EOP Reg+Promo C	week_scls_stor
drtyeop1r	Ty EOP Reg+Promo R	week_scls_stor
drtyeop1u	Ty EOP Reg+Promo U	week_scls_stor
drtyeop2c	Ty EOP Clr C	week_scls_stor
drtyeop2r	Ty EOP Clr R	week_scls_stor
drtyeop2u	Ty EOP Clr U	week_scls_stor
drtyrcptc	Ty Receipts C	week_scls_stor
drtyrcptr	Ty Receipts R	week_scls_stor
drtyrcptu	Ty Receipts U	week_scls_stor
drtyshrk	Ty Shrink C	week_scls_stor
drtyshrku	Ty Shrink U	week_scls_stor
drtymosc	Ty MOS C	week_scls_stor
drtymosu	Ty MOS U	week_scls_stor
drtymiscadjc	Ty Misc Adj C	week_scls_stor
drtymiscadju	Ty Misc Adj U	week_scls_stor
drtyroyalr	Ty Royalties R	week_scls_stor
drtyvndfndr	Ty Vendor Funds R	week_scls_stor
drtywfmkdr	Ty W/F Markdown R	week_scls_stor
drtywfmkur	Ty W/F Markup R	week_scls_stor
drtyconsinvc	Ty Cons Inv C	week_scls_stor
drtytrafficu	Ty Traffic Count U	week_scls_stor
drtytransactu	Ty Transaction Count U	week_scls_stor

Appendix: Load Data - Load On Order

The tables in this appendix list the measures that are loaded as part of the administration task Load Data - Load On Order. If you do not want to load any data, create an empty file.

Table B-1 lists the measures for the MFP Retail Cloud Service Load Data - Load On Order administration task.

Table B-1 MFP Retail Cloud Service Load Data - Load On Order Measures

Measure Name	Measure Label	Load Intersection
drtyoou	Ty On Order U	week_scls_stor
drtyoor	Ty On Order R	week_scls_stor
drtyooc	Ty On Order C	week_scls_stor

Table B-2 lists the measures for the MFP Cost Cloud Service Load Data - Load On Order administration task.

Table B-2 MFP Cost Cloud Service Load Data - Load On Order Measures

Measure Name	Measure Label	Load Intersection
drtyoou	Ty On Order U	week_scls_stor
drtyooc	Ty On Order C	week_scls_stor



Appendix: Load Data - Load Admin

The tables in this appendix list the measures that are loaded as part of the administration task Load Data - Load Admin. If you do not want to load any data, create an empty file.

Table C-1 lists the measures for both the MFP Retail Cloud Service and MFP Cost Cloud Service Load Data - Load Admin administration task.

Table C-1 MFP Retail Cloud Service and Cost Cloud Service Load Data - Load Admin Measures

Measure Name	Measure Label	Load Intersection
addvvatvp	VAT %	week_scls_chnl
addvwfpocb	W/F Location	stor
addvlcratex	Local Currency Rate	week_chnl
addvlcratet	Local Currency Symbol	chnl
addvpocdesct	Location Description	stor
addvpocstatt	Location Status	stor
addvpocsqmv	Square Meter	dept_stor
addvlikepocd	Like Location End Date	stor
addvlikepoc	Like Location	stor
addvlagl2t	Lag Lly	week
addvlaglyt	Lag Ly	week

Appendix: Error Codes

Table D-1 lists the common error codes for the different administration tasks and troubleshooting information. If tasks fail with unknown error codes, unclear error messages, or issue related to implementation, create an Oracle SR.

The Batch Daily and Batch Weekly tasks call different individual tasks. Refer to the corresponding failed task error code.

Table D-1 Error Codes and Troubleshooting Information

Task Name	Error Code	Description of Error	Troubleshooting Information
Load Hierarchies	3	Hierarchy file does not exist.	Ensure hierarchy files are FTP-ed to the location with correct name and extension.
Load Hierarchies	6	One or more arguments are missing.	During implementation, the control file or script parameters for the hierarchy load were not correctly set.
Load Hierarchies	13	Domain does not exist.	Ensure the domain is correctly installed.
All Load Data Tasks	40	One or more arguments are missing.	During implementation, the control file or script parameters for the hierarchy load were not correctly set.
All Load Data Tasks	41	Domain does not exist.	Ensure the domain is correctly installed.
All Load Data Tasks	42	Data file does not exist.	Ensure hierarchy files are FTP-ed to the location with correct name and extension.
All Load Data Tasks	43	All measure input files are empty or missing.	If all measure files are empty, it will also abort; ensure at least one data file is not empty.
All Load Data Tasks	45	Errors occurred during the load of one or more measures.	Ensure the data file is not corrupted and contains correct data.
Process - Refresh Workbooks	13	Domain does not exist.	Ensure the domain is correctly installed.
Process - Build Scheduled Workbooks	13	Domain does not exist.	Ensure the domain is correctly installed.

Table D-1 (Cont.) Error Codes and Troubleshooting Information

Task Name	Error Code	Description of Error	Troubleshooting Information
All export tasks	40	One or more arguments are missing.	NA
All export tasks	50	Export set name not preset in Control File.	During implementation, the control file for the export is not correctly set.
All export tasks	55	Base Intersection or Mask Measure needs to be set in control file.	During implementation, the control file for the export is not correctly set.
All export tasks	60	Mask measure not found for Export Set.	During implementation, the control file for the export is not correctly set.

Appendix: Self Service - Build/Patch Domain

This appendix describes the process to install or patch a domain using Self Service.

Self Service - Building the MFP Cloud Service Application from the Bootstrap Domain

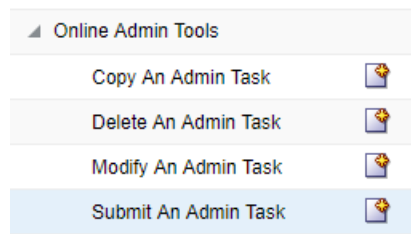
This section describes the process of installing/building MFP Cloud Service from the provisioned bootstrap domain with customer data and a generated configuration from the plug-in options using the Online Administration Tools.

Once RPAS Server and MFP Cloud Service are installed in the Oracle Cloud environment, the administrator will have the option to overwrite and reinstall the domain with GA data or with customer data. This allows the domain to be rebuilt from scratch multiple times, should this be required. The administrator also has the option to generate the configuration for different plug-in options.

To build a customer domain for MFP Cloud Service using the bootstrap domain:

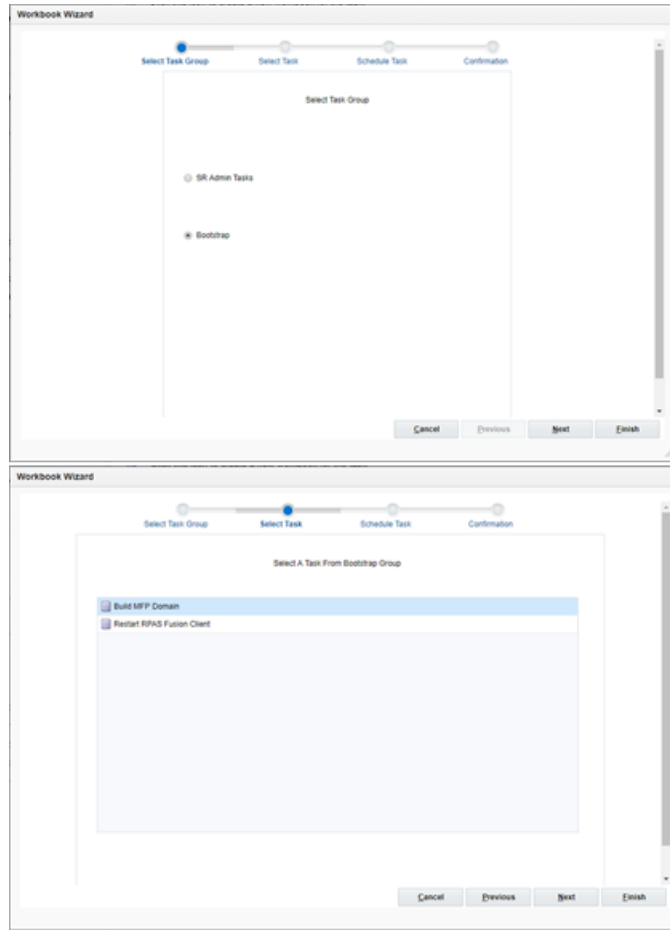
1. After installing MFP Retail Cloud Service or MFP Cost Cloud Service, log in to the bootstrap domain as an Administration user.
2. In the Tasks list, select Administration and then Online Admin Tools. Click **Submit An Admin Task**.

Figure E-1 Admin Tasks for the Bootstrap Task



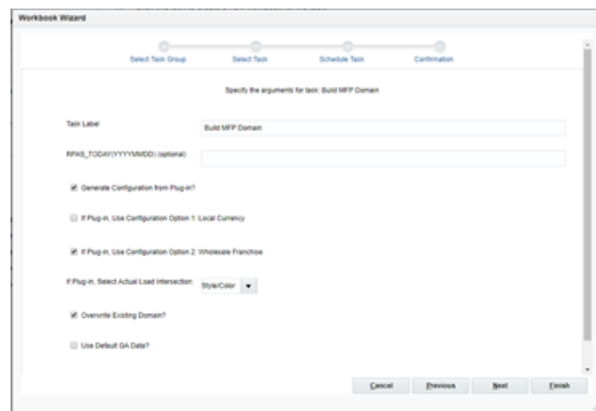
3. In the domain selection window, select the global domain and click **OK**.
4. Select the task group Bootstrap, select the Build MFP Domain task, and then click **Next**.

Figure E-2 Select Build MFP Cloud Service Domain Task



5. Set the arguments for the task:

Figure E-3 Select Build MFP Cloud Service Domain Task Arguments



- a. Enter the Task Label.
- b. To generate a configuration from the plug-in, check the Generate Configuration from Plug-in checkbox and then select the plug-in option to use. For information on plug-in choices and details, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*. In the above

figure, the Configuration Option Wholesale Franchise is selected and Actual Load Intersection is selected as Style/Color.

- c. If the domain was already created and needs to be overwritten, select Overwrite Existing Domain.
 - d. If Use Default GA Data is not selected, the input hierarchy and data files should have already been uploaded. Those should be present in the INCOMING_FTP_PATH directory.
 - e. After choosing all the necessary options, click **Next**.
6. Select the time to schedule the task and click **Next**.

Figure E-4 Schedule Task

7. Review the selections and click **Finish**.

Figure E-5 Verify and Confirm Selections

8. After submitting, review the status of that task in the Admin Task Status similar to any other standard administration tasks.
9. After the task is successfully completed, schedule the other task under the task group bootstrap, Restart RPAS Fusion Client, in order to bounce WebLogic for changes to the configuration and task flow files.

Note: Users will not be allowed in the application while building and patching the domain.

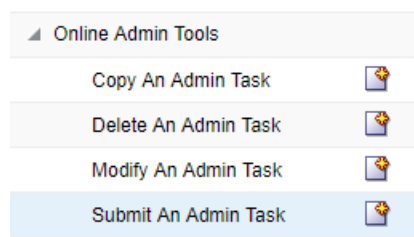
Self Service - Patching the MFP Cloud Service Application

This section describes the process of patching the MFP Cloud Service application using the Online Administration Tools. Once RPAS and MFP Cloud Service upgrade patches are installed in the Oracle Cloud environment, an application administrator will have the option to patch the domain with the latest changes to the current domain. The administrator also has the option to generate the configuration for different plug-in options and apply that patch. Before scheduling this task, the Administrator should ensure that no users are logged in to the application while patching the solution.

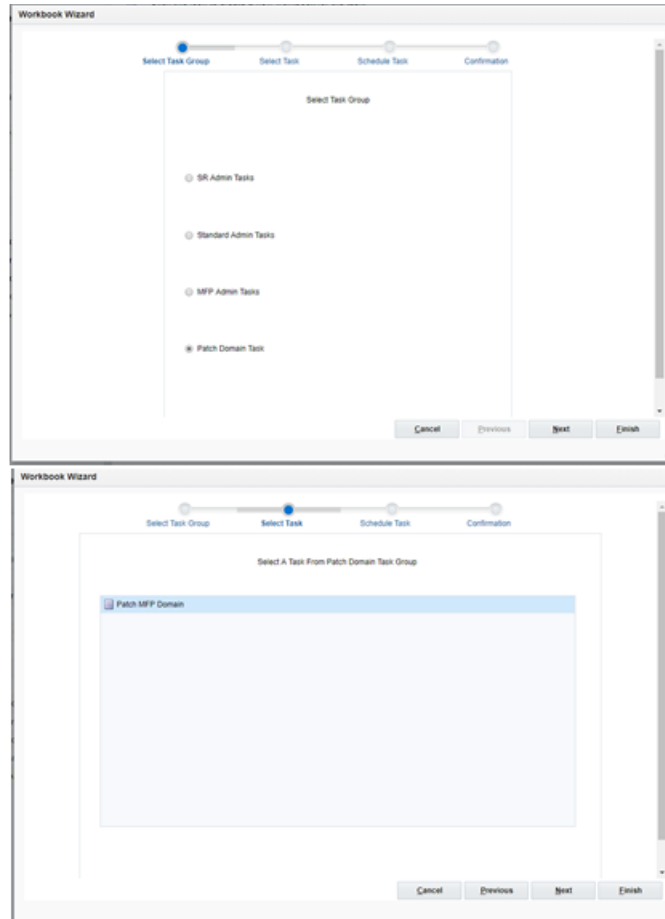
To patch the MFP Cloud Service application using Online Administration Tools:

1. After installing MFP Retail Cloud Service or MFP Cost Cloud Service, log in to the mfpccs or mfpccs as an Administration user.
2. In the Tasks list, select Administration for MFP CS Retail CS for MFP Retail (or MFP CS Cost CS for MFP Cost) and then Online Admin Tools. Click **Submit An Admin Task**.

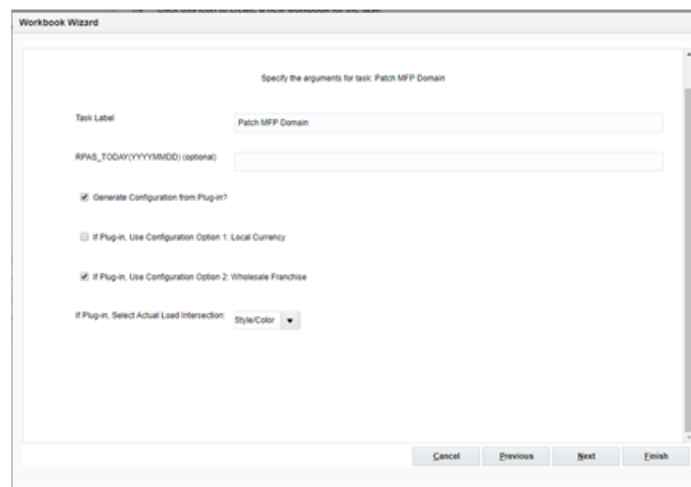
Figure E-6 Admin Tasks for MFP CS Retail Task



3. In the domain selection window, select the global domain and click **OK**.
4. Select Task Group, Patch Domain Task, and then click **Next**. Select Patch MFP Domain and then click **Next**.

Figure E-7 Select Patch MFP Cloud Service Domain Task

5. Set the arguments for the task:

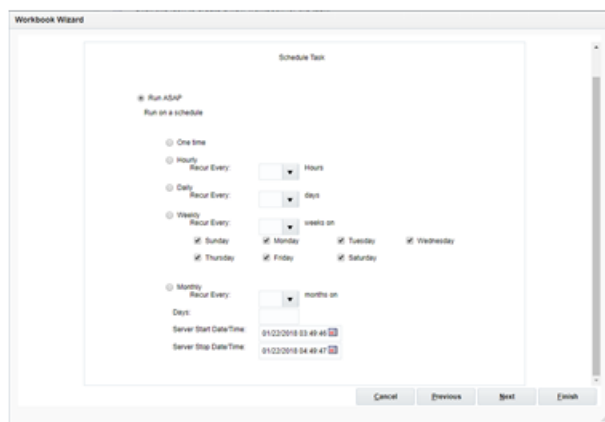
Figure E-8 Select Patch MFP Cloud Service Domain Task Arguments

- a. Enter the Task Label.
- b. To generate a configuration from a plug-in, check the Generate Configuration from Plug-in checkbox and then select the plug-in option to use. For

information on plug-in choices and details, see the *Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide*. In the above figure, the Configuration Option Wholesale Franchise is selected and Actual Load Intersection is selected as Style/Color.

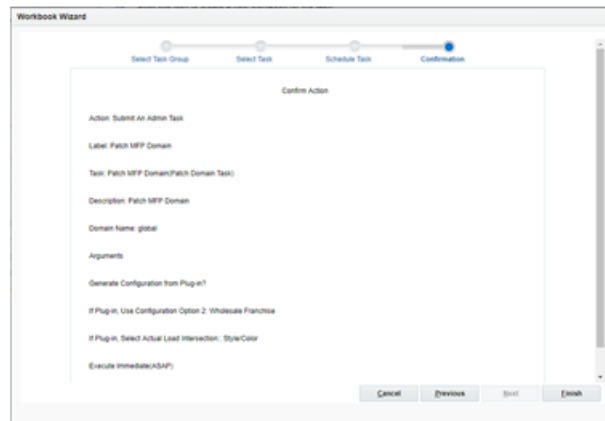
- c. After choosing all the necessary options, click **Next**.
6. Select the time to schedule the task and click **Next**.

Figure E-9 Schedule Task



7. Review the selections and click **Finish**.

Figure E-10 Verify and Confirm Selections



8. After submitting, review the status of that task in the dashboard similar to any other standard administration tasks.