

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

Implementation Guide

Release 19.0

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Oracle Retail Merchandise Financial Planning Cloud Service Implementation Guide,
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Preface

This document provides critical information about the processing and operating details of Oracle Retail Merchandise Financial Planning Cloud Service.

Audience

This document is for:

- Systems administration and operations personnel
- Systems analysts
- Integrators and implementers
- Business analysts who need information about Oracle Retail Merchandise Financial Planning Cloud Service processes and interfaces

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Related Documents

For more information, see the following documents in the Oracle Retail Merchandise Financial Planning Cloud Service Release 19.0 documentation set:

- *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*
- *Oracle Retail Merchandise Financial Planning Cloud Service Release Notes*
- *Oracle Retail Merchandise Financial Planning Cloud Service Starter Kit Guide*
- *Oracle Retail Merchandise Financial Planning Cost Cloud Service User Guide*
- *Oracle Retail Merchandise Financial Planning Retail Cloud Service User Guide*

Also, see the Oracle Retail Predictive Application Server Cloud Edition documentation set.

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

Conventions

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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.

Introduction

Oracle Retail Merchandise Financial Planning (MFP) Cloud Service provides strategic and financial product planning functions. These functions support industry planning standards for pre-season and in-season processes. For a more detailed overview of the functionality within MFP Cloud Service, see the *Oracle Retail Merchandise Financial Planning Cost Cloud Service User Guide* and *Oracle Retail Merchandise Financial Planning Retail Cloud Service User Guide*.

Contents of this Guide

This implementation guide addresses the following topics:

- [Chapter 1, "Introduction"](#). Overview of the MFP Cloud Service business workflow and skills needed for implementation.
- [Chapter 2, "Implementation Considerations"](#). Explanation of the factors to take into consideration before performing the implementation.
- [Appendix A, "Appendix: Exports"](#): List of measures for the available exports.
- [Appendix B, "Appendix: Integration with Oracle Retail Insights and Assortment & Item Planning Cloud Services"](#): Information for implementing the integrations.
- [Appendix C, "Appendix: Generating the Configuration for Plug-in Options"](#): Information needed for implementing plug-ins.
- [Appendix D, "Appendix: Data Load"](#): List of measures loaded as part of administration tasks.
- [Appendix E, "Appendix: RMF CS Integration"](#): Information needed for integrating with Oracle Retail Merchandising Foundation Cloud Service.
- [Appendix F, "Appendix: Application Specific Custom Functions, Procedures, and Expressions"](#): Information on custom functions available for MFP Cloud Service.
- [Appendix G, "Appendix: Extensibility"](#): Description of the rules and restrictions enforced to extend the MFP GA configuration, so as to preserve the customizations in future patch and upgrades.
- [Appendix H, "Appendix: Using BDI and PDS"](#): Description of integration with RMF CS using Bulk Data Interface (BDI) and Planning Data Storage (PDS).
- [Appendix I, "Appendix: Batch Schedule in JOS/POM"](#): Provides information about the list of jobs available for MFP.

Business Process Flow

Figure 1–1 shows a typical workflow for MFP Cloud Service.

Figure 1–1 Business Process Workflow

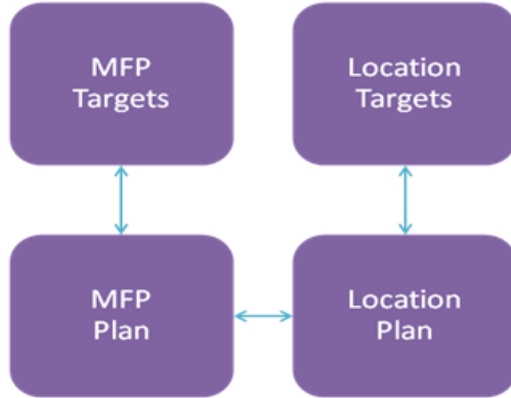


Table 1–1 describes the parts of the business process workflow in Figure 1–1.

Table 1–1 Business Process Workflow Components

Component	Description
MFP Targets	<ul style="list-style-type: none"> ▪ Planning Leader ▪ A combination of traditional Top Down and Middle Out Roles ▪ Plan Level is Department, Week, and Channel ▪ Plan Sales, Markdowns, and Inventory by Type plus Receipts
MFP Plan	<ul style="list-style-type: none"> ▪ Merch Planner ▪ Traditional Bottom Up Role ▪ Plan Level is Subclass, Week, and Channel ▪ Plan Sales, Markdowns, and Inventory by Type plus Receipts
Location Targets	<ul style="list-style-type: none"> ▪ Planning Leader or designate ▪ Create a version of LY Sales/Markdowns that is corrected for non-repeated events such as store closures due to bad weather, construction, and so on ▪ Plan Level is Company, Location, and Week ▪ Plan total sales, markdowns, and so on
Location Plan	<ul style="list-style-type: none"> ▪ Loc Planner ▪ Plan total sales, markdowns, and so on, through the use of average store metrics using a number of User Defined Hierarchies with Location attributes (comp, volume, size, climate, demographics, and so on) ▪ Plan level is Department, Location, and Week

Key Features of MFP Cloud Service

MFP Cloud Service provides the following features:

- Setting and passing targets

- Creating a financial plan in a structured method
- Plan reconciliation
- Plan approval
- Plan maintenance
- Replanning
- Plan monitoring

Skills Needed for Implementation

The implementer must have an understanding of the following applications and technical concepts.

Applications

The implementer must understand interface requirements of the integrated applications and data sources for the master data, demand, and inventory history. For full implementation, the implementer requires this knowledge for the following applications:

- Oracle Retail Predictive Application Server Cloud Edition (RPASCE)
- Oracle Retail Merchandise Financial Planning Cloud Service (MFP CS)
- Oracle Retail Merchandising System (RMS) or other merchandising system
- Oracle Retail Merchandising Foundation Cloud Service (RMF CS)

Technical Concepts

The implementer must understand the following technical concepts:

- UNIX system administration, shell scripts, and job scheduling
- Performance constraints based on the retailer's infrastructure
- Retailer's hierarchical data
- MFP Cloud Service batch processes
- Understanding of how RPASCE rule language works
- Understanding of measures and dimension constructs

Implementation Considerations

The following information must be considered before configuring MFP Cloud Service:

- [Configuration Considerations](#)
- [Data](#)
- [Integration](#)
- [User Roles and Security](#)
- [Internationalization](#)
- [Batch Process and Scheduling](#)

Configuration Considerations

MFP Retail Cloud Service and MFP Cost Cloud Service both provide the following configuration options for a retailer to implement. Each can be chosen with or without the Whole Sale Franchise option and Local Currency option using automation plug-ins. It also provides the option to choose the load intersection of data files between Item and Sub-Class.

For more information about generating configurations for the plug-in options using the Configuration Tools, see [Appendix C, "Appendix: Generating the Configuration for Plug-in Options"](#).

Whole Sale Franchise Option

Retailers having whole sale franchise capabilities and wanting to plan specific metrics to support those functions can choose the Whole Sale Franchise option. Selecting a provision with this option provides additional tasks in the task flow, worksheets, and measures to support this process. For more information about these tasks, see the *Oracle Retail Merchandise Financial Planning Cost Cloud Service User Guide* or *Oracle Retail Merchandise Financial Planning Retail Cloud Service User Guide*. If a provision containing this option is chosen, the retailer must also provide additional data files to support this process. For more details, see "[Data Files](#)".

Local Currency Option

Retailers who want to plan in both primary currency as well as local currency can chose provisions containing this option. Selecting provisions with this option provides additional tasks, worksheets, and measures to support this process. The retailer must set up the Local Currency conversion details in the administration workbooks specific to this option. For more information details, see the *Oracle Retail Merchandise Financial Planning Cost Cloud Service User Guide* or *Oracle Retail Merchandise Financial Planning Retail Cloud Service User Guide*.

Load Intersection Option

Retailers can change the load intersection to Item or Sub-class based on their availability of data. Irrespective of the option selected, the base intersection of all measures will still remain at the sub-class level. The above plug-in options will only change the load intersection; during data load, data will be aggregated and stored only at the sub-class level. This is done to avoid the domain size increase and reduce the batch window time. If the customer is using Planning Data Storage (PDS) for data storage, the load intersection should be at Item; the domain level base intersection can be at sub-class. The data will always be loaded at the Item level in PDS, but aggregated to the sub-class level for MFP.

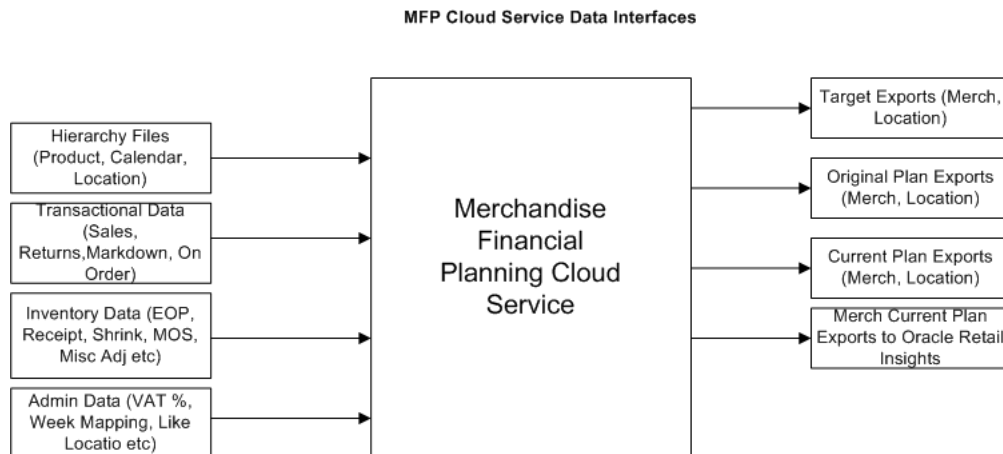
Apart from the plug-in options, MFP also supports the extensibility of the GA configuration to a certain extent to allow customers to customize the configuration on top of the GA configuration and preserve their changes during the upgrade and patch process. For more information about extensibility, see [Appendix G, "Appendix: Extensibility"](#).

Data

MFP Retail and Cost Cloud Service both need following sets of data from customers, which are broadly classified as hierarchy files and data files. The data is described in the following sections:

- [Hierarchy Files](#)
- [Data Files](#)

Figure 2–1 MFP Cloud Service Data Interfaces



Hierarchy Files

This is the foundation data to build any RPASCE solution. MFP Cloud Service requires the following three foundation hierarchy files: Calendar, Product, and Location. In addition, it also requires the Local Currency and VAT (Value Added Tax) Hierarchies.

Note: In all the hierarchy files, the hierarchy type User Defined Alternates (UDA) and data for those alternates do not need to be present in the hierarchy files. Administration users can directly set values for those alternates directly in the application. For more information, see the *Oracle Retail Predictive Application Server Cloud Edition Administration Guide*. If a retailer also provides these details in the hierarchy files, data for all user alternates for that hierarchy must be present in that file with header information.

Note: If hierarchy files contain header information, then columns can be in any order but the file name must be in the format <hier>.hdr.csv.dat. If the hierarchy files does not contain hierarchy header, the hierarchy data must be in same order as specified in the tables in the following sections without UDA dimensions. The file must be named <hier>.csv.dat.

For information on the hierarchy files, see the following sections:

- [Calendar Hierarchy File](#)
- [Product Hierarchy File](#)
- [Location Hierarchy File](#)
- [Currency Hierarchy File](#)
- [VAT Hierarchy File](#)
- [Custom Messages Hierarchy File](#)

Calendar Hierarchy File

File name: clnd.hdr.csv.dat

File format: comma-separated values file

The following table describes the fields in this file.

Name	Label	Hierarchy Type	Parent
DAY	Day	Main	None
WEEK	Week	Main	DAY
MNTH	Month	Main	WEEK
QRTR	Quarter	Main	MNTH
HALF	Half	Main	QRTR
YEAR	Year	Main	HALF
HLDY	Holiday	UDA	WEEK
EVNT	Event	UDA	WEEK
WOYR	Week of Year	Alternate	WEEK
STDB	STD/BTA	UDA	WEEK

Example:

```

day,day_label,week,week_label,mnth,mnth_label,qrtr,qrtr_label,half,half_
label_year,year_label,hldy,hldy_label,evnt,evnt_label,woyr,woyr_label,stdb,stdb_
label
20170129,1/29/2017,w01_2017,2/4/2017,m01_2017,Feb FY2017,q01_2017,Quarter1
FY2017,h1_2017,Half1 FY2017,a2017,FY2017,0,None,0,None,1,Week 01,0,0
20170130,1/30/2017,w01_2017,2/4/2017,m01_2017,Feb FY2017,q01_2017,Quarter1
FY2017,h1_2017,Half1 FY2017,a2017,FY2017,0,None,0,None,1,Week 01,0,0
20170131,1/31/2017,w01_2017,2/4/2017,m01_2017,Feb FY2017,q01_2017,Quarter1
FY2017,h1_2017,Half1 FY2017,a2017,FY2017,0,None,0,None,1,Week 01,0,0
20170201,2/1/2017,w01_2017,2/4/2017,m01_2017,Feb FY2017,q01_2017,Quarter1
FY2017,h1_2017,Half1 FY2017,a2017,FY2017,0,None,0,None,1,Week 01,0,0

```

Notes:

Though RPAS CE supports a string for position IDs, for calendar position week, it is preferred to use the date format YYYYMMDD. If the customer plans to use BDI or RMF CS integration, the day and week position IDs at which the data needs to be stored are in YYYYMMDD format.

Product Hierarchy File

File name: prod.hdr.csv.dat

File format: comma-separated values file

The following table describes the fields in this file.

Name	Label	Hierarchy Type	Parent
SKU	Item	Main	None
SCLS	Subclass	Main	SKUP
CLSS	Class	Main	SCLS
DEPT	Department	Main	CLSS
PGRP	Group	Main	DEPT
DVSN	Division	Main	PGRP
CMPP	Company	Main	DVSN
SCL1	Subclass Group 1	UDA	SCLS
SCL2	Subclass Group 2	UDA	SCLS
CLSG	Class Group	UDA	CLSS
CONS	Consignment/Non-Cons	UDA	SCLS

Example:

```

SKU,SKU_LABEL,SCLS,SCLS_LABEL,SCL1,SCL1_LABEL,SCL2,SCL2_LABEL,CLSS,CLSS_
LABEL,CLSG,CLSG_LABEL,DEPT,DEPT_LABEL,PGRP,PGRP_LABEL,DVSN,DVSN_LABEL,CMPP,CMPP_
LABEL,CONS,CONS_LABEL
22222222,22222222 Ground De-Caffeinated Can,100000,100000 Ground,110000,110000
Brewed,120000,120000 Bag-Jar-Can,10000,10000 Coffee,11001,11001 Coffee,1000,1000
Shelf Stable Beverages,100,100 Shelf Stable Grocery,10,10 Grocery,1,1
Acme,1,Consignment
44444444,44444444 Ground Regular - Caffeinated Can,100000,100000
Ground,110000,110000 Brewed,120000,120000 Bag-Jar-Can,10000,10000
Coffee,11001,11001 Coffee,1000,1000 Shelf Stable Beverages,100,100 Shelf Stable
Grocery,10,10 Grocery,1,1 Acme,1,Consignment
11111111,11111111 Ground De-Caffeinated Bag,100000,100000 Ground,110000,110000

```

```

Brewed,120000,120000 Bag-Jar-Can,10000,10000 Coffee,11001,11001 Coffee,1000,1000
Shelf Stable Beverages,100,100 Shelf Stable Grocery,10,10 Grocery,1,1
Acme,1,Consignment
33333333,33333333 Ground Regular - Caffeinated Bag,100000,100000
Ground,110000,110000 Brewed,120000,120000 Bag-Jar-Can,10000,10000
Coffee,11001,11001 Coffee,1000,1000 Shelf Stable Beverages,100,100 Shelf Stable
Grocery,10,10 Grocery,1,1 Acme,1,Consignment

```

Notes:

Even though in MFP Cloud Edition, users will not see any local domain details within in the UI. During implementation, domains will get partitioned based on the PGRP (Group) dimension to support parallel processing during batch process.

In MFP Cloud Service, the lowest level of planning is done at the Subclass level. It also needs aggregated actual data only at the subclass level. Base MFP configuration is defined to load actual data only at the Subclass level, but the lowest hierarchy level is still defined at the Item Level to support integrations with RMS.

During implementation, the following options are available:

- If a retailer has all the actual data readily available at the Item level and wants to load flat file integration and do aggregation to the subclass level within MFP, the retailer can load items in the hierarchy. It involves changing the labeled intersection #Act_Load_Int# in the configuration to load actual at the Item level, which can be done through the Plug-in Configuration Options during domain installation. This increases the domain size considerably in a cloud environment and also increases the batch processing time.
- If domain size is a constraint and the retailer can provide pre-aggregated data at the Subclass level, no change is needed to the configuration. The retailer can ignore loading the style/color in the hierarchy file by loading the same subclass data in place of style/color.

If the hierarchy and data load are both at the Style/Color level, during item reclassifications at the Style/Color level, reloading the hierarchy with correct classifications and running the weekly batch calculations moves the correct historical data into the application. However, since the data within the domain is stored only at the Subclass level, during reclassifications at the item level, the historical data must be reloaded again. See [Appendix E, "Appendix: RMF CS Integration"](#).

Location Hierarchy File

File name: loc.hdr.csv.dat

File format: comma-separated values file

The following table describes the fields in this file.

Name	Label	Hierarchy Type	Parent
STOR	Location	Main	None
DSTR	District	Main	STOR
REGN	Region	Main	DSTR
CHNL	Channel	Main	REGN
CHAN	Chain	Main	CHNL
COMP	Company	Main	CHAN
LOCT	Location Type	Alternate	STOR

Name	Label	Hierarchy Type	Parent
PHWH	Physical Warehouse	Alternate	STOR
FFLT	Fulfillment Type	Alternate	STOR
CHNG	Chain Group	UDA	CHAN
RGNG	Region Group	UDA	REGN
DSTG	District Group	UDA	DSTR
CTRY	Country	UDA	CHNL
SCST	Store Comp Status	UDA	STOR
CLMT	Climate	UDA	STOR
SPCE	Space	UDA	STOR
INCM	Income	UDA	STOR
STRV	Total Store Volume	UDA	STOR
STP1	Location Alternate 1	UDA	STOR
STP2	Location Alternate 2	UDA	STOR

Example:

```

STOR,STOR_LABEL,DSTR,DSTR_LABEL,REGN,REGN_LABEL,CHNL,CHNL_LABEL,CHAN,CHAN_
LABEL,COMP,COMP_LABEL,LOCT,LOCT_LABEL,PHWH,PHWH_LABEL,FFLT,FFLT_LABEL,CHNG,CHNG_
LABEL,RGNG,RGNG_LABEL,DSTG,DSTG_LABEL,CTRY,CTRY_LABEL,SCST,SCST_LABEL,CLMT,CLMT_
LABEL,SPCE,SPCE_LABEL,INCM,INCM_LABEL,STRV,STRV_LABEL,STP1,STP1_LABEL,STP2,STP2_
LABEL
1000,1000 Charlotte,1070,North Carolina,170,Mid-Atlantic,1,Brick &
Mortar,1,US,1,Retailer Ltd,1,Store,WH-1,Warehouse - US,1,Store Pick Up / Take
With,1,North America,1,North,170,Mid-Atlantic,1,USA,3,Comp,6,Mixed Humid,1,Very
Large,1,Ultra,1,A,NA,Not Assigned,NA,Not Assigned
1001,1001 Atlanta,1023,Georgia,400,South Atlantic,1,Brick & Mortar,1,US,1,Retailer
Ltd,2,Kiosk,WH-1,Warehouse - US,2,Deliver/Install at Customer ,1,North
America,2,South,400,South Atlantic,1,USA,3,Comp,7,Hot
Humid,3,Medium,2,High,6,F,NA,Not Assigned,NA,Not Assigned
1002,1002 Dallas,1104,Texas,230,Gulf States,1,Brick & Mortar,1,US,1,Retailer
Ltd,1,Store,WH-1,Warehouse - US,3,Home Delivery,1,North America,2,South,230,Gulf
States,1,USA,3,Comp,4,Hot Dry,3,Medium,3,Middle,6,F,NA,Not Assigned,NA,Not
Assigned

```

Currency Hierarchy File

The Currency Hierarchy file is used to define unique currencies to be used in the application. The retailer can customize this hierarchy during implementation and can use the GA dataset hierarchy as a reference. If the Local Currency provision option is enabled during implementation, this hierarchy is loaded, and currency conversion rates are set in the Local Currency Setup workbook. Users can review the plan data in more than one currency.

File name: curh.hdr.csv.dat

File format: comma-separated values file

The following table describes the fields in this file.

Name	Description
Currency	This is the unique currency. The plan data can be converted when the Local Currency provision option is enabled.

Example:

```
curr,curr_label
USD,USD
EUR,EUR
GBP,GBP
BRL,BRL
JPY,JPY
DKK,DKK
KRW,KRW
```

VAT Hierarchy File

The VAT hierarchy file is used to define unique Value Added Tax to be used in the application. The retailer can customize this hierarchy during implementation and can use the GA dataset hierarchy as a reference. Users can set more than one VAT group and VAT rates for them in the administration workbooks. Then, users have the options to choose any one VAT group to use within the solution.

File name: vath.hdr.csv.dat

File format: comma-separated values file

The following table describes the fields in this file.

Name	Description
VAT Group	This is the unique VAT group used to define different VAT rates that can be used within the application.

Example:

```
vatb,vatb_label
"VAT00","Zero Rate"
"VAT05","Reduced Rate"
"VAT20","Standard Rate"
```

Custom Messages Hierarchy File

MFP Cloud Service also has an additional internal hierarchy for custom messages used in the application called Custom Messages Hierarchy (CMSH). Custom messages used in the application are pre-configured in that hierarchy file and, unless a retailer needs different custom messages, that file does not need to be changed.

File name: cms.hdr.csv.dat

File format: comma-separated values file

The following table describes the fields in this file.

Name	Label	Hierarchy Type	Parent
CMSD	Messages	Main	None

Example:

"CMS01","Seeding completed successfully!"

"CMS02","Seeding not successful. Please select Wp Seed Source."

Data Files

The following tables describe the data files (measures) needed, base intersection, data type, measure type, required/option, and expected data source details. In the Data Source column, DW means any Data Warehouse or equivalent system, RMS means Oracle Retail Merchandising Foundation Cloud Service (RMF CS) or its equivalent, and Internal means either any retailer internal system or administration user.

Note: The selected value for each file in the Required/Optional column in the following tables is specific to the Provision option chosen. If the Wholesale Franchise Provision option is chosen for implementation, all wholesale franchise specific measures are required.

To simplify the integration, all measure files are configured to be loaded as one measure per file. Each measure's data must be present in a separate file and the file name must be the same as measure name with the extension .csv.ovr. All files must be in csv format. Though measures are marked as required, if required measure files, only data for that measure will not be loaded and may have some functional impacts in application usage.

Example:

Measure: drtysls1r

Base Intersection: week/scls/stor

Data Type: real

File Name: drtysls1r.csv.ovr

w01_2016,100000,1000,610.62
w02_2016,100000,1000,1938.61
w03_2016,100000,1000,1903.9
w04_2016,100000,1000,1291.73

MFP Retail Cloud Service Input Measure List

The following table lists the input data for an MFP Retail Cloud Service implementation:

Table 2–1 MFP Retail Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtysls1r	Ty Sales Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtysls1u	Ty Sales Reg+Promo U	week/scls/stor	real	Actual	required	DW/RMS
drtysls2r	Ty Sales Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtysls2u	Ty Sales Clr U	week/scls/stor	real	Actual	required	DW/RMS

Table 2-1 (Cont.) MFP Retail Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtyrtn1r	Ty Returns Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn1u	Ty Returns Reg+Promo U	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn2r	Ty Returns Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn2u	Ty Returns Clr U	week/scls/stor	real	Actual	required	DW/RMS
drtymkd1r	Ty Markdown Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtymkd2r	Ty Markdown Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtymkdwfr	Ty Markdown due to W/F R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtyinvdv1r	Ty Inv Devaluation Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtyinvdv2r	Ty Inv Devaluation Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtyeop1c	Ty EOP Reg+Promo C	week/scls/stor	real	Actual	required	DW/RMS
drtyeop1r	Ty EOP Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtyeop1u	Ty EOP Reg+Promo U	week/scls/stor	real	Actual	required	DW/RMS
drtyeop2c	Ty EOP Clr C	week/scls/stor	real	Actual	required	DW/RMS
drtyeop2r	Ty EOP Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtyeop2u	Ty EOP Clr U	week/scls/stor	real	Actual	required	DW/RMS
drtyrcptc	Ty Receipts C	week/scls/stor	real	Actual	required	DW/RMS
drtyrcptr	Ty Receipts R	week/scls/stor	real	Actual	required	DW/RMS
drtyrcptu	Ty Receipts U	week/scls/stor	real	Actual	required	DW/RMS
drtyshrkc	Ty Shrink C	week/scls/stor	real	Actual	required	DW/RMS
drtyshrkr	Ty Shrink R	week/scls/stor	real	Actual	required	DW/RMS
drtyshrku	Ty Shrink U	week/scls/stor	real	Actual	required	DW/RMS
drtymosc	Ty MOS C	week/scls/stor	real	Actual	required	DW/RMS
drtymosr	Ty MOS R	week/scls/stor	real	Actual	required	DW/RMS
drtymosu	Ty MOS U	week/scls/stor	real	Actual	required	DW/RMS
drtymiscadjr	Ty Misc Adj R	week/scls/stor	real	Actual	optional	DW
drtymiscadju	Ty Misc Adj U	week/scls/stor	real	Actual	optional	DW
drtyroyalr	Ty Royalties R	week/scls/stor	real	Actual	optional	DW
drtyvndfndr	Ty Vendor Funds R	week/scls/stor	real	Actual	required	DW/RMS

Table 2–1 (Cont.) MFP Retail Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtywfmkdr	Ty W/F Markdown R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtywfmkur	Ty W/F Markup R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtyconsinvr	Ty Cons Inv R	week/scls/stor	real	Actual	optional	DW
drtyoou	Ty On Order U	week/scls/stor	real	Transactional	required	RMS
drtyoor	Ty On Order R	week/scls/stor	real	Transactional	required	RMS
drtyooc	Ty On Order C	week/scls/stor	real	Transactional	required	RMS
drtycogsr	Ty COGS Adj R	week/scls/stor	real	Actual	optional	DW/RMS
addvvatvp	VAT %	week/scls/chnl	real	Admin	required	Internal
addvwpocb	W/F Location	stor	Boolean	Admin	required/optional	Internal
addvlcratex	Local Currency Rate	week/chnl	real	Admin	required/optional	Internal
addvlcratet	Local Currency Symbol	chnl	text	Admin	required/optional	Internal
addvpocdesct	Location Description	stor	text	Admin	required	Internal
addvpocstatt	Location Status	stor	text	Admin	required	Internal
addvpocsqmv	Square Meter	dept/stor	real	Admin	required	Internal
addvlikepocd	Like Location End Date	stor	date	Admin	required	Internal
addvlikepoc	Like Location	stor	text	Admin	required	Internal
addvlagl2t	Lag Lly	week	text	Admin	required	Internal
addvlaglyt	Lag Ly	week	text	Admin	required	Internal
addvchnlmapt	Channel Type	chnl	text	Admin	required	Internal
addvchwhmapt	Warehouse - Channel Mapping	stor	text	Admin	optional	Internal
drtybopisvp	Ty Buy Online Pick-Up in Store %	week/scls	text	Admin	optional	Internal
drtyborisvp	Ty BORIS %	week/scls	text	Admin	optional	Internal
drtyborovp	Ty BORO %	week/scls	text	Admin	optional	Internal
drtyincngstku	Ty Store to Warehouse Restocking \$/ U	week/scls	text	Admin	optional	Internal
drtyonstku	Ty Warehouse Restocking \$/ U	week/scls	text	Admin	optional	Internal
drtystrstku	Ty Store Restocking \$/ U	week/scls	text	Admin	optional	Internal

Table 2-1 (Cont.) MFP Retail Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtymtdvp	Ty Return Back to Online %	week/scls	text	Admin	optional	Internal
drtymtd1u	Ty Return Back to Online (Reg+Promo) U	week/scls/stor	real	Actual	optional	DW
drtymtd1r	Ty Return Back to Online (Reg+Promo) R	week/scls/stor	real	Actual	optional	DW
drtymtd2u	Ty Return Back to Online (Clr) U	week/scls/stor	real	Actual	optional	DW
drtymtd2r	Ty Return Back to Online (Clr) R	week/scls/stor	real	Actual	optional	DW
drtyims1u	Ty Pick up in Store (Reg+Promo) U	week/scls/stor	real	Actual	optional	DW
drtyims1r	Ty Pick up in Store (Reg+Promo) R	week/scls/stor	real	Actual	optional	DW
drtyims2u	Ty Pick up in Store (Clr) U	week/scls/stor	real	Actual	optional	DW
drtyims2r	Ty Pick up in Store (Clr) R	week/scls/stor	real	Actual	optional	DW
drtystc1u	Ty Ship to Customer (Reg+Promo) U	week/scls/stor	real	Actual	optional	DW
drtystc1r	Ty Ship to Customer (Reg+Promo) R	week/scls/stor	real	Actual	optional	DW
drtystc2u	Ty Ship to Customer (Clr) U	week/scls/stor	real	Actual	optional	DW
drtystc2r	Ty Ship to Customer (Clr) R	week/scls/stor	real	Actual	optional	DW
drtybos1u	Ty BOS Reg+Promo U	scls/stor	real	Actual	optional	DW
drtybos2u	Ty BOS Clr U	scls/stor	real	Actual	optional	DW
drtybos1c	Ty BOS Reg+Promo C	scls/stor	real	Actual	optional	DW
drtybos2c	Ty BOS Clr C	scls/stor	real	Actual	optional	DW
drtybos1r	Ty BOS Reg+Promo R	scls/stor	real	Actual	optional	DW
drtybos2r	Ty BOS Clr R	scls/stor	real	Actual	optional	DW
drtytrafficu	Ty Traffic U	week/scls/stor	real	Transactional	optional	DW
drtydemandu	Ty Demand U	week/scls/stor	real	Transactional	optional	DW
drtycancu	Ty Cancel U	week/scls/stor	real	Transactional	optional	DW

Table 2–1 (Cont.) MFP Retail Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtyfulfillu	Ty Fulfilled U	week/scls/stor	real	Transactional	optional	DW
drtybocancu	Ty Backorder Cancel U	week/scls/stor	real	Transactional	optional	DW
drtybofulfillu	Ty Backorder Fulfilled U	week/scls/stor	real	Transactional	optional	DW

MFP Cost Cloud Service Input Measure List

The following table lists the input data for an MFP Cost Cloud Service implementation:

Table 2–2 MFP Cost Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtycls1r	Ty Sales Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtycls1u	Ty Sales Reg+Promo U	week/scls/stor	real	Actual	required	DW/RMS
drtycls2r	Ty Sales Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtycls2u	Ty Sales Clr U	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn1r	Ty Returns Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn1u	Ty Returns Reg+Promo U	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn2r	Ty Returns Clr R	week/scls/stor	real	Actual	required	DW/RMS
drtyrtn2u	Ty Returns Clr U	week/scls/stor	real	Actual	required	DW/RMS
drtycls1c	Ty Net Sales Reg+Promo C	week/scls/stor	real	Actual	required	DW/RMS
drtycls2c	Ty Net Sales Clr C	week/scls/stor	real	Actual	required	DW/RMS
drtymkd1r	Ty Markdown Reg+Promo R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtymkd2r	Ty Markdown Clr R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtymkdwfr	Ty Markdown due to W/F R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtyeop1c	Ty EOP Reg+Promo C	week/scls/stor	real	Actual	required	DW/RMS
drtyeop1r	Ty EOP Reg+Promo R	week/scls/stor	real	Actual	required	DW/RMS
drtyeop1u	Ty EOP Reg+Promo U	week/scls/stor	real	Actual	required	DW/RMS
drtyeop2c	Ty EOP Clr C	week/scls/stor	real	Actual	required	DW/RMS
drtyeop2r	Ty EOP Clr R	week/scls/stor	real	Actual	required	DW/RMS

Table 2–2 (Cont.) MFP Cost Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtyeop2u	Ty EOP Clr U	week/scls/stor	real	Actual	required	DW/RMS
drtyrcptc	Ty Receipts C	week/scls/stor	real	Actual	required	DW/RMS
drtyrcptr	Ty Receipts R	week/scls/stor	real	Actual	required	DW/RMS
drtyrcptu	Ty Receipts U	week/scls/stor	real	Actual	required	DW/RMS
drtyshrkc	Ty Shrink C	week/scls/stor	real	Actual	required	DW/RMS
drtyshrku	Ty Shrink U	week/scls/stor	real	Actual	required	DW/RMS
drtymosc	Ty MOS C	week/scls/stor	real	Actual	required	DW/RMS
drtymosu	Ty MOS U	week/scls/stor	real	Actual	required	DW/RMS
drtymiscadjc	Ty Misc Adj C	week/scls/stor	real	Actual	optional	DW
drtymiscadju	Ty Misc Adj U	week/scls/stor	real	Actual	optional	DW
drtyroyalr	Ty Royalties R	week/scls/stor	real	Actual	optional	DW
drtyvndfndr	Ty Vendor Funds R	week/scls/stor	real	Actual	optional	DW/RMS
drtywfmkdr	Ty W/F Markdown R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtywfmkur	Ty W/F Markup R	week/scls/stor	real	Actual	required/optional	DW/RMS
drtyconsinvc	Ty Cons Inv C	week/scls/stor	real	Actual	optional	DW
drtytrafficu	Ty Traffic Count U	week/scls/stor	real	Transactional	optional	DW
drtytransactu	Ty Transaction Count U	week/scls/stor	real	Transactional	optional	DW
drtyoou	Ty On Order U	week/scls/stor	real	Transactional	required	RMS
drtyooc	Ty On Order C	week/scls/stor	real	Transactional	required	RMS
drtybos1u	Ty BOS Reg+Promo U	scls/stor	real	Actual	optional	DW
drtybos2u	Ty BOS Clr U	scls/stor	real	Actual	optional	DW
drtybos1c	Ty BOS Reg+Promo C	scls/stor	real	Actual	optional	DW
drtybos2c	Ty BOS Clr C	scls/stor	real	Actual	optional	DW
addvvatvp	VAT %	week/scls/chnl	real	Admin	required	Internal
addvwfpoeb	W/F Location	stor	Boolean	Admin	required/optional	Internal
addvlcratex	Local Currency Rate	week/chnl	real	Admin	required/optional	Internal
addvlcratet	Local Currency Symbol	chnl	text	Admin	required/optional	Internal
addvpocdesct	Location Description	stor	text	Admin	required	Internal
addvpocstatt	Location Status	stor	text	Admin	required	Internal

Table 2–2 (Cont.) MFP Cost Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
addvpocsqmv	Square Meter	dept/stor	real	Admin	required	Internal
addvlikepocd	Like Location End Date	stor	date	Admin	required	Internal
addvlikepoc	Like Location	stor	text	Admin	required	Internal
addvlagl2t	Lag Lly	week	text	Admin	required	Internal
addvlaglyt	Lag Ly	week	text	Admin	required	Internal
addvchnlmapt	Channel Type	chnl	text	Admin	required	Internal
addvchwhmapt	Warehouse - Channel Mapping	stor	text	Admin	optional	Internal
drtybopisvp	Ty Buy Online Pick-Up in Store %	week/scls	text	Admin	optional	Internal
drtyborisvp	Ty BORIS %	week/scls	text	Admin	optional	Internal
drtyborovp	Ty BORO %	week/scls	text	Admin	optional	Internal
drtyincngstku	Ty Store to Warehouse Restocking \$/ U	week/scls	text	Admin	optional	Internal
drtyonstku	Ty Warehouse Restocking \$/ U	week/scls	text	Admin	optional	Internal
drtystrstku	Ty Store Restocking \$/ U	week/scls	text	Admin	optional	Internal
drtymtdvp	Ty Return Back to Online %	week/scls	text	Admin	optional	Internal
drtymtd1u	Ty Return Back to Online (Reg+Promo) U	week/scls/stor	real	Actual	optional	DW
drtymtd1r	Ty Return Back to Online (Reg+Promo) R	week/scls/stor	real	Actual	optional	DW
drtymtd2u	Ty Return Back to Online (Clr) U	week/scls/stor	real	Actual	optional	DW
drtymtd2r	Ty Return Back to Online (Clr) R	week/scls/stor	real	Actual	optional	DW
drtyims1u	Ty Pick up in Store (Reg+Promo) U	week/scls/stor	real	Actual	optional	DW
drtyims1r	Ty Pick up in Store (Reg+Promo) R	week/scls/stor	real	Actual	optional	DW
drtyims1c	Ty Pick up in Store (Reg+Promo) C	week/scls/stor	real	Actual	optional	DW
drtyims2u	Ty Pick up in Store (Clr) U	week/scls/stor	real	Actual	optional	DW

Table 2–2 (Cont.) MFP Cost Cloud Service Input Measure List

Measure Name	Measure Label	Base Intersection	Data Type	Measure Type	Required or Optional?	Data Source
drtyims2r	Ty Pick up in Store (Clr) R	week/scls/stor	real	Actual	optional	DW
drtyims2c	Ty Pick up in Store (Clr) C	week/scls/stor	real	Actual	optional	DW
drtystc1u	Ty Ship to Customer (Reg+Promo) U	week/scls/stor	real	Actual	optional	DW
drtystc1r	Ty Ship to Customer (Reg+Promo) R	week/scls/stor	real	Actual	optional	DW
drtystc1c	Ty Ship to Customer (Reg+Promo) C	week/scls/stor	real	Actual	optional	DW
drtystc2u	Ty Ship to Customer (Clr) U	week/scls/stor	real	Actual	optional	DW
drtystc2r	Ty Ship to Customer (Clr) R	week/scls/stor	real	Actual	optional	DW
drtystc2c	Ty Ship to Customer (Clr) C	week/scls/stor	real	Actual	optional	DW
drtytrafficu	Ty Traffic U	week/scls/stor	real	Transactional	optional	DW
drtydemandu	Ty Demand U	week/scls/stor	real	Transactional	optional	DW
drtycancu	Ty Cancel U	week/scls/stor	real	Transactional	optional	DW
drtyfulfillu	Ty Fulfilled U	week/scls/stor	real	Transactional	optional	DW
drtybocancu	Ty Backorder Cancel U	week/scls/stor	real	Transactional	optional	DW
drtybofulfillu	Ty Backorder Fulfilled U	week/scls/stor	real	Transactional	optional	DW

Historical Data

It is recommended that you have at least two years of historical sales and inventory data for creating MFP targets. Less data can be used, but the more data that is available, the more statistical significance can be given to the MFP targets.

It is also important to have two years of history to produce an optimal forecast. Both MFP Cost and Retail Cloud Service use the embedded forecast.

Note: Ty BOS measures (drtybos*) are optional. These measures are the very first week BOP values within the domain. If they are not loaded, it will only affect the very first period inventory within the domain. For the rest of the weeks, the loaded previous period EOP will be used as BOP after the weekly batch. When the calendar is purged, Ty BOS will be reset by the weekly batch.

Loading and Extracting Data

Data is loaded into MFP Cloud Service using the Online Administration Tools, which in turn use standard RPASCE services. For more information on loading and extracting data using Online Administration Tools, see the *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*.

The measure data load is grouped based on the frequency of the data load. For the list of measures loaded for different data load groups, see [Appendix D, "Appendix: Data Load"](#).

Integration

MFP Cloud Service supports the integration of hierarchy and data files from RMF CS or other source systems. For details about integration with RMF CS, see [Appendix E, "Appendix: RMF CS Integration"](#).

If not integrating with RMF CS, then retailers must extract and provide the hierarchy files and data files from their respective source systems as flat files in the required format and upload them to the Oracle Cloud SFTP server. The automated process sends those files over to the RPASCE Server and from there the files can be accessed by the batch process triggered using the Online Administration Tools. In the same way, exported files in CSV format from the solution are pushed back to the Oracle Cloud SFTP server and from there retailers can download the extracted files. The retailer must integrate it with any other system that requires extracted plan data from MFP Cloud Service.

Integration with Oracle Retail Insights and Oracle Retail Item Planning Cloud Service/Shared Services is enabled through the Online Administration Tool tasks to export plan data to RI and Shared Services. For information on the integration and file format, see [Appendix B, "Appendix: Integration with Oracle Retail Insights and Assortment & Item Planning Cloud Services"](#). For more information on the tasks, see the *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*.

User Roles and Security

To define workbook template security, the system administrator grants individual users, or user groups, access to specific workbook templates. Granting access to workbook templates provides users with the ability to create, modify, save, and commit workbooks for the assigned workbook templates. Users are typically assigned to groups based on their user application (or solution) role. Users in the same group can be given access to workbook templates that belong to that group alone. Users can be assigned to more than one group and granted workbook template access without belonging to the user group that typically uses a specific workbook template. Workbook access is either denied, read-only, or full access. Read-only access allows a user to create a workbook for the template, but the user is not able to edit any values or commit the workbook. The read-only workbook can be refreshed.

Note: Users must have access to workbooks based on their role. The administrator must always follow the principal of least privilege; that is, each user must only be granted access to the product areas for which the user is responsible.

The following table provides guidance regarding which MFP users must have access to each of the workbooks.

Table 2–3 User's Access Permission for MFP Workbooks

Workbook	User Roles
MFP Admin	Merchandise Financial Planner Administrator or Manager
Merch Plan Targets	Merchandise Financial Planning Manager/Executive
Merch Plan	Merchandise Financial Planner
Location Plan Targets	Merchandise Financial Planning Manager/Executive
Location Plan	Merchandise Financial Planner

For more information on security, see the *Oracle Retail Predictive Application Server Cloud Edition Administration Guide*. For more information on data security in a cloud environment, see the Hosting Policy documents for the cloud solution.

Internationalization

Internationalization is the process of creating software that can be translated more easily. Changes to the code are not specific to any particular market.

Oracle Retail applications have been internationalized to support multiple languages.

The RPASCE platform supports associated solution extensions and solution templates.

- A solution extension includes a collection of code and generally available configurations. Typically, solution extensions are implemented by a retailer with minimal configuration.
- A solution template does not include code. A solution template is most typically implemented as a retailer configuration.

Oracle Retail releases the translations of the RPASCE server and client, as well as strings from the solution extensions.

Translations of the solution templates are not released. Since the labels for measures, hierarchies, dimensions, and workbook templates are typically changed by the retailer at implementation time, languages for the templates are not released. All templates have the ability to support multi-byte characters.

For more information on internationalization, see the *Oracle Retail Predictive Application Server Cloud Service Administration Guide*.

Translations are available for MFP Cloud Service for the following languages:

- Dutch
- French
- German
- Italian
- Japanese
- Portuguese
- Spanish

Batch Process and Scheduling

Batch services are lists of commands or jobs executed without human intervention. A batch window is the time frame in which the batch process must run. It is the upper limit on how long the batch can take. Batch services are used for importing and exporting data and for generating targets. The retailer must decide the best time for running the batch process within the available batch window.

How often to upload updated sales and inventory data and how often to re-create targets must be determined.

- The retailer must consider at what interval to load the latest sales and inventory data. Though the source transaction system is likely to change daily, the retailer must consider how frequently to load the actualized sales and inventory data. A weekly load of transactional type data is supported, since the base intersection is at week. It is recommended that some information from a transactional system, such as RMS, be loaded daily. For example, On-Order that can change on a daily basis.
- Product availability and seasonal changes can be reasons for recalculating the targets. This can also be triggered by the addition of new products and availability of substantial new sales and inventory history.

The recommended batch schedule for MFP Cloud Service is to load historical and actual data on a weekly basis. All hierarchy changes can be loaded on a weekly or monthly basis.

In MFP Cloud Service, batch tasks can be controlled by a system administrator by using the Online Administration Tools. The tools are a predefined set of online administration tasks that are pre-configured for MFP Cloud Service. Those tasks, in turn, call the required batch services with preset parameters to perform the required tasks. For more information on the Online Administration Tool tasks, see the *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*.

In MFP Cloud Service, the entire batch process is controlled using a set of batch control files and the RPAS Enterprise Edition framework. A predefined set of batch services reads those control files during the batch process. Though users cannot make any changes to underlying batch services/scripts, they can make some changes to batch control files to support their batch schedule.

During upgrade or patches, any changes to base control files will be automatically updated. So during each upgrade/patch process, the retailer should maintain any changes to their control files that are uploaded by them.

For more details about the list of batch control files, the batch process using them, and details about updating them, see the Enterprise Edition Batch framework in the *Oracle Retail Predictive Application Server Cloud Edition Implementation Guide*.

The customer can also use JOS/POM if implemented to schedule pre-configured daily and weekly batch tasks in MFP. Those tasks scheduled using JOS/POM in turn call the same Configured batch tasks under the Online Administration Tool tasks. For more details about scheduling of tasks using JOS/POM, see the *Oracle Retail Predictive Application Server Cloud Service Administration Guide*. For details about the application-specific tasks, see [Appendix I, "Appendix: Batch Schedule in JOS/POM"](#).

Appendix: Exports

The tables in this appendix list the measures for the MFP Cloud Service exports.

MFP Cloud Service provides exports of multiple versions of approved and working plan data for all major workbook templates Merch Target, Merch Plan, Location Target, and Location Plan. Exported approved plans (Current Plan and Original Plan) data can be used by a retailer to interface with any other applications for reporting purposes or as input to other systems that need MFP Plan data. All exported files are in CSV format.

For more information related to extracted measures, the approval process, and the administration process related to export, see the *Oracle Retail Merchandise Financial Planning Retail Cloud Service User Guide* and *Oracle Retail Merchandise Financial Planning Cost Cloud Service User Guide*.

MFP Retail Cloud Service Exports

This section lists the measures for the MFP Retail Cloud Service exports.

MFP Retail Cloud Service Merch Plan - Current Plan Export

Export Version Name: Merch Plan - Current Plan

Export Version: mpcp

Export Mask Measure: MP Cp Export

Exported File: export_mpcp.dat

Table A-1 MFP Retail Cloud Service Merch Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPCPBOP1R	Cp BOP Reg+Promo R	real	pst
MPCPBOP1U	Cp BOP Reg+Promo U	real	pst
MPCPBOP2R	Cp BOP Clr R	real	pst
MPCPBOP2U	Cp BOP Clr U	real	pst
MPCPBOPC	Cp BOP C	real	pst
MPCPBOPR	Cp BOP R	real	pst

Table A-1 (Cont.) MFP Retail Cloud Service Merch Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPCPBOPU	Cp BOP U	real	pst
MPCPConsInvR	Cp Cons Inv R	real	total
MPCPEOP1R	Cp EOP Reg+Promo R	real	pet
MPCPEOP1U	Cp EOP Reg+Promo U	real	pet
MPCPEOP2R	Cp EOP Clr R	real	pet
MPCPEOP2U	Cp EOP Clr U	real	pet
MPCPEOPC	Cp EOP C	real	pet
MPCPEOPR	Cp EOP R	real	pet
MPCPEOPU	Cp EOP U	real	pet
MPCPGMR	Cp GM R	real	total
MPCPInvAdjR	Cp Inv Adj R	real	total
MPCPInvAdjU	Cp Inv Adj U	real	total
MPCPMiscAdjR	Cp Misc Adj R	real	total
MPCPMiscAdjU	Cp Misc Adj U	real	total
MPCPMkd1R	Cp Markdown Reg+Promo R	real	total
MPCPMkd2R	Cp Markdown Clr R	real	total
MPCPMkdR	Cp Markdown R	real	total
MPCPMkdWFR	Cp Markdown due to W/F R	real	total
MPCPInvDV1R	Cp Inv Devaluation Reg+Promo R	real	total
MPCPInvDV2R	Cp Inv Devaluation Clr R	real	total
MPCPMOCR	Cp Move to Clr R	real	total
MPCPMOCU	Cp Move to Clr U	real	total
MPCPMOSC	Cp MOS C	real	total
MPCPMOSR	Cp MOS R	real	total
MPCPMOSU	Cp MOS U	real	total
MPCPNGMR	Cp Net GM R	real	total
MPCPNSls1R	Cp Net Sales Reg+Promo R	real	total
MPCPNSls1U	Cp Net Sales Reg+Promo U	real	total
MPCPNSls2R	Cp Net Sales Clr R	real	total
MPCPNSls2U	Cp Net Sales Clr U	real	total
MPCPNSlsR	Cp Net Sales R	real	total
MPCPNSlsU	Cp Net Sales U	real	total
MPCPRcptC	Cp Receipts C	real	total

Table A-1 (Cont.) MFP Retail Cloud Service Merch Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPCPRcptR	Cp Receipts R	real	total
MPCPRcptU	Cp Receipts U	real	total
MPCPRoyalR	Cp Royalties R	real	total
MPCPRtn1R	Cp Returns Reg+Promo R	real	total
MPCPRtn1U	Cp Returns Reg+Promo U	real	total
MPCPRtn2R	Cp Returns Clr R	real	total
MPCPRtn2U	Cp Returns Clr U	real	total
MPCPRtR	Cp Returns R	real	total
MPCPRtnU	Cp Returns U	real	total
MPCPShrkC	Cp Shrink C	real	total
MPCPShrkR	Cp Shrink R	real	total
MPCPShrkU	Cp Shrink U	real	total
MPCPSls1R	Cp Sales Reg+Promo R	real	total
MPCPSls1U	Cp Sales Reg+Promo	real	total
MPCPSls2R	Cp Sales Clr R	real	total
MPCPSls2U	Cp Sales Clr U	real	total
MPCPSlsCmpR	Cp Comp Sales R	real	total
MPCPSlsNCpR	Cp Non-Comp Sales R	real	total
MPCPSlsR	Cp Sales R	real	total
MPCPSlsU	Cp Sales U	real	total
MPCPVndFndR	Cp Vendor Funds R	real	total
MPCPWFMkDR	Cp W/F Markdown R	real	total
MPCPWFMkUR	Cp W/F Markup R	real	total

MFP Retail Cloud Service Merch Plan - Original Plan Export

Export Version Name: Merch Plan - Original Plan

Export Version: mpop

Export Mask Measure: MP Op Export

Exported File: export_mpop.dat

Table A-2 MFP Retail Cloud Service Merch Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPOPBOP1R	Op BOP Reg+Promo R	real	pst

Table A-2 (Cont.) MFP Retail Cloud Service Merch Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPOPBOP1U	Op BOP Reg+Promo U	real	pst
MPOPBOP2R	Op BOP Clr R	real	pst
MPOPBOP2U	Op BOP Clr U	real	pst
MPOPBOPC	Op BOP C	real	pst
MPOPBOPR	Op BOP R	real	pst
MPOPBOPU	Op BOP U	real	pst
MPOPConsInvR	Op Cons Inv R	real	total
MPOPEOP1R	Op EOP Reg+Promo R	real	pet
MPOPEOP1U	Op EOP Reg+Promo U	real	pet
MPOPEOP2R	Op EOP Clr R	real	pet
MPOPEOP2U	Op EOP Clr U	real	pet
MPOPEOPC	Op EOP C	real	pet
MPOPEOPR	Op EOP R	real	pet
MPOPEOPU	Op EOP U	real	pet
MPOPGMR	Op GM R	real	total
MPOPIInvAdjR	Op Inv Adj R	real	total
MPOPIInvAdjU	Op Inv Adj U	real	total
MPOPMiscAdjR	Op Misc Adj R	real	total
MPOPMiscAdjU	Op Misc Adj U	real	total
MPOPMkd1R	Op Markdown Reg+Promo R	real	total
MPOPMkd2R	Op Markdown Clr R	real	total
MPOPMkdR	Op Markdown R	real	total
MPOPMkdWFR	Op Markdown due to W/F R	real	total
MPOPIInvDV1R	Op Inv Devaluation Reg+Promo R	real	total
MPOPIInvDV2R	Op Inv Devaluation Clr R	real	total
MPOPMOCR	Op Move to Clr R	real	total
MPOPMOCU	Op Move to Clr U	real	total
MPOPMOSC	Op MOS C	real	total
MPOPMOSR	Op MOS R	real	total
MPOPMOSU	Op MOS U	real	total
MPOPNGMR	Op Net GM R	real	total
MPOPNSIs1R	Op Net Sales Reg+Promo R	real	total
MPOPNSIs1U	Op Net Sales Reg+Promo U	real	total

Table A-2 (Cont.) MFP Retail Cloud Service Merch Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPOPNSIs2R	Op Net Sales Clr R	real	total
MPOPNSIs2U	Op Net Sales Clr U	real	total
MPOPNSIsR	Op Net Sales R	real	total
MPOPNSIsU	Op Net Sales U	real	total
MPOP RcptC	Op Receipts C	real	total
MPOP RcptR	Op Receipts R	real	total
MPOP RcptU	Op Receipts U	real	total
MPOP RoyalR	Op Royalties R	real	total
MPOP Rtn1R	Op Returns Reg+Promo R	real	total
MPOP Rtn1U	Op Returns Reg+Promo U	real	total
MPOP Rtn2R	Op Returns Clr R	real	total
MPOP Rtn2U	Op Returns Clr U	real	total
MPOP RtnR	Op Returns R	real	total
MPOP RtnU	Op Returns U	real	total
MPOP ShrkC	Op Shrink C	real	total
MPOP ShrkR	Op Shrink R	real	total
MPOP ShrkU	Op Shrink U	real	total
MPOP Sls1R	Op Sales Reg+Promo R	real	total
MPOP Sls1U	Op Sales Reg+Promo U	real	total
MPOP Sls2R	Op Sales Clr R	real	total
MPOP Sls2U	Op Sales Clr U	real	total
MPOP SlsCmpR	Op Comp Sales R	real	total
MPOP SlsNCpR	Op Non-Comp Sales R	real	total
MPOP SlsR	Op Sales R	real	total
MPOP SlsU	Op Sales U	real	total
MPOP VndFndR	Op Vendor Funds R	real	total
MPOP WFMkDR	Op W/F Markdown R	real	total
MPOP WFMkUR	Op W/F Markup R	real	total

MFP Retail Cloud Service Merch Plan - Submitted Plan Export

Export Version Name: Merch Plan - Submitted Plan

Export Version: mpwa

Export Mask Measure: MP Wa Export

Exported File: export_mpwa.dat

Table A-3 MFP Retail Cloud Service Merch Plan - Submitted Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPWABOP1R	Wa BOP Reg+Promo R	real	pst
MPWABOP1U	Wa BOP Reg+Promo U	real	pst
MPWABOP2R	Wa BOP Clr R	real	pst
MPWABOP2U	Wa BOP Clr U	real	pst
MPWABOPC	Wa BOP C	real	pst
MPWABOPR	Wa BOP R	real	pst
MPWABOPU	Wa BOP U	real	pst
MPWAConsInvR	Wa Cons Inv R	real	total
MPWAEOP1R	Wa EOP Reg+Promo R	real	pet
MPWAEOP1U	Wa EOP Reg+Promo U	real	pet
MPWAEOP2R	Wa EOP Clr R	real	pet
MPWAEOP2U	Wa EOP Clr U	real	pet
MPWAEOPC	Wa EOP C	real	pet
MPWAEOPR	Wa EOP R	real	pet
MPWAEOPU	Wa EOP U	real	pet
MPWAGMR	Wa GM R	real	total
MPWAINVAdjR	Wa Inv Adj R	real	total
MPWAINVAdjU	Wa Inv Adj U	real	total
MPWAMiscAdjR	Wa Misc Adj R	real	total
MPWAMiscAdjU	Wa Misc Adj U	real	total
MPWAMkd1R	Wa Markdown Reg+Promo R	real	total
MPWAMkd2R	Wa Markdown Clr R	real	total
MPWAMkdR	Wa Markdown R	real	total
MPWAMkdWFR	Wa Markdown due to W/F R	real	total
MPWAINVDV1R	Wa Inv Devaluation Reg+Promo R	real	total
MPWAINVDV2R	Wa Inv Devaluation Clr R	real	total
MPWAMOCR	Wa Move to Clr R	real	total
MPWAMOCU	Wa Move to Clr U	real	total
MPWAMOS C	Wa MOS C	real	total
MPWAMOS R	Wa MOS R	real	total
MPWAMOS U	Wa MOS U	real	total
MPWANGMR	Wa Net GM R	real	total

Table A-3 (Cont.) MFP Retail Cloud Service Merch Plan - Submitted Plan Export

Measure	Measure Label	Data Type	Aggregation Type
MPWANSIs1R	Wa Net Sales Reg+Promo R	real	total
MPWANSIs1U	Wa Net Sales Reg+Promo U	real	total
MPWANSIs2R	Wa Net Sales Clr R	real	total
MPWANSIs2U	Wa Net Sales Clr U	real	total
MPWANSIsR	Wa Net Sales R	real	total
MPWANSIsU	Wa Net Sales U	real	total
MPWARcptC	Wa Receipts C	real	total
MPWARcptR	Wa Receipts R	real	total
MPWARcptU	Wa Receipts U	real	total
MPWARoyalR	Wa Royalties R	real	total
MPWARtn1R	Wa Returns Reg+Promo R	real	total
MPWARtn1U	Wa Returns Reg+Promo U	real	total
MPWARtn2R	Wa Returns Clr R	real	total
MPWARtn2U	Wa Returns Clr U	real	total
MPWARtnR	Wa Returns R	real	total
MPWARtnU	Wa Returns U	real	total
MPWAShrkC	Wa Shrink C	real	total
MPWAShrkR	Wa Shrink R	real	total
MPWAShrkU	Wa Shrink U	real	total
MPWASIs1R	Wa Sales Reg+Promo R	real	total
MPWASIs1U	Wa Sales Reg+Promo	real	total
MPWASIs2R	Wa Sales Clr R	real	total
MPWASIs2U	Wa Sales Clr U	real	total
MPWASIsCmpR	Wa Comp Sales R	real	total
MPWASIsNCpR	Wa Non-Comp Sales R	real	total
MPWASIsR	Wa Sales R	real	total
MPWASIsU	Wa Sales U	real	total
MPWAVndFndR	Wa Vendor Funds R	real	total
MPWAWFMkDR	Wa W/F Markdown R	real	total
MPWAWFMkUR	Wa W/F Markup R	real	total

MFP Retail Cloud Service Merch Plan - Working Plan Export

Export Version Name: Merch Plan - Working Plan

Export Version: mpwp

Export Mask Measure: MP Wp Export

Exported File: export_mpwp.dat

Table A-4 MFP Retail Cloud Service Merch Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPWPBOP1R	Wp BOP Reg+Promo R	real	pst
MPWPBOP1U	Wp BOP Reg+Promo U	real	pst
MPWPBOP2R	Wp BOP Clr R	real	pst
MPWPBOP2U	Wp BOP Clr U	real	pst
MPWPBOPC	Wp BOP C	real	pst
MPWPBOPR	Wp BOP R	real	pst
MPWPBOPU	Wp BOP U	real	pst
MPWPConsInvR	Wp Cons Inv R	real	total
MPWPEOP1R	Wp EOP Reg+Promo R	real	pet
MPWPEOP1U	Wp EOP Reg+Promo U	real	pet
MPWPEOP2R	Wp EOP Clr R	real	pet
MPWPEOP2U	Wp EOP Clr U	real	pet
MPWPEOPC	Wp EOP C	real	pet
MPWPEOPR	Wp EOP R	real	pet
MPWPEOPU	Wp EOP U	real	pet
MPWPGMR	Wp GM R	real	total
MPWPInvAdjR	Wp Inv Adj R	real	total
MPWPInvAdjU	Wp Inv Adj U	real	total
MPWPMiscAdjR	Wp Misc Adj R	real	total
MPWPMiscAdjU	Wp Misc Adj U	real	total
MPWPMkd1R	Wp Markdown Reg+Promo R	real	total
MPWPMkd2R	Wp Markdown Clr R	real	total
MPWPMkdR	Wp Markdown R	real	total
MPWPMkdWFR	Wp Markdown due to W/F R	real	total
MPWPInvDV1R	Wp Inv Devaluation Reg+Promo R	real	total
MPWPInvDV2R	Wp Inv Devaluation Clr R	real	total
MPWPMOCR	Wp Move to Clr R	real	total
MPWPMOCU	Wp Move to Clr U	real	total
MPWPMOSC	Wp MOS C	real	total
MPWPMOSR	Wp MOS R	real	total

Table A-4 (Cont.) MFP Retail Cloud Service Merch Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPWPMOSU	Wp MOS U	real	total
MPWPNGMR	Wp Net GM R	real	total
MPWPNSIs1R	Wp Net Sales Reg+Promo R	real	total
MPWPNSIs1U	Wp Net Sales Reg+Promo U	real	total
MPWPNSIs2R	Wp Net Sales Clr R	real	total
MPWPNSIs2U	Wp Net Sales Clr U	real	total
MPWPNSIsR	Wp Net Sales R	real	total
MPWPNSIsU	Wp Net Sales U	real	total
MPWPRcptC	Wp Receipts C	real	total
MPWPRcptR	Wp Receipts R	real	total
MPWPRcptU	Wp Receipts U	real	total
MPWPRoyalR	Wp Royalties R	real	total
MPWPRtn1R	Wp Returns Reg+Promo R	real	total
MPWPRtn1U	Wp Returns Reg+Promo U	real	total
MPWPRtn2R	Wp Returns Clr R	real	total
MPWPRtn2U	Wp Returns Clr U	real	total
MPWPRtnR	Wp Returns R	real	total
MPWPRtnU	Wp Returns U	real	total
MPWPShrkC	Wp Shrink C	real	total
MPWPShrkR	Wp Shrink R	real	total
MPWPShrkU	Wp Shrink U	real	total
MPWPSIs1R	Wp Sales Reg+Promo R	real	total
MPWPSIs1U	Wp Sales Reg+Promo	real	total
MPWPSIs2R	Wp Sales Clr R	real	total
MPWPSIs2U	Wp Sales Clr U	real	total
MPWPSIsCmpR	Wp Comp Sales R	real	total
MPWPSIsNCpR	Wp Non-Comp Sales R	real	total
MPWPSIsR	Wp Sales R	real	total
MPWPSIsU	Wp Sales U	real	total
MPWPVndFndR	Wp Vendor Funds R	real	total
MPWPWFMkDR	Wp W/F Markdown R	real	total
MPWPWFMkUR	Wp W/F Markup R	real	total
MPWPOOAdjC	Wp On Order Adj C	real	total
MPWPOOAdjR	Wp On Order Adj R	real	total
MPWPOOAdjU	Wp On Order Adj U	real	total

Table A-4 (Cont.) MFP Retail Cloud Service Merch Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPWPOOC	Wp On Order C	real	total
MPWPOOR	Wp On Order R	real	total
MPWPOOU	Wp On Order U	real	total

MFP Retail Cloud Service Merch Target - Target Plan Export

Export Version Name: Merch Target - Target Plan

Export Version: mttg

Export Mask Measure: MT Tgt Export

Exported File: export_mttg.dat

Table A-5 MFP Retail Cloud Service Merch Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
chnl	Channel		
MTTGBOP1R	Tgt BOP Reg+Promo R	real	pst
MTTGBOP1U	Tgt BOP Reg+Promo U	real	pst
MTTGBOP2R	Tgt BOP Clr R	real	pst
MTTGBOP2U	Tgt BOP Clr U	real	pst
MTTGBOPC	Tgt BOP C	real	pst
MTTGBOPR	Tgt BOP R	real	pst
MTTGBOPU	Tgt BOP U	real	pst
MTTGConsInvR	Tgt Cons Inv R	real	total
MTTGEOP1R	Tgt EOP Reg+Promo R	real	pet
MTTGEOP1U	Tgt EOP Reg+Promo U	real	pet
MTTGEOP2R	Tgt EOP Clr R	real	pet
MTTGEOP2U	Tgt EOP Clr U	real	pet
MTTGEOPC	Tgt EOP C	real	pet
MTTGEOPR	Tgt EOP R	real	pet
MTTGEOPU	Tgt EOP U	real	pet
MTTGGMR	Tgt GM R	real	total
MTTGInvAdjR	Tgt Inv Adj R	real	total
MTTGInvAdjU	Tgt Inv Adj U	real	total
MTTGMiscAdjR	Tgt Misc Adj R	real	total
MTTGMiscAdjU	Tgt Misc Adj U	real	total
MTTGMkd1R	Tgt Markdown Reg+Promo R	real	total
MTTGMkd2R	Tgt Markdown Clr R	real	total

Table A-5 (Cont.) MFP Retail Cloud Service Merch Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MTTGMkdR	Tgt Markdown R	real	total
MTTGMkdWFR	Tgt Markdown due to W/F R	real	total
MTTGInvDV1R	Tgt Inv Devaluation Reg+Promo R	real	total
MTTGInvDV2R	Tgt Inv Devaluation Clr R	real	total
MTTGMOCR	Tgt Move to Clr R	real	total
MTTGMOCU	Tgt Move to Clr U	real	total
MTTGMOSC	Tgt MOS C	real	total
MTTGMOSR	Tgt MOS R	real	total
MTTGMOSU	Tgt MOS U	real	total
MTTGNGMR	Tgt Net GM R	real	total
MTTGNSls1R	Tgt Net Sales Reg+Promo R	real	total
MTTGNSls1U	Tgt Net Sales Reg+Promo U	real	total
MTTGNSls2R	Tgt Net Sales Clr R	real	total
MTTGNSls2U	Tgt Net Sales Clr U	real	total
MTTGNSlsR	Tgt Net Sales R	real	total
MTTGNSlsU	Tgt Net Sales U	real	total
MTTGRcptC	Tgt Receipts C	real	total
MTTGRcptR	Tgt Receipts R	real	total
MTTGRcptU	Tgt Receipts U	real	total
MTTGRoyalR	Tgt Royalties R	real	total
MTTGRtn1R	Tgt Returns Reg+Promo R	real	total
MTTGRtn1U	Tgt Returns Reg+Promo U	real	total
MTTGRtn2R	Tgt Returns Clr R	real	total
MTTGRtn2U	Tgt Returns Clr U	real	total
MTTGRtnR	Tgt Returns R	real	total
MTTGRtnU	Tgt Returns U	real	total
MTTGShrkC	Tgt Shrink C	real	total
MTTGShrkR	Tgt Shrink R	real	total
MTTGShrkU	Tgt Shrink U	real	total
MTTGSls1R	Tgt Sales Reg+Promo R	real	total
MTTGSls1U	Tgt Sales Reg+Promo	real	total
MTTGSls2R	Tgt Sales Clr R	real	total
MTTGSls2U	Tgt Sales Clr U	real	total

Table A-5 (Cont.) MFP Retail Cloud Service Merch Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MTTGSlsCmpR	Tgt Comp Sales R	real	total
MTTGSlsNCpR	Tgt Non-Comp Sales R	real	total
MTTGSlsR	Tgt Sales R	real	total
MTTGSlsU	Tgt Sales U	real	total
MTTGvndFndR	Tgt Vendor Funds R	real	total
MTTGWFMkDR	Tgt W/F Markdown R	real	total
MTTGWFMkUR	Tgt W/F Markup R	real	total

MFP Retail Cloud Service Merch Target - Working Plan Export

Export Version Name: Merch Target - Working Plan

Export Version: mtwp

Export Mask Measure: MT Wp Export

Exported File: export_mtwp.dat

Table A-6 MFP Retail Cloud Service Merch Target - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
chnl	Channel		
MTWPBOP1R	Wp BOP Reg+Promo R	real	pst
MTWPBOP1U	Wp BOP Reg+Promo U	real	pst
MTWPBOP2R	Wp BOP Clr R	real	pst
MTWPBOP2U	Wp BOP Clr U	real	pst
MTWPBOPC	Wp BOP C	real	pst
MTWPBOPR	Wp BOP R	real	pst
MTWPBOPU	Wp BOP U	real	pst
MTWPConsInvR	Wp Cons Inv R	real	total
MTWPEOP1R	Wp EOP Reg+Promo R	real	pet
MTWPEOP1U	Wp EOP Reg+Promo U	real	pet
MTWPEOP2R	Wp EOP Clr R	real	pet
MTWPEOP2U	Wp EOP Clr U	real	pet
MTWPEOPC	Wp EOP C	real	pet
MTWPEOPR	Wp EOP R	real	pet
MTWPEOPU	Wp EOP U	real	pet
MTWPGMR	Wp GM R	real	total
MTWPInvAdjR	Wp Inv Adj R	real	total
MTWPInvAdjU	Wp Inv Adj U	real	total

Table A-6 (Cont.) MFP Retail Cloud Service Merch Target - Working Plan Export

Measure	Measure Label	Data Type	Aggregation Type
MTWPMiscAdjR	Wp Misc Adj R	real	total
MTWPMiscAdjU	Wp Misc Adj U	real	total
MTWPMkd1R	Wp Markdown Reg+Promo R	real	total
MTWPMkd2R	Wp Markdown Clr R	real	total
MTWPMkdR	Wp Markdown R	real	total
MTWPMkdWFR	Wp Markdown due to W/F R	real	total
MTWPIInvDV1R	Wp Inv Devaluation Reg+Promo R	real	total
MTWPIInvDV2R	Wp Inv Devaluation Clr R	real	total
MTWPMOCR	Wp Move to Clr R	real	total
MTWPMOCU	Wp Move to Clr U	real	total
MTWPMOSC	Wp MOS C	real	total
MTWPMOSR	Wp MOS R	real	total
MTWPMOSU	Wp MOS U	real	total
MTWPNGMR	Wp Net GM R	real	total
MTWPNSIs1R	Wp Net Sales Reg+Promo R	real	total
MTWPNSIs1U	Wp Net Sales Reg+Promo U	real	total
MTWPNSIs2R	Wp Net Sales Clr R	real	total
MTWPNSIs2U	Wp Net Sales Clr U	real	total
MTWPNSIsR	Wp Net Sales R	real	total
MTWPNSIsU	Wp Net Sales U	real	total
MTWPOOAdjC	Wp On Order Adj C	real	total
MTWPOOAdjR	Wp On Order Adj R	real	total
MTWPOOAdjU	Wp On Order Adj U	real	total
MTWPOOC	Wp On Order C	real	total
MTWPOOR	Wp On Order R	real	total
MTWPOOU	Wp On Order U	real	total
MTWPRcptC	Wp Receipts C	real	total
MTWPRcptR	Wp Receipts R	real	total
MTWPRcptU	Wp Receipts U	real	total
MTWPRoyalR	Wp Royalties R	real	total
MTWPRtn1R	Wp Returns Reg+Promo R	real	total
MTWPRtn1U	Wp Returns Reg+Promo U	real	total

Table A-6 (Cont.) MFP Retail Cloud Service Merch Target - Working Plan Export

Measure	Measure Label	Data Type	Aggregation Type
MTWPRtn2R	Wp Returns Clr R	real	total
MTWPRtn2U	Wp Returns Clr U	real	total
MTWPRtnR	Wp Returns R	real	total
MTWPRtnU	Wp Returns U	real	total
MTWPShrkC	Wp Shrink C	real	total
MTWPShrkR	Wp Shrink R	real	total
MTWPShrkU	Wp Shrink U	real	total
MTWPSIs1R	Wp Sales Reg+Promo R	real	total
MTWPSIs1U	Wp Sales Reg+Promo	real	total
MTWPSIs2R	Wp Sales Clr R	real	total
MTWPSIs2U	Wp Sales Clr U	real	total
MTWPSIsCmpR	Wp Comp Sales R	real	total
MTWPSIsNCpR	Wp Non-Comp Sales R	real	total
MTWPSIsR	Wp Sales R	real	total
MTWPSIsU	Wp Sales U	real	total
MTWPVndFndR	Wp Vendor Funds R	real	total
MTWPWFMkDR	Wp W/F Markdown R	real	total
MTWPWFMkUR	Wp W/F Markup R	real	total

MFP Retail Cloud Service Location Plan - Current Plan Export

Export Version Name: Location Plan - Current Plan

Export Version: lpcp

Export Mask Measure: LP Cp Export

Exported File: export_lpcp.dat

Table A-7 MFP Retail Cloud Service Location Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
stor	Location		
LPCBOPC	Cp BOP C	real	pst
LPCBOPR	Cp BOP R	real	pst
LPCBOPU	Cp BOP U	real	pst
LPCPEOPC	Cp EOP C	real	pet
LPCPEOPR	Cp EOP R	real	pet
LPCPEOPU	Cp EOP U	real	pet
LPCPMkDR	Cp Markdown R	real	total

Table A-7 (Cont.) MFP Retail Cloud Service Location Plan - Current Plan Export

Measure	Measure Label	Data Type	Aggregation Type
LPCPMkdWFR	Cp Markdown due to W/F R	real	total
LPCPInvDVR	Cp Inv Devaluation R	real	total
LPCPNSIsR	Cp Net Sales R	real	total
LPCPNSIsU	Cp Net Sales U	real	total
LPCPRcptC	Cp Receipts C	real	total
LPCPRcptR	Cp Receipts R	real	total
LPCPRcptU	Cp Receipts U	real	total
LPCPRtnR	Cp Returns R	real	total
LPCPRtnU	Cp Returns U	real	total
LPCPShrkC	Cp Shrink C	real	total
LPCPShrkR	Cp Shrink R	real	total
LPCPShrkU	Cp Shrink U	real	total
LPCPSIsR	Cp Sales R	real	total
LPCPSIsU	Cp Sales U	real	total
LPCPTranIOR	Cp Transfers In/Out R	real	total
LPCPTranIOU	Cp Transfers In/Out U	real	total
LPCPWFmkDR	Cp W/F Markdown R	real	total
LPCPWFmkUR	Cp W/F Markup R	real	total

MFP Retail Cloud Service Location Plan - Original Plan Export

Export Version Name: Location Plan - Original Plan

Export Version: lpop

Export Mask Measure: LP Op Export

Exported File: export_lpop.dat

Table A-8 MFP Retail Cloud Service Location Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
stor	Location		
LPOPBOPC	Op BOP C	real	pst
LPOPBOPR	Op BOP R	real	pst
LPOPBOPU	Op BOP U	real	pst
LPOPEOPC	Op EOP C	real	pet
LPOPEOPR	Op EOP R	real	pet
LPOPEOPU	Op EOP U	real	pet
LPOPmkdR	Op Markdown R	real	total

Table A-8 (Cont.) MFP Retail Cloud Service Location Plan - Original Plan Export

Measure	Measure Label	Data Type	Aggregation Type
LPOPmkdWFR	Op Markdown due to W/F R	real	total
LPOPInvDVR	Op Inv Devaluation R	real	total
LPOPNSIsR	Op Net Sales R	real	total
LPOPNSIsU	Op Net Sales U	real	total
LPOPRcptC	Op Receipts C	real	total
LPOPRcptR	Op Receipts R	real	total
LPOPRcptU	Op Receipts U	real	total
LPOPRtnR	Op Returns R	real	total
LPOPRtnU	Op Returns U	real	total
LPOPShrkC	Op Shrink C	real	total
LPOPShrkR	Op Shrink R	real	total
LPOPShrkU	Op Shrink U	real	total
LPOPSIsR	Op Sales R	real	total
LPOPSIsU	Op Sales U	real	total
LPOPTranIOR	Op Transfers In/Out R	real	total
LPOPTranIOU	Op Transfers In/Out U	real	total
LPOPWFMkDR	Op W/F Markdown R	real	total
LPOPWFMkUR	Op W/F Markup R	real	total

MFP Retail Cloud Service Location Plan - Working Plan Export

Export Version Name: Location Plan - Working Plan

Export Version: lpwp

Export Mask Measure: LP Wp Export

Exported File: export_lpwp.dat

Table A-9 MFP Retail Cloud Service Location Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
stor	Location		
LPWPBOPC	Wp BOP C	real	pst
LPWPBOPR	Wp BOP R	real	pst
LPWPBOPU	Wp BOP U	real	pst
LPWPEOPC	Wp EOP C	real	pet

Table A-9 (Cont.) MFP Retail Cloud Service Location Plan - Working Plan Export

Measure	Measure Label	Data Type	Aggregation Type
LPWPEOPR	Wp EOP R	real	pet
LPWPEOPU	Wp EOP U	real	pet
LPWPMkdR	Wp Markdown R	real	total
LPWPMkdWFR	Wp Markdown due to W/F R	real	total
LPWPIInvDVR	Wp Inv Devaluation R	real	total
LPWPNSlsR	Wp Net Sales R	real	total
LPWPNSlsU	Wp Net Sales U	real	total
LPWPRcptC	Wp Receipts C	real	total
LPWPRcptR	Wp Receipts R	real	total
LPWPRcptU	Wp Receipts U	real	total
LPWPRtnR	Wp Returns R	real	total
LPWPRtnU	Wp Returns U	real	total
LPWPShrkC	Wp Shrink C	real	total
LPWPShrkR	Wp Shrink R	real	total
LPWPShrkU	Wp Shrink U	real	total
LPWPSlsR	Wp Sales R	real	total
LPWPSlsU	Wp Sales U	real	total
LPWPTranIOR	Wp Transfers In/Out R	real	total
LPWPTranIOU	Wp Transfers In/Out U	real	total
LPWPWFmkDR	Wp W/F Markdown R	real	total
LPWPWFmkUR	Wp W/F Markup R	real	total
LPWPOOAdjC	Wp On Order Adj C	real	total
LPWPOOAdjR	Wp On Order Adj R	real	total
LPWPOOAdjU	Wp On Order Adj U	real	total
LPWPOOC	Wp On Order C	real	total
LPWPOOR	Wp On Order R	real	total
LPWPOOU	Wp On Order U	real	total

MFP Retail Cloud Service Location Target - Target Plan Export

Export Version Name: Location Target - Target Plan

Export Version: lttg

Export Mask Measure: LT Tgt Export

Exported File: export_lttg.dat

Table A-10 MFP Retail Cloud Service Location Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		

Table A-10 (Cont.) MFP Retail Cloud Service Location Target - Target Plan Export

Measure	Measure Label	Data Type	Aggregation Type
cmpp	Company		
stor	Location		
LTTGMkdR	Tgt Markdown R	real	total
LTTGNSlsR	Tgt Net Sales R	real	total
LTTGNSlsU	Tgt Net Sales U	real	total
LTTGRtnR	Tgt Returns R	real	total
LTTGRtnU	Tgt Returns U	real	total
LTTGSlsR	Tgt Sales R	real	total
LTTGSlsU	Tgt Sales U	real	total

MFP Retail Cloud Service Location Target - Working Plan Export

Export Version Name: Location Target - Working Plan

Export Version: ltwp

Export Mask Measure: LT Wp Export

Exported File: export_ltwp.dat

Table A-11 MFP Retail Cloud Service Location Target - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
cmpp	Company		
stor	Location		
LTWPMkdR	Wp Markdown R	real	total
LTWPNSlsR	Wp Net Sales R	real	total
LTWPNSlsU	Wp Net Sales U	real	total
LTWPRtnR	Wp Returns R	real	total
LTWPRtnU	Wp Returns U	real	total
LTWPSlsR	Wp Sales R	real	total
LTWPSlsU	Wp Sales U	real	total

MFP Cost Cloud Service Exports

This section lists the measures for the MFP Cost Cloud Service exports.

MFP Cost Cloud Service Merch Plan - Current Plan Export

Export Version Name: Merch Plan - Current Plan

Export Version: mpcp

Export Mask Measure: MP Cp Export

Exported File: export_mpcp.dat

Table A-12 MFP Cost Cloud Service Merch Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPCPBOP1C	Cp BOP Reg+Promo C	real	pst
MPCPBOP1U	Cp BOP Reg+Promo U	real	pst
MPCPBOP2C	Cp BOP Clr C	real	pst
MPCPBOP2U	Cp BOP Clr U	real	pst
MPCPBOPC	Cp BOP C	real	pst
MPCPBOPU	Cp BOP U	real	pst
MPCPConsInvC	Cp Cons Inv C	real	total
MPCPEOP1C	Cp EOP Reg+Promo C	real	pet
MPCPEOP1U	Cp EOP Reg+Promo U	real	pet
MPCPEOP2C	Cp EOP Clr C	real	pet
MPCPEOP2U	Cp EOP Clr U	real	pet
MPCPEOPC	Cp EOP C	real	pet
MPCPEOPU	Cp EOP U	real	pet
MPCPGMR	Cp GM R	real	total
MPCPInvAdjC	Cp Inv Adj C	real	total
MPCPInvAdjU	Cp Inv Adj U	real	total
MPCPMiscAdjC	Cp Misc Adj C	real	total
MPCPMiscAdjU	Cp Misc Adj U	real	total
MPCPMkd1R	Cp Markdown Reg+Promo R	real	total
MPCPMkd2R	Cp Markdown Clr R	real	total
MPCPMkdR	Cp Markdown R	real	total
MPCPMkdWFR	Cp Markdown due to W/F R	real	total
MPCPMOCC	Cp Move to Clr C	real	total
MPCPMOCU	Cp Move to Clr U	real	total
MPCPMOSC	Cp MOS C	real	total
MPCPMOSU	Cp MOS U	real	total
MPCPNGMR	Cp Net GM R	real	total
MPCPNSls1C	Cp Net Sales Reg+Promo C	real	total
MPCPNSls1R	Cp Net Sales Reg+Promo R	real	total
MPCPNSls1U	Cp Net Sales Reg+Promo U	real	total

Table A-12 (Cont.) MFP Cost Cloud Service Merch Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPCPNSls2C	Cp Net Sales Clr C	real	total
MPCPNSls2R	Cp Net Sales Clr R	real	total
MPCPNSls2U	Cp Net Sales Clr U	real	total
MPCPNSlsC	Cp Net Sales C	real	total
MPCPNSlsR	Cp Net Sales R	real	total
MPCPNSlsU	Cp Net Sales U	real	total
MPCPRcptC	Cp Receipts C	real	total
MPCPRcptU	Cp Receipts U	real	total
MPCPRoyalR	Cp Royalties R	real	total
MPCPRtn1R	Cp Returns Reg+Promo R	real	total
MPCPRtn1U	Cp Returns Reg+Promo U	real	total
MPCPRtn2R	Cp Returns Clr R	real	total
MPCPRtn2U	Cp Returns Clr U	real	total
MPCPRtnR	Cp Returns R	real	total
MPCPRtnU	Cp Returns U	real	total
MPCPShrkC	Cp Shrink C	real	total
MPCPShrkU	Cp Shrink U	real	total
MPCPSls1R	Cp Sales Reg+Promo R	real	total
MPCPSls1U	Cp Sales Reg+Promo U	real	total
MPCPSls2R	Cp Sales Clr R	real	total
MPCPSls2U	Cp Sales Clr U	real	total
MPCPSlsCmpR	Cp Comp Sales R	real	total
MPCPSlsNCpR	Cp Non-Comp Sales R	real	total
MPCPSlsR	Cp Sales R	real	total
MPCPSlsU	Cp Sales U	real	total
MPCPVndFndR	Cp Vendor Funds R	real	total
MPCPWFMkDR	Cp W/F Markdown R	real	total
MPCPWFMkUR	Cp W/F Markup R	real	total

MFP Cost Cloud Service Merch Plan - Original Plan Export

Export Version Name: Merch Plan - Original Plan

Export Version: mpop

Export Mask Measure: MP Op Export

Exported File: export_mpop.dat

Table A-13 MFP Cost Cloud Service Merch Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPOPBOP1C	Op BOP Reg+Promo C	real	pst
MPOPBOP1U	Op BOP Reg+Promo U	real	pst
MPOPBOP2C	Op BOP Clr C	real	pst
MPOPBOP2U	Op BOP Clr U	real	pst
MPOPBOPC	Op BOP C	real	pst
MPOPBOPU	Op BOP U	real	pst
MPOPConsInvC	Op Cons Inv C	real	total
MPOPEOP1C	Op EOP Reg+Promo C	real	pet
MPOPEOP1U	Op EOP Reg+Promo U	real	pet
MPOPEOP2C	Op EOP Clr C	real	pet
MPOPEOP2U	Op EOP Clr U	real	pet
MPOPEOPC	Op EOP C	real	pet
MPOPEOPU	Op EOP U	real	pet
MPOPGMR	Op GM R	real	total
MPOPIInvAdjC	Op Inv Adj C	real	total
MPOPIInvAdjU	Op Inv Adj U	real	total
MPOPMiscAdjC	Op Misc Adj C	real	total
MPOPMiscAdjU	Op Misc Adj U	real	total
MPOPmkd1R	Op Markdown Reg+Promo R	real	total
MPOPmkd2R	Op Markdown Clr R	real	total
MPOPmkdR	Op Markdown R	real	total
MPOPmkdWFR	Op Markdown due to W/F R	real	total
MPOPMOCC	Op Move to Clr C	real	total
MPOPMOCU	Op Move to Clr U	real	total
MPOPMOsc	Op MOS C	real	total
MPOPMOsU	Op MOS U	real	total
MPOPNGMR	Op Net GM R	real	total
MPOPNSIs1C	Op Net Sales Reg+Promo C	real	total
MPOPNSIs1R	Op Net Sales Reg+Promo R	real	total
MPOPNSIs1U	Op Net Sales Reg+Promo U	real	total

Table A-13 (Cont.) MFP Cost Cloud Service Merch Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPOPNSIs2C	Op Net Sales Clr C	real	total
MPOPNSIs2R	Op Net Sales Clr R	real	total
MPOPNSIs2U	Op Net Sales Clr U	real	total
MPOPNSIsC	Op Net Sales C	real	total
MPOPNSIsR	Op Net Sales R	real	total
MPOPNSIsU	Op Net Sales U	real	total
MPOPRcptC	Op Receipts C	real	total
MPOPRcptU	Op Receipts U	real	total
MPOPRoyalR	Op Royalties R	real	total
MPOPRtn1R	Op Returns Reg+Promo R	real	total
MPOPRtn1U	Op Returns Reg+Promo U	real	total
MPOPRtn2R	Op Returns Clr R	real	total
MPOPRtn2U	Op Returns Clr U	real	total
MPOPRtnR	Op Returns R	real	total
MPOPRtnU	Op Returns U	real	total
MPOPShrkC	Op Shrink C	real	total
MPOPShrkU	Op Shrink U	real	total
MPOPSIs1R	Op Sales Reg+Promo R	real	total
MPOPSIs1U	Op Sales Reg+Promo U	real	total
MPOPSIs2R	Op Sales Clr R	real	total
MPOPSIs2U	Op Sales Clr U	real	total
MPOPSIsCmpR	Op Comp Sales R	real	total
MPOPSIsNCpR	Op Non-Comp Sales R	real	total
MPOPSIsR	Op Sales R	real	total
MPOPSIsU	Op Sales U	real	total
MPOPVndFndR	Op Vendor Funds R	real	total
MPOPWFMkDR	Op W/F Markdown R	real	total
MPOPWFMkUR	Op W/F Markup R	real	total

MFP Cost Cloud Service Merch Plan - Submitted Plan Export

Export Version Name: Merch Plan - Submitted Plan

Export Version: mpwa

Export Mask Measure: MP WA Export

Exported File: export_mpwap.dat

Table A-14 MFP Cost Cloud Service Merch Plan - Submitted Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPWABOP1C	Wa BOP Reg+Promo C	real	pst
MPWABOP1U	Wa BOP Reg+Promo U	real	pst
MPWABOP2C	Wa BOP Clr C	real	pst
MPWABOP2U	Wa BOP Clr U	real	pst
MPWABOPC	Wa BOP C	real	pst
MPWABOPU	Wa BOP U	real	pst
MPWAConsInvC	Wa Cons Inv C	real	total
MPWAEOP1C	Wa EOP Reg+Promo C	real	pet
MPWAEOP1U	Wa EOP Reg+Promo U	real	pet
MPWAEOP2C	Wa EOP Clr C	real	pet
MPWAEOP2U	Wa EOP Clr U	real	pet
MPWAEOPC	Wa EOP C	real	pet
MPWAEOPU	Wa EOP U	real	pet
MPWAGMR	Wa GM R	real	total
MPWAInvAdjC	Wa Inv Adj C	real	total
MPWAInvAdjU	Wa Inv Adj U	real	total
MPWAMiscAdjC	Wa Misc Adj C	real	total
MPWAMiscAdjU	Wa Misc Adj U	real	total
MPWAMkd1R	Wa Markdown Reg+Promo R	real	total
MPWAMkd2R	Wa Markdown Clr R	real	total
MPWAMkdR	Wa Markdown R	real	total
MPWAMkdWFR	Wa Markdown due to W/F R	real	total
MPWAMOCC	Wa Move to Clr C	real	total
MPWAMOCU	Wa Move to Clr U	real	total
MPWAMOSC	Wa MOS C	real	total
MPWAMOSU	Wa MOS U	real	total
MPWANGMR	Wa Net GM R	real	total
MPWANSls1C	Wa Net Sales Reg+Promo C	real	total
MPWANSls1R	Wa Net Sales Reg+Promo R	real	total
MPWANSls1U	Wa Net Sales Reg+Promo U	real	total

Table A-14 (Cont.) MFP Cost Cloud Service Merch Plan - Submitted Plan Export

Measure	Measure Label	Data Type	Aggregation Type
MPWANSIs2C	Wa Net Sales Clr C	real	total
MPWANSIs2R	Wa Net Sales Clr R	real	total
MPWANSIs2U	Wa Net Sales Clr U	real	total
MPWANSIsC	Wa Net Sales C	real	total
MPWANSIsR	Wa Net Sales R	real	total
MPWANSIsU	Wa Net Sales U	real	total
MPWARcptC	Wa Receipts C	real	total
MPWARcptU	Wa Receipts U	real	total
MPWARoyalR	Wa Royalties R	real	total
MPWARtn1R	Wa Returns Reg+Promo R	real	total
MPWARtn1U	Wa Returns Reg+Promo U	real	total
MPWARtn2R	Wa Returns Clr R	real	total
MPWARtn2U	Wa Returns Clr U	real	total
MPWARtnR	Wa Returns R	real	total
MPWARtnU	Wa Returns U	real	total
MPWAShrkC	Wa Shrink C	real	total
MPWAShrkU	Wa Shrink U	real	total
MPWASIs1R	Wa Sales Reg+Promo R	real	total
MPWASIs1U	Wa Sales Reg+Promo U	real	total
MPWASIs2R	Wa Sales Clr R	real	total
MPWASIs2U	Wa Sales Clr U	real	total
MPWASIsCmpR	Wa Comp Sales R	real	total
MPWASIsNCpR	Wa Non-Comp Sales R	real	total
MPWASIsR	Wa Sales R	real	total
MPWASIsU	Wa Sales U	real	total
MPWAVndFndR	Wa Vendor Funds R	real	total
MPWAWFMkDR	Wa W/F Markdown R	real	total
MPWAWFMkUR	Wa W/F Markup R	real	total

MFP Cost Cloud Service Merch Plan - Working Plan Export

Export Version Name: Merch Plan - Working Plan

Export Version: mpwp

Export Mask Measure: MP Wp Export

Exported File: export_mpwp.dat

Table A-15 MFP Cost Cloud Service Merch Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Subclass		
chnl	Channel		
MPWPBOP1C	Wp BOP Reg+Promo C	real	pst
MPWPBOP1U	Wp BOP Reg+Promo U	real	pst
MPWPBOP2C	Wp BOP Clr C	real	pst
MPWPBOP2U	Wp BOP Clr U	real	pst
MPWPBOPC	Wp BOP C	real	pst
MPWPBOPU	Wp BOP U	real	pst
MPWPConsInvC	Wp Cons Inv C	real	total
MPWPEOP1C	Wp EOP Reg+Promo C	real	pet
MPWPEOP1U	Wp EOP Reg+Promo U	real	pet
MPWPEOP2C	Wp EOP Clr C	real	pet
MPWPEOP2U	Wp EOP Clr U	real	pet
MPWPEOPC	Wp EOP C	real	pet
MPWPEOPU	Wp EOP U	real	pet
MPWPGMR	Wp GM R	real	total
MPWPInvAdjC	Wp Inv Adj C	real	total
MPWPInvAdjU	Wp Inv Adj U	real	total
MPWPMiscAdjC	Wp Misc Adj C	real	total
MPWPMiscAdjU	Wp Misc Adj U	real	total
MPWPMkd1R	Wp Markdown Reg+Promo R	real	total
MPWPMkd2R	Wp Markdown Clr R	real	total
MPWPMkdR	Wp Markdown R	real	total
MPWPMkdWFR	Wp Markdown due to W/F R	real	total
MPWPMOCC	Wp Move to Clr C	real	total
MPWPMOCU	Wp Move to Clr U	real	total
MPWPMOSC	Wp MOS C	real	total
MPWPMOSU	Wp MOS U	real	total
MPWPNGMR	Wp Net GM R	real	total
MPWPNSIs1C	Wp Net Sales Reg+Promo C	real	total
MPWPNSIs1R	Wp Net Sales Reg+Promo R	real	total
MPWPNSIs1U	Wp Net Sales Reg+Promo U	real	total

Table A-15 (Cont.) MFP Cost Cloud Service Merch Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MPWPNSIs2C	Wp Net Sales Clr C	real	total
MPWPNSIs2R	Wp Net Sales Clr R	real	total
MPWPNSIs2U	Wp Net Sales Clr U	real	total
MPWPNSIsC	Wp Net Sales C	real	total
MPWPNSIsR	Wp Net Sales R	real	total
MPWPNSIsU	Wp Net Sales U	real	total
MPWPRcptC	Wp Receipts C	real	total
MPWPRcptU	Wp Receipts U	real	total
MPWPRoyalR	Wp Royalties R	real	total
MPWPRtn1R	Wp Returns Reg+Promo R	real	total
MPWPRtn1U	Wp Returns Reg+Promo U	real	total
MPWPRtn2R	Wp Returns Clr R	real	total
MPWPRtn2U	Wp Returns Clr U	real	total
MPWPRtnR	Wp Returns R	real	total
MPWPRtnU	Wp Returns U	real	total
MPWPShrkC	Wp Shrink C	real	total
MPWPShrkU	Wp Shrink U	real	total
MPWPSIs1R	Wp Sales Reg+Promo R	real	total
MPWPSIs1U	Wp Sales Reg+Promo U	real	total
MPWPSIs2R	Wp Sales Clr R	real	total
MPWPSIs2U	Wp Sales Clr U	real	total
MPWPSIsCmpR	Wp Comp Sales R	real	total
MPWPSIsNCpR	Wp Non-Comp Sales R	real	total
MPWPSIsR	Wp Sales R	real	total
MPWPSIsU	Wp Sales U	real	total
MPWPVndFndR	Wp Vendor Funds R	real	total
MPWPWFMkDR	Wp W/F Markdown R	real	total
MPWPWFMkUR	Wp W/F Markup R	real	total
MPWPOOAdjC	Wp On Order Adj C	real	total
MPWPOOAdjU	Wp On Order Adj U	real	total
MPWPOOC	Wp On Order C	real	total
MPWPOOU	Wp On Order U	real	total

MFP Cost Cloud Service Merch Target - Target Plan Export

Export Version Name: Merch Target - Target Plan

Export Version: mttg

Export Mask Measure: MT Tgt Export

Exported File: export_mttg.dat

Table A-16 MFP Cost Cloud Service Merch Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
chnl	Channel		
MTTGBOP1C	Tgt BOP Reg+Promo C	real	pst
MTTGBOP1U	Tgt BOP Reg+Promo U	real	pst
MTTGBOP2C	Tgt BOP Clr C	real	pst
MTTGBOP2U	Tgt BOP Clr U	real	pst
MTTGBOPC	Tgt BOP C	real	pst
MTTGBOPU	Tgt BOP U	real	pst
MTTGConsInvC	Tgt Cons Inv C	real	total
MTTGEOP1C	Tgt EOP Reg+Promo C	real	pet
MTTGEOP1U	Tgt EOP Reg+Promo U	real	pet
MTTGEOP2C	Tgt EOP Clr C	real	pet
MTTGEOP2U	Tgt EOP Clr U	real	pet
MTTGEOPC	Tgt EOP C	real	pet
MTTGEOPU	Tgt EOP U	real	pet
MTTGGMR	Tgt GM R	real	total
MTTGInvAdjC	Tgt Inv Adj C	real	total
MTTGInvAdjU	Tgt Inv Adj U	real	total
MTTGMiscAdjC	Tgt Misc Adj C	real	total
MTTGMiscAdjU	Tgt Misc Adj U	real	total
MTTGMkd1R	Tgt Markdown Reg+Promo R	real	total
MTTGMkd2R	Tgt Markdown Clr R	real	total
MTTGMkdR	Tgt Markdown R	real	total
MTTGMkdWFR	Tgt Markdown due to W/F R	real	total
MTTGMOCC	Tgt Move to Clr C	real	total
MTTGMOCU	Tgt Move to Clr U	real	total
MTTGMOSC	Tgt MOS C	real	total
MTTGMOSU	Tgt MOS U	real	total
MTTGNGMR	Tgt Net GM R	real	total
MTTGNSls1C	Tgt Net Sales Reg+Promo C	real	total
MTTGNSls1R	Tgt Net Sales Reg+Promo R	real	total

Table A-16 (Cont.) MFP Cost Cloud Service Merch Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
MTTGNSls1U	Tgt Net Sales Reg+Promo U	real	total
MTTGNSls2C	Tgt Net Sales Clr C	real	total
MTTGNSls2R	Tgt Net Sales Clr R	real	total
MTTGNSls2U	Tgt Net Sales Clr U	real	total
MTTGNSlsC	Tgt Net Sales C	real	total
MTTGNSlsR	Tgt Net Sales R	real	total
MTTGNSlsU	Tgt Net Sales U	real	total
MTTGRcptC	Tgt Receipts C	real	total
MTTGRcptU	Tgt Receipts U	real	total
MTTGRoyalR	Tgt Royalties R	real	total
MTTGRtn1R	Tgt Returns Reg+Promo R	real	total
MTTGRtn1U	Tgt Returns Reg+Promo U	real	total
MTTGRtn2R	Tgt Returns Clr R	real	total
MTTGRtn2U	Tgt Returns Clr U	real	total
MTTGRtnR	Tgt Returns R	real	total
MTTGRtnU	Tgt Returns U	real	total
MTTGShrkC	Tgt Shrink C	real	total
MTTGShrkU	Tgt Shrink U	real	total
MTTGSlS1R	Tgt Sales Reg+Promo R	real	total
MTTGSlS1U	Tgt Sales Reg+Promo U	real	total
MTTGSlS2R	Tgt Sales Clr R	real	total
MTTGSlS2U	Tgt Sales Clr U	real	total
MTTGSlSCompR	Tgt Comp Sales R	real	total
MTTGSlSNCpR	Tgt Non-Comp Sales R	real	total
MTTGSlSR	Tgt Sales R	real	total
MTTGSlSU	Tgt Sales U	real	total
MTTGVndFndR	Tgt Vendor Funds R	real	total
MTTGWFMkDR	Tgt W/F Markdown R	real	total
MTTGWFMkUR	Tgt W/F Markup R	real	total

MFP Cost Cloud Service Merch Target - Working Plan Export

Export Version Name: Merch Target - Working Plan

Export Version: mtwp

Export Mask Measure: MT Wp Export

Exported File: export_mtwp.dat

Table A-17 MFP Cost Cloud Service Merch Target - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
chnl	Channel		
MTWPBOP1C	Wp BOP Reg+Promo C	real	pst
MTWPBOP1U	Wp BOP Reg+Promo U	real	pst
MTWPBOP2C	Wp BOP Clr C	real	pst
MTWPBOP2U	Wp BOP Clr U	real	pst
MTWPBOPC	Wp BOP C	real	pst
MTWPBOPU	Wp BOP U	real	pst
MTWPConsInvC	Wp Cons Inv C	real	total
MTWPEOP1C	Wp EOP Reg+Promo C	real	pet
MTWPEOP1U	Wp EOP Reg+Promo U	real	pet
MTWPEOP2C	Wp EOP Clr C	real	pet
MTWPEOP2U	Wp EOP Clr U	real	pet
MTWPEOPC	Wp EOP C	real	pet
MTWPEOPU	Wp EOP U	real	pet
MTWPGMR	Wp GM R	real	total
MTWPInvAdjC	Wp Inv Adj C	real	total
MTWPInvAdjU	Wp Inv Adj U	real	total
MTWPMiscAdjC	Wp Misc Adj C	real	total
MTWPMiscAdjU	Wp Misc Adj U	real	total
MTWPMkd1R	Wp Markdown Reg+Promo R	real	total
MTWPMkd2R	Wp Markdown Clr R	real	total
MTWPMkdR	Wp Markdown R	real	total
MTWPMkdWFR	Wp Markdown due to W/F R	real	total
MTWPMOCC	Wp Move to Clr C	real	total
MTWPMOCU	Wp Move to Clr U	real	total
MTWPMOSC	Wp MOS C	real	total
MTWPMOSU	Wp MOS U	real	total
MTWPNGMR	Wp Net GM R	real	total
MTWPNSIs1C	Wp Net Sales Reg+Promo C	real	total
MTWPNSIs1R	Wp Net Sales Reg+Promo R	real	total
MTWPNSIs1U	Wp Net Sales Reg+Promo U	real	total

Table A-17 (Cont.) MFP Cost Cloud Service Merch Target - Working Plan Export

Measure	Measure Label	Data Type	Aggregation Type
MTWPNSIs2C	Wp Net Sales Clr C	real	total
MTWPNSIs2R	Wp Net Sales Clr R	real	total
MTWPNSIs2U	Wp Net Sales Clr U	real	total
MTWPNSIsC	Wp Net Sales C	real	total
MTWPNSIsR	Wp Net Sales R	real	total
MTWPNSIsU	Wp Net Sales U	real	total
MTWPRcptC	Wp Receipts C	real	total
MTWPRcptU	Wp Receipts U	real	total
MTWPRoyalR	Wp Royalties R	real	total
MTWPRtn1R	Wp Returns Reg+Promo R	real	total
MTWPRtn1U	Wp Returns Reg+Promo U	real	total
MTWPRtn2R	Wp Returns Clr R	real	total
MTWPRtn2U	Wp Returns Clr U	real	total
MTWPRtnR	Wp Returns R	real	total
MTWPRtnU	Wp Returns U	real	total
MTWPShrkC	Wp Shrink C	real	total
MTWPShrkU	Wp Shrink U	real	total
MTWPSIs1R	Wp Sales Reg+Promo R	real	total
MTWPSIs1U	Wp Sales Reg+Promo U	real	total
MTWPSIs2R	Wp Sales Clr R	real	total
MTWPSIs2U	Wp Sales Clr U	real	total
MTWPSIsCmpR	Wp Comp Sales R	real	total
MTWPSIsNCpR	Wp Non-Comp Sales R	real	total
MTWPSIsR	Wp Sales R	real	total
MTWPSIsU	Wp Sales U	real	total
MTWPVndFndR	Wp Vendor Funds R	real	total
MTWPWFMkDR	Wp W/F Markdown R	real	total
MTWPWFMkUR	Wp W/F Markup R	real	total
MTWPOOAdjC	Wp On Order Adj C	real	total
MTWPOOAdjU	Wp On Order Adj U	real	total
MTWPOOC	Wp On Order C	real	total
MTWPOOU	Wp On Order U	real	total

MFP Cost Cloud Service Location Plan - Current Plan Export

Export Version Name: Location Plan - Current Plan

Export Version: lpcp

Export Mask Measure: LP Cp Export

Exported File: export_lpcp.dat

Table A-18 MFP Cost Cloud Service Location Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
stor	Location		
LPCPBOPC	Cp BOP C	real	pst
LPCPBOPU	Cp BOP U	real	pst
LPCPEOPC	Cp EOP C	real	pet
LPCPEOPU	Cp EOP U	real	pet
LPCPMkdR	Cp Markdown R	real	total
LPCPMkdWFR	Cp Markdown due to W/F R	real	total
LPCPNSIsC	Cp Net Sales C	real	total
LPCPNSIsR	Cp Net Sales R	real	total
LPCPNSIsU	Cp Net Sales U	real	total
LPCPRcptC	Cp Receipts C	real	total
LPCPRcptU	Cp Receipts U	real	total
LPCPRtnR	Cp Returns R	real	total
LPCPRtnU	Cp Returns U	real	total
LPCPShrkC	Cp Shrink C	real	total
LPCPShrkU	Cp Shrink U	real	total
LPCPSIsR	Cp Sales R	real	total
LPCPSIsU	Cp Sales U	real	total
LPCPTranIOC	Cp Transfers In/Out C	real	total
LPCPTranIOU	Cp Transfers In/Out U	real	total
LPCPWFMkDR	Cp W/F Markdown R	real	total
LPCPWFMkUR	Cp W/F Markup R	real	total

MFP Cost Cloud Service Location Plan - Original Plan Export

Export Version Name: Location Plan - Original Plan

Export Version: lpop

Export Mask Measure: LP Op Export

Exported File: export_lpop.dat

Table A-19 MFP Cost Cloud Service Location Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		

Table A-19 (Cont.) MFP Cost Cloud Service Location Plan - Original Plan Export

Measure	Measure Label	Data Type	Aggregation Type
dept	Department		
stor	Location		
LPOPBOPC	Op BOP C	real	pst
LPOPBOPU	Op BOP U	real	pst
LPOPEOPC	Op EOP C	real	pet
LPOPEOPU	Op EOP U	real	pet
LPOPMkDR	Op Markdown R	real	total
LPOPMkDWFR	Op Markdown due to W/F R	real	total
LPOPNSIsC	Op Net Sales C	real	total
LPOPNSIsR	Op Net Sales R	real	total
LPOPNSIsU	Op Net Sales U	real	total
LPOPRcptC	Op Receipts C	real	total
LPOPRcptU	Op Receipts U	real	total
LPOPRtnR	Op Returns R	real	total
LPOPRtnU	Op Returns U	real	total
LPOPShrkC	Op Shrink C	real	total
LPOPShrkU	Op Shrink U	real	total
LPOPSIsR	Op Sales R	real	total
LPOPSIsU	Op Sales U	real	total
LPOPTranIOC	Op Transfers In/Out C	real	total
LPOPTranIOU	Op Transfers In/Out U	real	total
LPOPWFMkDR	Op W/F Markdown R	real	total
LPOPWFMkUR	Op W/F Markup R	real	total

MFP Cost Cloud Service Location Plan - Working Plan Export

Export Version Name: Location Plan - Working Plan

Export Version: lpwp

Export Mask Measure: LP Wp Export

Exported File: export_lpwp.dat

Table A-20 MFP Cost Cloud Service Location Plan - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		

Table A-20 (Cont.) MFP Cost Cloud Service Location Plan - Working Plan Export

Measure	Measure Label	Data Type	Aggregation Type
stor	Location		
LPWPBOPC	Wp BOP C	real	pst
LPWPBOPU	Wp BOP U	real	pst
LPWPEOPC	Wp EOP C	real	pet
LPWPEOPU	Wp EOP U	real	pet
LPWPMkdR	Wp Markdown R	real	total
LPWPMkdWFR	Wp Markdown due to W/F R	real	total
LPWPNSIsC	Wp Net Sales C	real	total
LPWPNSIsR	Wp Net Sales R	real	total
LPWPNSIsU	Wp Net Sales U	real	total
LPWPRcptC	Wp Receipts C	real	total
LPWPRcptU	Wp Receipts U	real	total
LPWPRtnR	Wp Returns R	real	total
LPWPRtnU	Wp Returns U	real	total
LPWPShrkC	Wp Shrink C	real	total
LPWPShrkU	Wp Shrink U	real	total
LPWPSIsR	Wp Sales R	real	total
LPWPSIsU	Wp Sales U	real	total
LPWPTranIOC	Wp Transfers In/Out C	real	total
LPWPTranIOU	Wp Transfers In/Out U	real	total
LPWPWFmKDR	Wp W/F Markdown R	real	total
LPWPWFmKUR	Wp W/F Markup R	real	total
LPWPOOAdjC	Wp On Order Adj C	real	total
LPWPOOAdjU	Wp On Order Adj U	real	total
LPWPOOC	Wp On Order C	real	total
LPWPOOU	Wp On Order U	real	total

MFP Cost Cloud Service Location Target - Target Plan Export

Export Version Name: Location Target - Target Plan

Export Version: lttg

Export Mask Measure: LT Tgt Export

Exported File: export_lttg.dat

Table A-21 MFP Cost Cloud Service Location Target - Target Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
cmp	Company		

Table A-21 (Cont.) MFP Cost Cloud Service Location Target - Target Plan Export

Measure	Measure Label	Data Type	Aggregation Type
stor	Location		
LTTGGMRp	Tgt GM R %	real	average
LTTGNSlsR	Tgt Net Sales R	real	total
LTTGNSlsU	Tgt Net Sales U	real	total
LTTGRtnR	Tgt Returns R	real	total
LTTGRtnU	Tgt Returns U	real	total
LTTGSlsR	Tgt Sales R	real	total
LTTGSlsU	Tgt Sales U	real	total

MFP Cost Cloud Service Location Target - Working Plan Export

Export Version Name: Location Target - Working Plan

Export Version: ltwp

Export Mask Measure: LT Wp Export

Exported File: export_ltwp.dat

Table A-22 MFP Cost Cloud Service Location Target - Working Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
cmpp	Company		
stor	Location		
LTWPGMRp	Wp GM R %	real	average
LTWPNSlsR	Wp Net Sales R	real	total
LTWPNSlsU	Wp Net Sales U	real	total
LTWPRtnR	Wp Returns R	real	total
LTWPRtnU	Wp Returns U	real	total
LTWPSlsR	Wp Sales R	real	total
LTWPSlsU	Wp Sales U	real	total

Appendix: Integration with Oracle Retail Insights and Assortment & Item Planning Cloud Services

This appendix provides information on integration with Oracle Retail Insights and Assortment & Item Planning CS.

MFP Cloud Service Integration with Oracle Retail Insights

MFP Cloud Service integrates with Oracle Retail Insights (RI) to export the approved Original and Current Merch Plans.

This section covers the details of the exports, list of measures exported, and the format.

All approved Merch Plans, Current Plan and Original Plan, for all the planned weeks are exported to RI during each export at the Sub-Class/Channel/Week Level and both are merged into one file as:

- W_RTL_PLAN1_PROD1_LC1_T1_FS.dat

The retailer can either implement MFP Retail Cloud Service or MFP Cost Cloud Service. The RI staging table loads data from both Retail and Cost into a single staging table; a file with the same name is extracted from MFP Cloud Service but only with the required columns data for Retail and Cost. The list of measures that are extracted and that need to load into the RI staging table are specified in the following CTX file. The file is present in the MFP Starter Kit:

- W_RTL_PLAN1_PROD1_LC1_T1_FS.dat.ctx

These need to be provided to RI during implementation so that RI can integrate with MFP Retail Cloud Service or MFP Cost Cloud Service.

The exported file will be zipped as file RI_MFP_DATA.zip and copied to the common Cloud Service applications share location \$RGBU_CLOUD_DATA from where RI can access the file.

The interface can be scheduled to run on a daily or weekly basis by scheduling the respective batch task, Exports to Retail Insights, in the Online Administration Tools.

MFP Retail Cloud Service to RI - Original Plan

Table B-1 MFP Retail Cloud Service to RI - Original Plan Measures

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
DRDVSCLST	Subclass Identifier	String	PROD_DH_NUM	dept~class~subclass
DRDVDPOST	Default Position	String	PROD_DH_ATTR	Defaulted to -1
DRDVCHNLT	Channel Identifier	String	ORG_DH_NUM	
DRDVDPOST	Default Position	String	SUPPLIER_NUM	Defaulted to -1
DRDVLDDWT	Last Day of Week	Date	CAL_DATE	YYYY-MM-DD;HH24:MI:SS
DRDVSRCTT	Source Type	String	PLANNING_TYPE_CODE	Retail
DROPSRCTT	Op Source Type	String	VERSION_NUM	Defaulted to 0 for Op version
MPOPSls2U	Op Sales Clr U	String	SLSCL_QTY	Integer
MPOPSls1U	Op Sales Reg+Promo U	String	SLSRGPRO_QTY	Integer
MPOPSls2R	Op Sales Clr R	Real	SLSCL_RTL_AMT	Real
MPOPSls1R	Op Sales Reg+Promo R	Real	SLSRGPRO_RTL_AMT	Real
MPOPCOGSC	Op COGS C	Real	SLS_COST_AMT	Real
MPOPVATR	Op VAT R	Real	TAX_RTL_AMT	Real
MPOPNSlsR	Op Net Sales R	Real	SLSTE_RTL_AMT	Real
MPOPGMR	Op GM R	Real	MARGIN_RTL_AMT	Real
MPOPInvDV1R	Op Inv Devaluation Reg+Promo R	Real	MKDNPM_RTL_AMT	Real
MPOPmkdR	Op Markdown R	Real	MKDNPR_RTL_AMT	Real
MPOPInvDV2R	Op Inv Devaluation Clr R	Real	MKDNCL_RTL_AMT	Real
MPOPBOPC	Op BOP C	Real	BOH_COST_AMT	Real
MPOPBOPR	Op BOP R	Real	BOH_RTL_AMT	Real
MPOPBOPU	Op BOP U	Real	BOH_QTY	Integer
MPOPEOPC	Op EOP C	Real	EOH_COST_AMT	Real
MPOPEOPR	Op EOP R	Real	EOH_RTL_AMT	Real
MPOPEOPU	Op EOP U	Real	EOH_QTY	Integer
MPOPrcptC	Op Receipts C	Real	INVRC_COST_AMT	Real
MPOPrcptR	Op Receipts R	Real	INVRC_RTL_AMT	Real
MPOPrcptU	Op Receipts U	Real	INVRC_QTY	Integer
MPOPShrkR	Op Shrink R	Real	SHRINK_RTL_AMT	Real
MPOPShrkU	Op Shrink U	Real	SHRINK_QTY	Integer
MPOPMiscAdjR	Op Misc Adj R	Real	MISCI_RTL_AMT	Real

Table B-1 (Cont.) MFP Retail Cloud Service to RI - Original Plan Measures

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
MPOPMiscAdjU	Op Misc Adj U	Real	MISCI_QTY	Integer
DRDVSRICTI	Source Type Index	Real	DATASOURCE_NUM_ID	Real
DROPINTIDT	Op Integration Id	String	INTEGRATION_ID	String

MFP Retail Cloud Service to RI - Current Plan

Table B-2 MFP Retail Cloud Service to RI - Current Plan Measures

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
DRDVSCLST	Subclass Identifier	String	PROD_DH_NUM	dept~class~subclass
DRDVDPOST	Default Position	String	PROD_DH_ATTR	Defaulted to -1
DRDVCHNLT	Channel Identifier	String	ORG_DH_NUM	
DRDVDPOST	Default Position	String	SUPPLIER_NUM	Defaulted to -1
DRDVLDDWT	Last Day of Week	Date	CAL_DATE	YYYY-MM-DD;HH24:MI:SS
DRDVSRICTT	Source Type	String	PLANNING_TYPE_CODE	Retail
DRCPSRCTT	Cp Source Type	String	VERSION_NUM	Defaulted to 1 for Cp version
MPCPSIs2U	Cp Sales Clr U	String	SLSCL_QTY	Integer
MPCPSIs1U	Cp Sales Reg+Promo U	String	SLRGPRO_QTY	Integer
MPCPSIs2R	Cp Sales Clr R	Real	SLSCL_RTL_AMT	Real
MPCPSIs1R	C Sales Reg+Promo R	Real	SLSRGPRO_RTL_AMT	Real
MPCPCOGSC	Cp COGS C	Real	SLS_COST_AMT	Real
MPCPVATR	Cp VAT R	Real	TAX_RTL_AMT	Real
MPCPNSIsR	Cp Net Sales R	Real	SLSTE_RTL_AMT	Real
MPCPGMR	Cp GM R	Real	MARGIN_RTL_AMT	Real
MPCPInvDV1R	Cp Inv Devaluation Reg+Promo R	Real	MKDNPM_RTL_AMT	Real
MPCPMkdR	Cp Markdown R	Real	MKDNPR_RTL_AMT	Real
MPCPInvDV2R	Cp Inv Devaluation Clr R	Real	MKDNCL_RTL_AMT	Real
MPCPBOPC	Cp BOP C	Real	BOH_COST_AMT	Real
MPCPBOPR	Cp BOP R	Real	BOH_RTL_AMT	Real
MPCPBOPU	Cp BOP U	Real	BOH_QTY	Integer
MPCPEOPC	Cp EOP C	Real	EOH_COST_AMT	Real
MPCPEOPR	Cp EOP R	Real	EOH_RTL_AMT	Real
MPCPEOPU	Cp EOP U	Real	EOH_QTY	Integer
MPCPRcptC	Cp Receipts C	Real	INVRC_COST_AMT	Real

Table B-2 (Cont.) MFP Retail Cloud Service to RI - Current Plan Measures

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
MPCPRcptR	Cp Receipts R	Real	INVRC_RTL_AMT	Real
MPCPRcptU	Cp Receipts U	Real	INVRC_QTY	Integer
MPCPShrkR	Cp Shrink R	Real	SHRINK_RTL_AMT	Real
MPCPShrkU	Cp Shrink U	Real	SHRINK_QTY	Integer
MPCPMiscAdjR	Cp Misc Adj R	Real	MISCI_RTL_AMT	Real
MPCPMiscAdjU	Cp Misc Adj U	Real	MISCI_QTY	Integer
DRDVSRCTI	Source Type Index	Real	DATASOURCE_NUM_ID	Real
DRCPINTIDT	Cp Integration Id	String	INTEGRATION_ID	String

MFP Cost Cloud Service to RI - Original Plan

Table B-3 MFP Cost Cloud Service to RI - Original Plan Measures

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
DRDVSCLST	Subclass Identifier	String	PROD_DH_NUM	dept~class~subclass
DRDVDPOST	Default Position	String	PROD_DH_ATTR	Defaulted to -1
DRDVCHNLT	Channel Identifier	String	ORG_DH_NUM	
DRDVDPOST	Default Position	String	SUPPLIER_NUM	Defaulted to -1
DRDVLDDWT	Last Day of Week	Date	CAL_DATE	YYYY-MM-DD;HH24:MI:SS
DRDVSRCTT	Source Type	String	PLANNING_TYPE_CODE	Cost
DROPSRCTT	Op Source Type	String	VERSION_NUM	Defaulted to 0 for Op version
MPOPSlsU	Op Sales U	Real	SLS_QTY	Integer
MPOPSlsR	Op Sales R	Real	SLS_RTL_AMT	Real
MPOPNSlsC	Op Sales C	Real	SLS_COST_AMT	Real
MPOPVATR	Op VAT R	Real	TAX_RTL_AMT	Real
MPOPNSlsR	Op Net Sales R	Real	SLSTE_RTL_AMT	Real
MPOPGMR	Op GM R	Real	MARGIN_RTL_AMT	Real
MPOPBOPC	Op BOP C	Real	BOH_COST_AMT	Real
MPOPBOPU	Op BOP U	Real	BOH_QTY	Integer
MPOPEOPC	Op EOP C	Real	EOH_COST_AMT	Real
MPOPEOPU	Op EOP U	Real	EOH_QTY	Integer
MPOPRcptC	Op Receipts C	Real	INVRC_COST_AMT	Real
MPOPRcptU	Op Receipts U	Real	INVRC_QTY	Integer
MPOPShrkC	Op Shrink C	Real	SHRINK_COST_AMT	Real
MPOPShrkU	Op Shrink U	Real	SHRINK_QTY	Integer
MPOPMiscAdjC	Op Misc Adj C	Real	MISCI_COST_AMT	Real

Table B-3 (Cont.) MFP Cost Cloud Service to RI - Original Plan Measures

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
MPOPMiscAdjU	Op Misc Adj U	Real	MISCI_QTY	Integer
DRDVSRICTI	Source Type Index	Real	DATASOURCE_NUM_ID	Real
DRCPINTIDT	Op Integration Id	String	INTEGRATION_ID	String

MFP Cost Cloud Service to RI - Current Plan**Table B-4 MFP Cost Cloud Service to RI - Current Plan Measures**

Measure	Measure Label	Data Type	RI Staging Table Column	RI Required Format
DRDVSCLST	Subclass Identifier	String	PROD_DH_NUM	dept~class~subclass
DRDVDPOST	Default Position	String	PROD_DH_ATTR	Defaulted to -1
DRDVCHNLT	Channel Identifier	String	ORG_DH_NUM	
DRDVDPOST	Default Position	String	SUPPLIER_NUM	Defaulted to -1
DRDVLDOWT	Last Day of Week	Date	CAL_DATE	YYYY-MM-DD;HH24:MI:SS
DRDVSRICTT	Source Type	String	PLANNING_TYPE_CODE	Cost
DRCPSRCTT	Cp Source Type	String	VERSION_NUM	Defaulted to 1 for Cp version
MPCPSIsU	Cp Sales U	Real	SLS_QTY	Integer
MPCPSIsR	Cp Sales R	Real	SLS_RTL_AMT	Real
MPCPNSIsC	Cp Sales C	Real	SLS_COST_AMT	Real
MPCPVATR	Cp VAT R	Real	TAX_RTL_AMT	Real
MPCPNSIsR	Cp Net Sales R	Real	SLSTE_RTL_AMT	Real
MPCPGMR	Cp GM R	Real	MARGIN_RTL_AMT	Real
MPCPBOPC	Cp BCP C	Real	BOH_COST_AMT	Real
MPCPBOPU	Cp BCP U	Real	BOH_QTY	Integer
MPCPEOPC	Cp ECP C	Real	EOH_COST_AMT	Real
MPCPEOPU	Cp ECP U	Real	EOH_QTY	Integer
MPCPRcptC	Cp Receipts C	Real	INVRC_COST_AMT	Real
MPCPRcptU	Cp Receipts U	Real	NVRC_QTY	Integer
MPCPShrkC	Cp Shrink C	Real	SHRINK_COST_AMT	Real
MPCPShrkU	Cp Shrink U	Real	SHRINK_QTY	Integer
MPCPMiscAdjC	Cp Misc Adj C	Real	MISCI_COST_AMT	Real
MPCPMiscAdjU	Cp Misc Adj U	Real	MISCI_QTY	Integer
DRDVSRICTI	Source Type Index	Real	DATASOURCE_NUM_ID	Real
DRCPINTIDT	Cp Integration Id	String	INTEGRATION_ID	String

MFP Cloud Service Integration with Assortment & Item Planning Cloud Services

MFP Cloud Service integrates with Oracle Retail Assortment & Item Planning Cloud Services to export the approved Original (OP) and Current (CP) Plan versions of the Merchandise Plans. It also exports OTB data. It also exports the Last Approved Plan (AP) version of Location Plans. The final set of exported measures remains the same for both MFP Retail and MFP Cost.

The interface can be scheduled to run on a weekly basis by scheduling the respective Exports to Shared Services task in the Online Administration Tools.

Exported files will be placed into the common Cloud Service applications share location RGBU_CLOUD_DATA from where the respective Cloud Service applications can access the files.

This section lists the measure files exported to Shared Services.

Exported File: Merch Current Plan

Exported File Name: mfp_mpcp.csv.ovr

Table B-5 MFP Cloud Service Merch Plan - Current Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Sub Class		
chnl	Channel		
MPCPSLS1U	Cp Sales Reg + Promo U	real	total
MPCPSLS2U	Cp Sales Clr U	real	total
MPCPSLS1R	Cp Sales Reg + Promo R	real	total
MPCPSLS2R	Cp Sales Clr R	real	total
MPCPCOGSC/MPCPSLSC	Cp Sales C	real	total
MPCPRCPTU	Cp Receipts U	real	total
MPCPRCPTR	Cp Receipts R	real	total
MPCPRCPTC	Cp Receipts C	real	total
MPCPEOPU	Cp EOP U	real	pet
MPCPEOPR	Cp EOP R	real	pet
MPCPEOPC	Cp EOP U	real	pet
MPCPRTN1U	Cp Returns Reg + Promo U	real	total
MPCPRTN2U	Cp Returns Clr U	real	total
MPCPRTN2R	Cp Returns Reg + Promo R	real	total
MPCPRTN2R	Cp Returns Clr R	real	total

Exported File: Merch Original Plan

Exported File Name: mfp_mpop.csv.ovr

Table B-6 MFP Cloud Service Merch Plan - Original Plan Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Sub Class		
chnl	Channel		
MPOPSLS1U	Op Sales Reg + Promo U	real	total
MPOPSLS2U	Op Clr U	real	total
MPOPSLS1R	Op Sales Reg + Promo R	real	total
MPOPSLS2R	Op Clr R	real	total
MPOPCOGSC/MPOPSLSC	Op Sales C	real	total
MPOPRCPTU	Op Receipts U	real	total
MPOPRCPTR	Op Receipts R	real	total
MPOPRCPTC	Op Receipts C	real	total
MPOPEOPU	Op EOP U	real	pet
MPOPEOPR	Op EOP R	real	pet
MPOPEOPC	Op EOP U	real	pet
MPOPRTN1U	Op Returns Reg + Promo U	real	total
MPOPRTN2U	Op Returns Clr U	real	total
MPOPRTN1R	Op Returns Reg + Promo R	real	total
MPOPRTN2R	Op Returns Clr R	real	total

Exported File: Merch Plan OTB

Exported File Name: mfp_otb.csv.rpl

Table B-7 MFP Cloud Service Merch Plan - Open to Buy Export Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
scls	Sub Class		
chnl	Channel		
MPWPOTBU	Open to Buy U	real	total
MPWPOADJU	On Order Adj U	real	total
MPWPOTBC	Open to Buy C	real	total
MPWPOADJC	On Order Ajd C	real	total

Exported File: Location Last Approved Plan

Exported File Name: mfp_lpap.csv.ovr

Table B-8 MFP Cloud Service Merch Plan - Location Last Approved Plan Measures

Measure	Measure Label	Data Type	Aggregation Type
week	Week		
dept	Department		
stor	Store		
LPAPSI _s U	Ap Sales U	real	total
LPAPSI _s R	Ap Sales R	real	total
LPAPNSI _s C (LPAPCOGSC)	Ap Sales C	real	total
LPAPRcptU	Ap Receipts U	real	total
LPAPRcptR	Ap Receipts R	real	total
LPAPRcptC	Ap Receipts C	real	total
LPAPEOPU	Ap EOP U	real	total
LPAPEOPR	Ap EOP R	real	total
LPAPEOPC	Ap EOP C	real	total
LPAPRtnU	Ap Returns U	real	total
LPAPRtnR	Ap Returns R	real	total

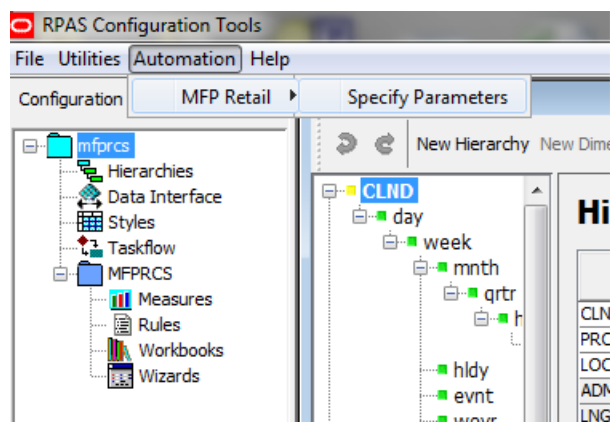
Appendix: Generating the Configuration for Plug-in Options

MFP Cloud Service supports generating different configurations using plug-in automation for different configuration options. Implementers are expected to start with the MFP Cloud Service GA configuration and run plug-in automation to generate the configuration with the required configuration options. The plug-in options are also available to generate the configuration during installation using the Self Service options from Online Administration Tools.

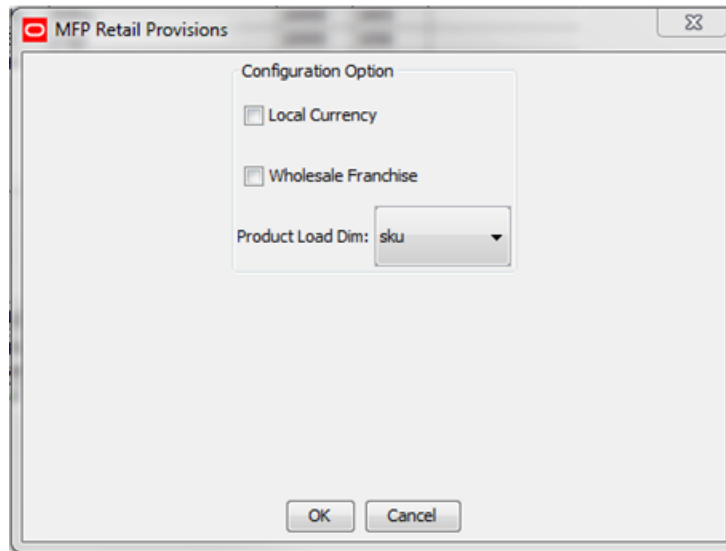
Creating the Configuration Using Plug-ins

To create the configuration using plug-ins:

1. Once the base GA configuration is copied, open the configuration using Configuration Tools.
2. From the Configuration Tools toolbar, select the Automation menu. Select the MFP Retail or MFP Cost solution and then select Specify Parameters.



3. A window opens with the available configuration options. Select the configuration options needed for the configuration by checking or un-checking each option. Click **OK**.



4. The automation will run and generate the configuration for the selected option. Save the generated configuration.

Appendix: Data Load

The tables in this appendix list the measures that are loaded as part of the administration tasks.

Load - Actuals Data

The tables in this section list the measures that are loaded as part of the administration task Load - Actuals Data. Only measure files that are uploaded will be loaded.

[Table D-1](#) lists the measures for the MFP Retail Cloud Service Load - Actuals Data administration task.

Table D-1 MFP Retail Cloud Service Load - Actuals Data 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

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

Measure Name	Measure Label	Load Intersection
drtyshrkc	Ty Shrink C	week_scls_stor
drtyshrkr	Ty Shrink R	week_scls_stor
drtyshrku	Ty Shrink U	week_scls_stor
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 D-2 lists the measures for the MFP Cost Cloud Service Load - Actuals Data administration task.

Table D-2 MFP Cost Cloud Service Load - Actuals Data 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
drtytnsl1c	Ty Net Sales Reg+Promo C	week_scls_stor
drtytnsl2c	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
drtyshrkc	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
drtybopisvp	Ty Buy Online Pick-Up in Store %	week/scls
drtyborisvp	Ty BORIS %	week/scls

Table D–2 (Cont.) MFP Cost Cloud Service Load - Actuals Data Measures

Measure Name	Measure Label	Load Intersection
drtyborovp	Ty BORO %	week/scls
drtyincngstku	Ty Store to Warehouse Restocking \$/ U	week/scls
drtyonstku	Ty Warehouse Restocking \$/ U	week/scls
drtyrststku	Ty Store Restocking \$/ U	week/scls
drtymtvdp	Ty Return Back to Online %	week/scls
drtymt1u	Ty Return Back to Online (Reg+Promo) U	week_scls_stor
drtymt1r	Ty Return Back to Online (Reg+Promo) R	week_scls_stor
drtymt2u	Ty Return Back to Online (Clr) U	week_scls_stor
drtymt2r	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
drtyims1c	Ty Pick up in Store (Reg+Promo) C	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
drtyims2c	Ty Pick up in Store (Clr) C	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
drtystc1c	Ty Ship to Customer (Reg+Promo) C	week_scls_stor
drtystc2u	Ty Ship to Customer (Clr) U	week_scls_stor
drtystc2r	Ty Ship to Customer (Clr) R	week_scls_stor
drtystc2c	Ty Ship to Customer (Clr) C	week_scls_stor
drtytrafficu	Ty Traffic U	week_scls_stor
drtydemandu	Ty Demand U	week_scls_stor
drtycancu	Ty Cancel U	week_scls_stor
drtyfulfillu	Ty Fulfilled U	week_scls_stor
drtybocancu	Ty Backorder Cancel U	week_scls_stor
drtybofulfillu	Ty Backorder Fulfilled U	week_scls_stor

Load - On Order Data

The tables in this section list the measures that are loaded as part of the administration task Load - On Order Data. Only measure files that are uploaded will be loaded.

[Table D–3](#) lists the measures for the MFP Retail Cloud Service Load - On Order Data administration task.

Table D-3 MFP Retail Cloud Service Load - On Order Data 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 D-4 lists the measures for the MFP Cost Cloud Service Load - On Order Data administration task.

Table D-4 MFP Cost Cloud Service Load - On Order Data Measures

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

Load - Admin Data

The tables in this section list the measures that are loaded as part of the administration task Load - Admin Data. Only measure files that are uploaded will be loaded. The Admin data load is optional and most of the data can be directly entered and managed by users in the MFP Maintenance workbooks.

Table D-5 lists the measures for both the MFP Retail Cloud Service and MFP Cost Cloud Service Load - Admin Data administration task.

Table D-5 MFP Retail Cloud Service and Cost Cloud Service Load - Admin Data 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
addvchwhmapt	Warehouse - Channel Mapping	stor

Appendix: RMF CS Integration

MFP Cloud Service supports integration with Oracle Retail Merchandising Foundation Cloud Service (RMF CS). If a retailer has RMF CS as the source system for inventory and transactional data, they can readily integrate to get foundation hierarchy data, inventory, and transactional data from RMF Cloud Service. This section provides details on the list of hierarchies and data files that are integrated with Oracle Retail Merchandising Foundation Cloud Service.

Integration Assumptions

Following is a list of requirements/assumptions for integration with RMF CS:

- MFP Channel is mapped to RMF CS Area.
- Warehouses are sent to MFP as locations. RMF CS Warehouses holds inventory and on-order data. RMF CS Warehouses needs to be mapped to MFP Channels within MFP in order to get the true picture of inventory and on-order data.
- RMF CS sends hierarchy and data files on a weekly basis.
- RMF CS sends the data at item level, so MFP needs to be implemented with the lowest data load intersection as item.
- RMF CS sends all data based on only one primary currency. It also sends currency conversion rates for different currencies. That can be used within MFP to plan and view data on different local currencies.

Integrated Hierarchy and Data Files

RMF CS sends the following sets of hierarchy and data files. All RMF CS files are copied to the common cloud service share location from where MFP Cloud Service can pick up the files for further processing. Interface files need to be transformed to format the files into the MFP required format to filter columns not used and split and create different group of files as needed by MFP. MFP Configured Batch Process will transform the files to the MFP required formats, rename the final files as needed by MFP, and copy them to the domain input location for subsequent hierarchy or measure load processing. For each of the hierarchy and data files, RMF CS also sends a trigger file with the same name as the original file with the extension .complete. The MFP Cloud Service batch process waits for the trigger files to start processing the corresponding data or hierarchy file. After processing, it deletes those trigger files.

Any required data files that are not coming as part of the RMF CS interface need to be loaded in the weekly batch and grouped as load_non_rms in the batch control file. The data files will be loaded as part of the weekly batch.

Hierarchy Files

The following hierarchy files are provided by RMF CS and need to be transformed to the MFP format before loading them into MFP Cloud Service. For each hierarchy file, RMF CS only sends the base and alternate dimensions of the hierarchies and not the user alternate rollups.

Calendar Hierarchy - rms_clnd.csv.dat

RMF CS sends the calendar hierarchy file without calendar labels. Calendar labels are added in the weekly batch process by calling the MFP custom script (ra_custom) with the parameter rms_clnd_label, which adds the calendar labels. If a customer wants to use different calendar labels, they can load their preferred calendar labels using generic hierarchy position translations enabled for the calendar hierarchy.

RMF CS sends the calendar hierarchy file with dates for five years. Based on the current date, two year historical dates, current year dates, and two future year dates.

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Field Description	MFP Mapping
Day	The date from which the 4-5-4 data was derived, in YYYYMMDD format.	day
Week	The end of week date for the day, in YYYYMMDD format.	week
Month	The 4-5-4 month of the year, valid values 1 to 12.	mnth
Quarter	The 4-5-4 quarter of the year, valid values 1 to 4.	qtr
Half	The 4-5-4 half of the year, valid values 1 or 2.	half
Year	The 4-5-4 year.	year
week_of_year	The 4-5-4 week of the year, valid values 1 to 53.	woyr
day_of_week	The day number within the week, valid values 1 to 7.	

Product Hierarchy - rms_prod.csv.dat

RMF CS exports all sellable and inventoried items.

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
ITEM	Item ID	sku
ITEM_DESC	Item Description	sku_label
ITEM_PARENT_DIFF	Parent/Diff ID	
ITEM_PARENT_DIFF_DESC	Parent/Diff Description	
ITEM_PARENT	Parent ID	
ITEM_PARENT_DESC	Parent Description	
SUBCLASS_ID	Subclass ID	scls

Field Name	Functional Name	MFP Mapping
SUB_NAME	Subclass Name	scls_label
CLASS_ID	Class ID	clss
CLASS_NAME	Class Name	clss_label
DEPT	Department	dept
DEPT_NAME	Department Name	dept_label
GROUP_NO	Group	pgrp
GROUP_NAME	Group Name	pgrp_label
DIVISION	Division	dvsn
DIV_NAME	Division Name	dvsn_label
COMPANY	Company	cmpp
CO_NAME	Company Name	cmpp_label
FORECAST_IND	Forecastable Item flag	
CLASS_DISPLAY_ID	Class Display ID	drtyclsst
SUBCLASS_DISPLAY_ID	Subclass Display ID	drtyclsst
BRAND_NAME	Brand ID	
BRAND_DESCRIPTION	Brand Description	
SUPPLIER	Supplier Site	
SUP_NAME	Supplier Name	
DIFF_TYPE1	Diff Type1	
DIFF_ID1	Diff 1	
DIFF_TYPE2	Diff Type2	
DIFF_ID2	Diff 2	
DIFF_TYPE3	Diff Type3	
DIFF_ID3	Diff 3	
DIFF_TYPE4	Diff Type4	
DIFF_ID4	Diff 4	

Location Hierarchy - rms_loc.csv.dat

RMF CS Area will be exported as MFP Channel.

All Virtual Warehouses in RMF CS will be exported as unique locations.

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
LOCATION	Location ID	stor
LOC_NAME	Location Name	stor_label
DISTRICT	District ID	dstr
DISTRICT_NAME	District Name	dstr_label
REGION	Region ID	regn

Field Name	Functional Name	MFP Mapping
REGION_NAME	Region Name	regn_label
AREA	Area ID	chnl
AREA_NAME	Area Name	chnl_label
CHAIN	Chain ID	chan
CHAIN_NAME	Chain Name	chan_label
COMPANY	Company ID	comp
CO_NAME	Company Name	comp_label
COMPANY_CURRENCY	Primary Currency	
LOC_TYPE	Location Type	loct
LOC_TYPE_NAME	Location Type Description	loct_label
PHYSICAL_WH	Physical WH ID	phwh
PHYSICAL_WH_NAME	Physical WH Name	phwh_label
CHANNEL_ID	WH Channel ID	fflt
CHANNEL_NAME	WH Channel Name	fflt_label
STORE_CLASS	Store Class	
STORE_CLASS_DESCRIPTION	Store Class Description	
STORE_FORMAT	Store Format	
STORE_FORMAT_NAME	Store Format Name	

Currency Hierarchy - rms_curr.csv.ovr

The Currency conversion rate data file from RMF CS will be transformed to be loaded as a Currency Hierarchy file to load the unique currency codes.

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
EFFECTIVE_DATE	Effective Date	
FROM_CURRENCY_CODE	From Currency	
TO_CURRENCY_CODE	To Currency	curc, curc_label
EXCHANGE_TYPE	Exchange Rate Type	
EXCHANGE_RATE	Exchange Rate	

Data Files

The following data files are provided by RMF CS and need to be transformed to the MFP format before loading them into MFP Cloud Service. All RMF CS files are transformed first and loaded together using the single Load Task Load - RMS Interface Data.

Inventory Data File - rms_inv.csv.ovr

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
EOW_DATE	End of week date	week
ITEM	Item ID	sku
LOCATION	Location ID	stor
LOC_TYPE	Location Type	
CLEAR_IND	Clearance flag	
REGULAR_INVENTORY_UNITS	Inventory Units	drtyeop1u/drtyeop2u
REGULAR_INVENTORY_COST	Inventory Cost	drtyeop1c/drtyeop2c
REGULAR_INVENTORY_RETAIL	Inventory Retail	drtyeop1r/drtyeop2r
UNIT_COST	Unit Cost	
AV_COST	Average Cost	
UNIT_RETAIL	Unit Retail	

On Order Data File - rms_oo.csv.ovr

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
EOW_DATE	End of week date	week
ITEM	Item ID	sku
LOCATION	Location ID	stor
LOC_TYPE	Location Type	
CLEAR_IND	Clearance flag	
ON_ORDER_UNITS	On Order Units	drtyoou
ON_ORDER_COST	On Order Cost	drtyooc
ON_ORDER_RETAIL	On Order Retail	drtyoor

Transaction Data File - rms_tran.csv.ovr

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process. RMF CS sends Net Sales in all regular, promotion, and clearance buckets. But MFP GA uses sales as only two types, Reg+Promo and Clearance, and also needs Gross Sales. After loading, additional batch calculations, which run as part of RMF CS batch transforms, calculate those required measures.

Also, RMF CS sends multiple type transaction details specific to receipts; batch calculations will calculate the effective receipts data.

Field Name	Functional Name	MFP Mapping
EOW_DATE	End of Week Date	week
ITEM	Item ID	sku
LOCATION	Location ID	stor
LOC_TYPE	Location Type	

Field Name	Functional Name	MFP Mapping
CLEAR_IND	Clearance flag	
STANDARD_UOM	Standard UOM	
CURRENCY_CODE	Currency Code	
NET_SALES_REG_UNITS	Net Sales Units - Reg	drtyynslsregu
NET_SALES_REG_COST	Net Sales Cost - Reg	drtyynslsregc
NET_SALES_REG_RETAIL	Net Sales Retail - Reg	drtyynslsregr
NET_SALES_PROMO_UNITS	Net Sales Units - Promo	drtyynslsprou
NET_SALES_PROMO_COST	Net Sales Cost - Promo	drtyynslsproc
NET_SALES_PROMO_RETAIL	Net Sales Retail - Promo	drtyynslspror
NET_SALES_CLEAR_UNITS	Net Sales Units - Clear	drtyynslsclru
NET_SALES_CLEAR_COST	Net Sales Cost - Clear	drtyynslsclrc
NET_SALES_CLEAR_RETAIL	Net Sales Retail - Clear	drtyynslsclrr
NET_SALES_REG_RETAIL_VAT_EXCL	Net Sales (VAT Exclusive) Retail - Reg	
NET_SALES_PROMO_RETAIL_VAT_EXCL	Net Sales (VAT Exclusive) Retail - Promo	
NET_SALES_CLR_RETAIL_VAT_EXCL	Net Sales (VAT Exclusive) Retail - Clear	
RETURNS_REG_UNITS	Returns Units - Reg	drtyrtnregu
RETURNS_REG_COST	Returns Cost - Reg	drtyrtnregc
RETURNS_REG_RETAIL	Returns Retail - Reg	drtyrtnregr
RETURNS_PROMO_UNITS	Returns Units - Promo	drtyrtnprou
RETURNS_PROMO_COST	Returns Cost - Promo	drtyrtnproc
RETURNS_PROMO_RETAIL	Returns Retail - Promo	drtyrtnpror
RETURNS_CLEAR_UNITS	Returns Units - Clear	drtyrtnclru
RETURNS_CLEAR_COST	Returns Cost - Clear	drtyrtnclrc
RETURNS_CLEAR_RETAIL	Returns Retail - Clear	drtyrtnclrr
REG_MARKDOWN_RETAIL	Regular Markdown	drtymkdregr
PROMO_MARKDOWN_RETAIL_REG	Promotion Markdown (Regular)	drtymkdpror
PROMO_MARKDOWN_RETAIL_CLEAR	Promotion Markdown (Clearance)	drtymkdpclr
CLEAR_MARKDOWN_RETAIL	Clearance Markdown	drtymkclrr
WF_MARKDOWN_RETAIL	Franchise Markdown	drtywfmkdr
WF_MARKUP_RETAIL	Franchise Markup	drtywfmkur
SHRINK_UNITS	Shrink Units	drtyrinva1u
SHRINK_COST	Shrink Cost	drtyrinva1c
SHRINK_RETAIL	Shrink Retail	drtyrinva1r
DEAL_INCOME_SALES	Deal Income Sales Based	drtyvndfndr

Field Name	Functional Name	MFP Mapping
PO_RECEIPT_UNITS	PO Receipt Units	drtyporcptu
PO_RECEIPT_COST	PO Receipt Cost	drtyporcptc
PO_RECEIPT_RETAIL	PO Receipt Retail	drtyporcptr
NON_SHRINK_ADJ_UNITS	Non-Shrink Adjustments Units	drtyrinva2u
NON_SHRINK_ADJ_COST	Non-Shrink Adjustments Cost	drtyrinva2c
NON_SHRINK_ADJ_RETAIL	Non-Shrink Adjustments Retail	drtyrinva2r
DEAL_INCOME_PURCHASES	Deal Income Purchases Based	
MARKUP	Markup	drtymkupr
MARKDOWN_CANCEL	Markdown Cancel	drtymkdcanr
INTERCOMPANY_MARKUP	Intercompany Markup	drtyicmkur
INTERCOMPANY_MARKDOWN	Intercompany Markdown	drtyicmkdr
RTV_UNITS	RTV Units	
RTV_COST	RTV Cost	
RTV_RETAIL	RTV Retail	
TSF_IN_UNITS	Transfer/Allocation Inbound Units	drtytraninu
TSF_IN_COST	Transfer/Allocation Inbound Cost	drtytraninc
TSF_IN_RETAIL	Transfer/Allocation Inbound Retail	drtytraninr
TSF_IN_UNITS_BOOK	Book Transfer/Allocation Inbound Units	drtytraninbu
TSF_IN_COST_BOOK	Book Transfer/Allocation Inbound Cost	drtytraninbc
TSF_IN_RETAIL_BOOK	Book Transfer/Allocation Inbound Retail	drtytraninbr
TSF_OUT_UNITS	Transfer/Allocation Outbound Units	drtytranoutu
TSF_OUT_COST	Transfer/Allocation Outbound Cost	drtytranoutc
TSF_OUT_RETAIL	Transfer/Allocation Outbound Retail	drtytranoutr
TSF_OUT_UNITS_BOOK	Book Transfer/Allocation Outbound Units	drtytranoutbu
TSF_OUT_COST_BOOK	Book Transfer/Allocation Outbound Cost	drtytranoutbc
TSF_OUT_RETAIL_BOOK	Book Transfer/Allocation Outbound Retail	drtytranoutbr
RECLASS_IN_UNITS	Reclass In Units	
RECLASS_IN_COST	Reclass In Cost	
RECLASS_IN_RETAIL	Reclass In Retail	
RECLASS_OUT_UNITS	Reclass Out Units	
RECLASS_OUT_COST	Reclass Out Cost	
RECLASS_OUT_RETAIL	Reclass Out Retail	
TSF_IN_UNITS_ICT	Intercompany Transfer/Allocation Inbound Units	drtytraniniu

Field Name	Functional Name	MFP Mapping
TSF_IN_COST_ICT	Intercompany Transfer/Allocation Inbound Cost	drtytranic
TSF_IN_RETAIL_ICT	Intercompany Transfer/Allocation Inbound Retail	drtytranimr
TSF_OUT_UNITS_ICT	Intercompany Transfer/Allocation Outbound Units	drtytranoutiu
TSF_OUT_COST_ICT	Intercompany Transfer/Allocation Outbound Cost	drtytranoutir
TSF_OUT_RETAIL_ICT	Intercompany Transfer/Allocation Outbound Retail	drtytranoutic
INTERCOMPANY_MARGIN	Intercompany Margin	
TSF_RECEIPT_UNITS	Transfer/Allocation Receipt Units	
TSF_RECEIPT_COST	Transfer/Allocation Receipt Cost	
TSF_RECEIPT_RETAIL	Transfer/Allocation Receipt Retail	
RTV_RESTOCK_FEE	RTV Restocking Fee	
FRANCHISE_SALES_UNITS	Franchise Sales Units	drtywflsu
FRANCHISE_SALES_COST	Franchise Sales Cost	drtywflsc
FRANCHISE_SALES_RETAIL	Franchise Sales Retail	drtywflsr
FRANCHISE_RETURNS_UNITS	Franchise Returns Units	drtywfrtnu
FRANCHISE_RETURNS_COST	Franchise Returns Cost	drtywfrtnc
FRANCHISE_RETURNS_RETAIL	Franchise Returns Retail	drtywfrtnr
FRANCHISE_RESTOCK_FEE	Franchise Restocking Fee	

Currency Conversion Rate File - rms_curr.csv.ovr

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
EFFECTIVE_DATE	Effective Date	day
FROM_CURRENCY_CODE	From Currency	
TO_CURRENCY_CODE	To Currency	curc
EXCHANGE_TYPE	Exchange Rate Type	
EXCHANGE_RATE	Exchange Rate	drtylcratex

Location File - rms_store.csv.ovr

The following table contains the list of column contents from the file. Only required columns for MFP are filtered by the transform process.

Field Name	Functional Name	MFP Mapping
STORE	Store ID	stor

Field Name	Functional Name	MFP Mapping
STORE_NAME	Store Name	
DISTRICT	District ID	
STORE_CLOSE_DATE	Store Close Date	addvlocendd
STORE_OPEN_DATE	Store Open Date	
REMODEL_DATE	Remodel Date	addvlocrefd
STORE_CLASS	Store Class	
STORE_CLASS_DESCRIPTION	Store Class Description	
STORE_FORMAT	Store Format	
STORE_FORMAT_NAME	Store Format Name	
CURRENCY	Currency Code	
STORE_TYPE	Store Type	addvwfpoct
STOCKHOLDING_IND	Stockholding	

Load - RMS Interface Data

The following table lists the measures that are loaded as part of the administration task Load - RMS Interface Data. The table also provides the main RMF CS interface file from where measure data is transformed.

Table E-1 MFP Cloud Service Load - RMS Interface Data Measures

Measure Name	Measure Label	RMF CS Interface File	MFP Type
drtynslsregr	Ty Net Sales Reg R	rms_tran.csv.ovr	Retail and Cost
drtynslspror	Ty Net Sales Promo R	rms_tran.csv.ovr	Retail and Cost
drtynslsclrr	Ty Net Sales Clr R	rms_tran.csv.ovr	Retail and Cost
drtynslsregc	Ty Net Sales Reg C	rms_tran.csv.ovr	Cost
drtynslsproc	Ty Net Sales Promo C	rms_tran.csv.ovr	Cost
drtynsclsclrc	Ty Net Sales Clr C	rms_tran.csv.ovr	Cost
drtynslsregu	Ty Net Sales Reg U	rms_tran.csv.ovr	Retail and Cost
drtynslsprou	Ty Net Sales Promo U	rms_tran.csv.ovr	Retail and Cost
drtynsclsclu	Ty Net Sales Clr U	rms_tran.csv.ovr	Retail and Cost
drtyrtnregr	Ty Returns Reg R	rms_tran.csv.ovr	Retail and Cost
drtyrtnpror	Ty Returns Promo R	rms_tran.csv.ovr	Retail and Cost
drtyrtnclrr	Ty Returns Clr R	rms_tran.csv.ovr	Retail and Cost
drtyrtnregc	Ty Returns Reg C	rms_tran.csv.ovr	Cost
drtyrtnproc	Ty Returns Promo C	rms_tran.csv.ovr	Cost
drtyrtnclrc	Ty Returns Clr C	rms_tran.csv.ovr	Cost
drtyrtnregu	Ty Returns Reg U	rms_tran.csv.ovr	Retail and Cost
drtyrtnprou	Ty Returns Promo U	rms_tran.csv.ovr	Retail and Cost
drtyrtnclru	Ty Returns Clr U	rms_tran.csv.ovr	Retail and Cost

Table E-1 (Cont.) MFP Cloud Service Load - RMS Interface Data Measures

Measure Name	Measure Label	RMF CS Interface File	MFP Type
drtyeop1c	Ty EOP Reg+Promo C	rms_inv.csv.ovr	Retail and Cost
drtyeop1r	Ty EOP Reg+Promo R	rms_inv.csv.ovr	Retail and Cost
drtyeop1u	Ty EOP Reg+Promo U	rms_inv.csv.ovr	Retail and Cost
drtyeop2c	Ty EOP Clr C	rms_inv.csv.ovr	Retail and Cost
drtyeop2r	Ty EOP Clr R	rms_inv.csv.ovr	Retail and Cost
drtyeop2u	Ty EOP Clr U	rms_inv.csv.ovr	Retail and Cost
drtyporcptc	Ty PO Receipts C	rms_tran.csv.ovr	Retail and Cost
drtypocptr	Ty PO Receipts R	rms_tran.csv.ovr	Retail and Cost
drtyporcptu	Ty PO Receipts U	rms_tran.csv.ovr	Retail and Cost
drtyrinva1c	Ty RMF Shrink Inventory Adjust C	rms_tran.csv.ovr	Retail and Cost
drtyrinva1r	Ty RMF Shrink Inventory Adjust R	rms_tran.csv.ovr	Retail
drtyrinva1u	Ty RMF Shrink Inventory Adjust U	rms_tran.csv.ovr	Retail and Cost
drtyrinva2c	Ty RMF Non-Shrink Inventory Adjust C	rms_tran.csv.ovr	Retail and Cost
drtyrinva2r	Ty RMF Non-Shrink Inventory Adjust R	rms_tran.csv.ovr	Retail
drtyrinva2u	Ty RMF Non-Shrink Inventory Adjust U	rms_tran.csv.ovr	Retail and Cost
drtyvndfndr	Ty Vendor Funds R	rms_tran.csv.ovr	Retail and Cost
drtytraninu	Ty Transfers In U	rms_tran.csv.ovr	Retail and Cost
drtytraninc	Ty Transfers In C	rms_tran.csv.ovr	Retail and Cost
drtytraninr	Ty Transfers In R	rms_tran.csv.ovr	Retail and Cost
drtytraninbu	Ty Transfers In Book U	rms_tran.csv.ovr	Retail and Cost
drtytraninbc	Ty Transfers In Book C	rms_tran.csv.ovr	Retail and Cost
drtytraninbr	Ty Transfers In Book R	rms_tran.csv.ovr	Retail and Cost
drtytranoutu	Ty Transfers Out U	rms_tran.csv.ovr	Retail and Cost
drtytranoutc	Ty Transfers Out C	rms_tran.csv.ovr	Retail and Cost
drtytranoutr	Ty Transfers Out R	rms_tran.csv.ovr	Retail and Cost
drtytranoutbu	Ty Transfers Out Book U	rms_tran.csv.ovr	Retail and Cost
drtytranoutbc	Ty Transfers Out Book C	rms_tran.csv.ovr	Retail and Cost
drtytranoutbr	Ty Transfers Out Book R	rms_tran.csv.ovr	Retail and Cost
drtytraniniu	Ty Transfers In ICT U	rms_tran.csv.ovr	Retail and Cost
drtytraninic	Ty Transfers In ICT C	rms_tran.csv.ovr	Retail and Cost
drtytraninir	Ty Transfers In ICT R	rms_tran.csv.ovr	Retail and Cost
drtytranoutiu	Ty Transfers Out ICT U	rms_tran.csv.ovr	Retail and Cost
drtytranoutic	Ty Transfers Out ICT C	rms_tran.csv.ovr	Retail and Cost

Table E-1 (Cont.) MFP Cloud Service Load - RMS Interface Data Measures

Measure Name	Measure Label	RMF CS Interface File	MFP Type
drtytranoutir	Ty Transfers Out ICT R	rms_tran.csv.ovr	Retail and Cost
drtymkupr	Ty Markup R	rms_tran.csv.ovr	Retail and Cost
drtymkdcanr	Ty Markdown Cancel R	rms_tran.csv.ovr	Retail and Cost
drtymkdregr	Ty Markdown Reg R	rms_tran.csv.ovr	Retail and Cost
drtymkdpror	Ty Markdown Promo R	rms_tran.csv.ovr	Retail and Cost
drtymkdpcldr	Ty Markdown Promo Clear R	rms_tran.csv.ovr	Retail and Cost
drtymkdclrr	Ty Markdown Clear R	rms_tran.csv.ovr	Retail and Cost
drtywfmkdr	Ty W/F Markdown R	rms_tran.csv.ovr	Retail and Cost
drtywfmkur	Ty W/F Markup R	rms_tran.csv.ovr	Retail and Cost
drtywflsu	TY W/F Sales U	rms_tran.csv.ovr	Retail and Cost
drtywflsc	TY W/F Sales C	rms_tran.csv.ovr	Retail and Cost
drtywflsr	TY W/F Sales R	rms_tran.csv.ovr	Retail and Cost
drtywfrtnu	TY W/F Returns U	rms_tran.csv.ovr	Retail and Cost
drtywfrtnc	TY W/F Returns C	rms_tran.csv.ovr	Retail and Cost
drtywfrtnr	TY W/F Returns R	rms_tran.csv.ovr	Retail and Cost
drtyicmkur	TY Inter-Company Markup	rms_tran.csv.ovr	Retail and Cost
drtyicmkdr	TY Inter-Company Markdown	rms_tran.csv.ovr	Retail and Cost
drtyoou	Ty On Order U	rms_oo.csv.ovr	Retail and Cost
drtyoor	Ty On Order R	rms_oo.csv.ovr	Retail
drtyooc	Ty On Order C	rms_oo.csv.ovr	Retail and Cost
drtylcratex	Ty Local Currency Rate	rms_curr.csv.ovr	Retail and Cost
addvlocendd	Location Close Dt	rms_store.csv.ovr	Retail and Cost
addvlocrefd	Location Refurbish Dt	rms_store.csv.ovr	Retail and Cost
addvwfpoct	W/F Location Type	rms_store.csv.ovr	Retail and Cost
drtyclsst	Ty RMS Class Number	rms_prod.csv.dat	Retail and Cost
drtyclsst	Ty RMS Subclass Number	rms_prod.csv.dat	Retail and Cost

Load - Non-RMS Data

The following table lists the measures that can be loaded as part of the weekly batch with RMS that are not coming from RMS using the batch control entry load_non_rms.

Table E-2 MFP Cloud Service Load - Non-RMS Interface Data Measures

Measure Name	Measure Label	Load Intersection	MFP Type
drtymiscadjr	Ty Misc Adj R	week_scls_stor	Retail
drtymiscadjc	Ty Misc Adj C	week_scls_stor	Cost
drtymiscadju	Ty Misc Adj U	week_scls_stor	Retail and Cost

Table E-2 (Cont.) MFP Cloud Service Load - Non-RMS Interface Data Measures

Measure Name	Measure Label	Load Intersection	MFP Type
drtyroyalr	Ty Royalties R	week_scls_stor	Retail and Cost
drtyconsinvr	Ty Cons Inv R	week_scls_stor	Retail
drtyconsinvc	Ty Cons Inv C	week_scls_stor	Cost
drtybopisvp	Ty Buy Online Pick-Up in Store %	week/scls	Retail and Cost
drtyborisvp	Ty BORIS %	week/scls	Retail and Cost
drtyborovp	Ty BORO %	week/scls	Retail and Cost
drtyincngstku	Ty Store to Warehouse Restocking \$/ U	week/scls	Retail and Cost
drtyonstku	Ty Warehouse Restocking \$/ U	week/scls	Retail and Cost
drtystrstku	Ty Store Restocking \$/ U	week/scls	Retail and Cost
drtymtdvp	Ty Return Back to Online %	week/scls	Retail and Cost
drtymtd1u	Ty Return Back to Online (Reg+Promo) U	week_scls_stor	Retail and Cost
drtymtd1r	Ty Return Back to Online (Reg+Promo) R	week_scls_stor	Retail and Cost
drtymtd2u	Ty Return Back to Online (Clr) U	week_scls_stor	Retail and Cost
drtymtd2r	Ty Return Back to Online (Clr) R	week_scls_stor	Retail and Cost
drtyims1u	Ty Pick up in Store (Reg+Promo) U	week_scls_stor	Retail and Cost
drtyims1r	Ty Pick up in Store (Reg+Promo) R	week_scls_stor	Retail and Cost
drtyims1c	Ty Pick up in Store (Reg+Promo) C	week_scls_stor	Cost
drtyims2u	Ty Pick up in Store (Clr) U	week_scls_stor	Retail and Cost
drtyims2r	Ty Pick up in Store (Clr) R	week_scls_stor	Retail and Cost
drtyims2c	Ty Pick up in Store (Clr) C	week_scls_stor	Cost
drtystc1u	Ty Ship to Customer (Reg+Promo) U	week_scls_stor	Retail and Cost
drtystc1r	Ty Ship to Customer (Reg+Promo) R	week_scls_stor	Retail and Cost
drtystc1c	Ty Ship to Customer (Reg+Promo) C	week_scls_stor	Cost
drtystc2u	Ty Ship to Customer (Clr) U	week_scls_stor	Retail and Cost
drtystc2r	Ty Ship to Customer (Clr) R	week_scls_stor	Retail and Cost
drtystc2c	Ty Ship to Customer (Clr) C	week_scls_stor	Cost
drtytrafficu	Ty Traffic U	week_scls_stor	Retail and Cost
drtydemandu	Ty Demand U	week_scls_stor	Retail and Cost
drtycancu	Ty Cancel U	week_scls_stor	Retail and Cost

Table E-2 (Cont.) MFP Cloud Service Load - Non-RMS Interface Data Measures

Measure Name	Measure Label	Load Intersection	MFP Type
drtyfulfillu	Ty Fulfilled U	week_scls_stor	Retail and Cost
drtybocancu	Ty Backorder Cancel U	week_scls_stor	Retail and Cost
drtybofulfillu	Ty Backorder Fulfilled U	week_scls_stor	Retail and Cost
drtycogsr	Ty COGS Adj R	week_scls_stor	Retail

Warehouse Transformation

In RMF CS, warehouses hold inventory, receipts, and on-order data which are not mapped to any specific channels. In MFP, plans are only created at the MFP Channel level. In order to get the full picture of inventory for a channel, each warehouse location needs to be mapped to a channel within MFP using the Warehouse Mapping workbook template in Location Setup or the mapping needs to be loaded to the measure addvchwhmapt.

After the mapping data is set, the weekly batch process will transform the loaded inventory, receipts, and on-order data for those warehouses to assigned channels. This can also be done by running the batch Online Administration Tool task Transform RMS Warehouse Data. That transform process will also spread warehouse metrics to the store level for the Location Plan based on actuals and be added as part of actuals, so that the seeded location level plans can include the warehouse level plan when aggregated at the channel level. Warehouse does not need to be planned separately in the location level plan.

Batch Tasks Specific to RMF CS Integration

The following sets of Online Administration Tools tasks are pre-configured in Configured Batch Tasks to support RMF CS integration. For more details about running the tasks, see the *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*.

- Run Batch Task Group > Weekly Batch

If Enable RMF CS Integration is set to true, the existing Weekly Batch task will run additional tasks to process the RMF CS files. It runs additional calculations in batch to process RMF CS data into the required planning measures. It also runs the transformation of RMF CS Warehouse data as part of the weekly batch.

- Run Batch Task Group > Transform RMS Files

This task only transforms all hierarchy and data files to the MFP required format and copies the hierarchy files to the SFTP output as rms_hier.zip. It will not load those files.

Typically, this can be used during initial installation to transform the initial set of RMF CS files and rebuild the domain with the initial set of RMF CS hierarchy files.

- Run Batch Task Group > Transform RMS Warehouse Data

Whenever there is any change in the warehouse mapping, users can schedule this task to transform the RMF CS Warehouse data to channels. This task also gets called as part of the Weekly Batch with RMS.

- Run Batch Measure Load Group > RMS Interface Data

This task only loads the set of transformed RMF CS Interface files.

Implementation Steps for RMF CS Integration

If RMF CS needs to be integrated as part of an initial implementation, then the following needs to be done in this order:

1. Install MFP Cloud Service using the MFP Installer. It will install MFP with the default GA configuration and the load intersection set as Sub-Class.
2. Upload the RMF CS Hierarchy and data files for the initial conversion data.
3. Run the Transform RMS Files batch task to transform hierarchy files to MFP format. Those will be copied to SFTP output.
4. Upload the generated hierarchy files and also additional hierarchy files for VAT and Custom Messages (cmsh) from the GA data set into the SFTP server INCOMING_FTP_PATH/input.
5. Using the Self-Service Administration Task in the bootstrap domain, rebuild the domain with the plug-in option selected for load intersection as "Item" and without selecting "Use GA Data." The above process will rebuild the domain with the load intersection as Item using the initial set of RMF CS hierarchy files.
6. After building the domain, set the Enable RMF CS Integration flag in the MFP Admin workbook, re-send all hierarchy and data files from RMF CS, and use the regular "Weekly Batch with RMS" to process the data files.

Appendix: Application Specific Custom Functions, Procedures, and Expressions

MFP Cloud Service uses the RPAS Enterprise Edition Batch Framework to set up the batch process. Refer to the *Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service and Assortment & Item Planning Enterprise Edition Cloud Service Implementation Guide* for more details about understanding batch_control files and its uses in the batch process. Any application-specific custom functions are packaged in RASL libraries and those are available to use in the batch_exec_list.txt control file with the service name as **ra_custom** to trigger to those functions and parameter as the function name. The following list of predefined custom functions are available RASL libraries installed as part of RPAS that are used by MFP.

Custom Function: ftp_din

This function, ftp_din, is used to ftp the contents of the domain input directory as archive (<archive_name>.zip). It takes two input parameters <file extension>, <archive_name>. Function name and parameters should be separated by "~" (tilde). This process will archive the files with the extension <file_extension> as <archive_name>.zip. It will be useful to download the files present in the domain/input folder. If <file_extension> is not provided, it will include all the files. If <archive_name> is not provided, the output file will be named as domain_input_files.zip.

Example:

```
rms_xform_ftp | ra_custom | ftp_din~dat~rms_hier
```

This example control entry compresses all *.dat files present in domain_input as rms_hier.zip and copies to the SFTP output location that will be available for download by the retailer.

Custom Function: rms_clnd_label

RMF CS interfaces the calendar hierarchy file (rms_clnd.csv.dat), but does not include any calendar labels. This function formats the file, filters the required columns for the MFP GA calendar hierarchy, and adds the calendar labels. There is no additional parameter needed for this function call, but this requires the RMF CS calendar file to be present in the cloud share location with the name rms_clnd.csv.dat. After the call, this function creates the calendar hierarchy file clnd.csv.dat in the domain input directory for the subsequent hierarchy load process.

This function takes an additional optional parameter, Calendar Start Month, for generating the calendar month labels. If none is provided, it will use Feb as the start month for the 4-5-4 calendar. For example, if the customer financial start month is October (the tenth month of the year), they can pass the optional parameter as 10 (use

~ as the separator to provide the additional parameter) to generate the start month as Oct.

Example:

```
batch_rms_xform | ra_custom | rms_clnd_label
```

Custom Function: load_udd

This custom function can be used to load any User Defined Dimension (UDD). It internally calls the loadUdd utility to load the custom User Defined Dimension from a file. It can be used to customize the batch process if the customer wants to load any User Defined Dimension as part of their batch process. This function expects only one parameter and it should be the UDD name. It also expects the customer to upload a CSV file to their SFTP location as <UDD>.csv.dat. If the file is not present, it will ignore with a warning in the logs. Only one UDD can be loaded from a single file. The UDD file should only have three columns. First column should be the base parent dimension position for UDD, second column should be the UDD position name, and third column should be the UDD position label.

Example:

```
load_udd | ra_custom | load_udd~stdb
```

Custom Function: set_stdb

This custom function can be used to automatically set the STDB User Defined Dimension (UDD) dynamically based on RPAS_TODAY with values STD/BTA. It expects the STDB User Defined Dimension to be present in the calendar hierarchy and it should be a rollup of week dimension. STD is set as the value for elapsed periods and BTA as the value for unelapsed periods based on RPAS_TODAY used in the domain. It internally generates the UDD file and calls the custom function load_udd to load the same.

This function takes two optional parameters to override the labels that need to be used for STD and BTA positions. If not provided, it will use the position name as the labels. If the optional parameters are provided, it will use the custom labels provided to this function call as the parameter. If there are spaces in the labels, then provide the parameters within double quotation marks.

Example:

```
load_hier | ra_custom | set_stdb
```

or

```
load_hier | ra_custom | set_stdb~"Elapsed Weeks"~"Unelapsed Weeks"
```

Special Expressions and Procedures Used in MFP CS Configuration

This section contains details about the special expressions which are not standard RPAS expressions/procedures that are used in the MFP CS configuration.

AttributesPickListExpr - Attribute Picklist Expression

This procedure is used to determine a picklist of values from a base string measure along the positions of the specified hierarchy. It also takes in a Filter Boolean as input to control which intersections are to be used to pick data for the picklist.

Syntax:

```
OUTMEAS <- AttributesPickListExpr(FILTERMEAS, INPUTMEAS, HIER,
OUTFORMAT)
```

Example:

```
ADHDLikePoCT <- AttributesPickListExpr(ADHDLikePoCB,ADHDLikePoCL,
"LOC", "0")
```

Expression Parameters:

The following table shows the parameter details for the expression.

Parameter Name	Parameter Type	Data Type	Description
OUTMEAS	Output	String	Output Picklist Measure which will be a string value.
INPUTMEAS	Input	String	Input String Measure containing the picklist values stored along a hierarchy.
FILTERMEAS	Input	Boolean	Boolean measure with the same intersection of OUTMEAS. It should be set to true for the intersections picklist that needs to be created.
HIER	Input	String	Hierarchy Name specified as a String constant along which the picklist values need to be used. This hierarchy should be present in INPUTMEAS.
OUTFORMAT	Input	String	Output format with valid values "0" or "1". Using "0" will create a picklist using position names as picklist internal names and labels as attribute values. "1" will create a picklist using position values as name and labels for the picklist.

Appendix: Extensibility

As described in [Chapter 2, "Implementation Considerations"](#), apart from configuring the MFP application through the plug-ins, MFP also supports extensibility of the GA configuration for non-Enterprise Edition customers. This appendix describes the rules and restrictions enforced to extend the MFP GA configuration, so as to preserve the customizations in future patches and upgrades.

MFP also provides a mechanism for implementers to extend the MFP Batch process and allows custom rule groups to be executed during the batch.

Supported Customization of the MFP Configuration

The following sections list the customizations that are allowed to the MFP configuration. All the names of the custom realized measure, rule set, rule group, rule, workbook, and worksheet should begin with the prefix `c_` or `C_`.

Rules for Customizing the Hierarchy

The following hierarchy customizations are allowed to the MFP configuration:

- Clients are allowed to add a new hierarchy or new dimension into the existing hierarchy. No dimension can be added to the calendar hierarchy that is below day. No change can be made to the MFP internal hierarchies.
- Clients are allowed to change the label of existing hierarchies or dimensions.
- All the dimension and roll-up order in the product, RHS product, location, and RHS location hierarchy must be preserved in the custom configuration.

Rules for Adding Measures

The following rules apply when adding measures to the MFP configuration:

- Clients are allowed to add new custom measures into the custom solution and reference them as an external measure in the existing MFP solution. No new measures should be added to the existing MFP GA solution.
- Clients can also add a new custom metric as a major component in the extensible solutions. It is strongly recommended not to mix custom metrics with the MFP metrics.
- Custom measures should follow the naming convention and should begin with a `C_` or `c_` prefix.
- Currently, only the GA measures listed in the following tables can be used in custom rules and custom workbooks.

Table G-1 Extensible GA Measures for MFP Retail Cloud Service and MFP Cost Cloud Service

GA Measure	Label
DRDVUnElapB	UnElapsed
DRDVElapB	Elapsed
DRDVElapI	Elapsed Index
MPWPSIsR	Wp Sales R
MPWPSIsU	Wp Sales U
MPWPNSIsR	Wp Net Sales R
MPWPNSIsU	Wp Net Sales U
MPWPNSIsC	Wp Net Sales C
MPWPEOPR	Wp EOP R
MPWPEOPU	Wp EOP U
MPWPEOPC	Wp EOP C
MPWPGMR	Wp GM R
MPWPNGMR	Wp Net GM R
MPWPOTBU	Wp OTB U
MPWPOTBR	Wp OTB R
MPWPOTBC	Wp OTB C
DRTYTranInC	Ty Transfers In C
DRTYTranInR	Ty Transfers In R
DRTYTranInU	Ty Transfers In U
DRTYTranInBC	Ty Transfers In Book C
DRTYTranInBR	Ty Transfers In Book R
DRTYTranInBU	Ty Transfers In Book U
DRTYTranInIC	Ty Transfers In ICT C
DRTYTranInIR	Ty Transfers In ICT R
DRTYTranInIU	Ty Transfers In ICT U
DRTYTranOutC	Ty Transfers Out C
DRTYTranOutR	Ty Transfers Out R
DRTYTranOutU	Ty Transfers Out U
DRTYTranOutBC	Ty Transfers Out Book C
DRTYTranOutBR	Ty Transfers Out Book R
DRTYTranOutBU	Ty Transfers Out Book U
DRTYTranOutIC	Ty Transfers Out ICT C
DRTYTranOutIR	Ty Transfers Out ICT R
DRTYTranOutIU	Ty Transfers Out ICT U

Rules for Adding Custom Rules

The following rules apply when adding custom rules to the MFP configuration:

- Custom rule sets, rule groups, and rule names should begin with the C_ or c_ prefix.
- Custom rule groups should not include any GA rules.
- Custom rules can use the published extensible GA measures listed in the tables above. However, the custom rules cannot modify the value of the GA measure. Hence the extensible GA measure cannot appear on the LHS of a custom rule.

Rules for Workbooks and Worksheets Extensibility

The following rules apply when adding custom rules to the MFP workbooks and worksheets extensibility:

- New custom workbook and worksheets names should begin with the C_ or c_ prefix.
- Apart from the custom solution, custom workbooks can also be added to the extensible MFP GA solutions.

Rules for Adding Custom Styles

The following rules apply when adding new styles:

- Existing styles cannot be modified.
- New custom styles can be added with the C_ or c_ prefix.
- New custom styles can be only used against new custom measures.

Rules for Adding Custom Real Time Alerts into Existing Workbooks

Perform the following steps when adding custom real-time alerts into existing workbooks:

Note: These steps have to be performed using RPAS Configuration Tools. Copying, pasting, or direct editing of xml files is prohibited.

1. To add custom real-time alert into existing workbooks, all measures related to the custom real-time alert need to be added to the workbook.
2. Create a style for the custom real-time alert in the configuration.
3. Create a custom real-time alert in an MFP workbook using the measures and style created from the previous steps.
4. If a real-time alert defined in the custom solution will be used in a GA workbook, the real-time alert measure should be imported as an external measure in the corresponding GA solution.

The MFP plug-in will preserve a custom real-time alert during regeneration.

Adding a Custom Solution

A custom solution is a separate solution within the MFP Configuration. It can be used to accommodate custom workbooks, rules, and alerts to do custom reporting, custom logic, and threshold alerts by using GA measures (based on the extensible GA

measures in [Table G-1](#). In addition, measures and alerts defined in the custom solution can be plugged into existing workbooks in the GA solution based on the contexts defined. Clients are allowed to create their own custom solutions by following the rules described above. To use a GA measure in custom workbooks, the GA measure should be imported as an external measure into the custom solution.

Validating the Customized Configuration

The script, `mfp_config_validation.ksh`, is provided to allow the customer or implementer to validate that the customizations conform to the rules outlined above.

This script can be run on Windows with the MFP Cloud Service Starter Kit.

For example, if the custom configuration is in

`C:\Oracle\configurations\mfprcs` (replace `mfprcs` with `mfpcs` for MFP Cost Cloud Service) and the updated batch_control files are copied to `C:\Oracle\configurations\batch_control_cust`, then the script can be called from a Cygwin zsh shell:

```
$RPAS_HOME/bin/mfp_config_validation.ksh -c
/cygdrive/c/Oracle/configurations/mfprcs/mfprcs.xml -b
/cygdrive/c/Oracle/configurations/batch_control_cust
```

Note: If there are no changes to the batch control files, there is no need to use the `-b` option.

Successful Run of the Validation Script

If all the validations pass, it will output the following message:

Example G-1 Message for Successful Run of the Validation Script

```
09:04:47 : INFORMATION : mfp_config_validation.ksh[0] - mfp_config_validation.ksh
completed.
09:04:47 : INFORMATION : mfp_config_validation.ksh[0] - Program completed
successfully.
09:04:47 : INFORMATION : mfp_config_validation.ksh[0] - Exiting script with code:
0
```

Unsuccessful Run of the Validation Script

If all the validations do not pass, it will output the following message:

Note: The bold line shows where the details of the validation failure are in the log. (In the actual log, this line is not bold.)

Example G-2 Message for Unsuccessful Run of the Validation Script

```
09:15:12 : INFORMATION : mfp_config_validation.ksh[0] - For details of validation,
look in '/cygdrive/d/retek/logs/2017-07-18/mfp_config_validation.091506.1/mfp_
config_validation.log'.
09:15:12 : INFORMATION : mfp_config_validation.ksh[0] - _call executing command
'execplug-inTask.sh
MFP:com.retek.labs.MFP.plugin.installer.MFPConfigurationValidation
/cygdrive/c/Oracle/configurations/GA/mfprcs/mfprcs.xml
/cygdrive/c/Oracle/configurations/
mfprcs'
09:15:17 : INFORMATION : mfp_config_validation.ksh[0] - _call of command
```

```
'execplug-inTask.sh
MFP:com.retek.labs.MFP.plugin.installer.MFPConfigurationValidation
/cygdrive/c/Oracle/configurations/GA/mfprcs/mfprcs.xml
/cygdrive/c/Oracle/configurations
mfprcs' complete
09:15:17 : ERROR : mfp_config_validation.ksh[0] - Nonzero exit status code.
09:15:17 : INFORMATION : mfp_config_validation.ksh[0] - Exiting script with code:
9
```

Hiding Components of the GA Configuration

As part of extensibility, MFP provides a mechanism wherein the implementer can hide certain components of the GA configuration by editing a property file. The property file is a simple text file named `extend_app.properties` and is located inside the plug-in directory of the configuration.

For example, `mfprcs\plug-ins\extend_app.properties`. The format of the file is shown as: `Stage | Component | Action | Value`

For example, `Customization | Worksheet | Hide | MT_TB01_WS01`

Each line consists of four fields separated by the `|` character. The value field can contain a comma separated list of values. Any line that begins with a `#` character is considered a comment line and is ignored. A sample file is included in the plug-ins directory of the GA configuration for reference.

The only action that can be performed on the GA configuration components is *Hide*.

The names of the Taskflow entities can be found in the `taskflow.xml` file located in the configuration directory.

The various GA configuration components that can be hidden are listed in the following table:

Component	Description
Activity	Perform the action (for example, Hide) on the specified Taskflow activity. The value field is the taskflow activity name.
Task	Perform the action (for example, Hide) on the specified Taskflow task. The value field is the taskflow task name.
Step	Perform the action (for example, Hide) on the specified Taskflow step. The value field is the taskflow step name.
Worksheet	Perform the action (for example, Hide) on the specified worksheet. The value field is the worksheet name.
Realtime Alert	Perform the action (for example, Hide) on the specified Real Time Alert. The value field is the real time alert name.

Rules for Changes to PDS Integration Configuration

The following rules apply for changes to the Integration Configuration (`RGBU_RDM.xml`).

All allowed changes should be marked as custom in the Integration Configuration as allowed by the tools. Merge/Validate of the Build/Patch step during the PDS Build or Patch process will ignore certain changes or fail if following rules are not followed:

- GA Shared Hierarchies can neither be removed nor modified. Adding new dimensions to GA hierarchies in PDS Integration Configuration is also not allowed.

- GA Fact groups or GA Facts can neither be removed nor modified.
- GA Domain name can neither be removed nor modified.
- GA Integration Mappings should neither be removed nor modified.
- The following GA Integration configuration changes are allowed:
 - New Custom hierarchies can be added. If a new hierarchy is added, use the hierarchy order number above 2000 to avoid overlapping with any GA hierarchies that can be added later.
 - New Custom facts group and facts can be added.
 - New Integration Mappings added for custom facts.

Customizing the MFP Batch Process

This section describes how to customize the MFP GA batch process to meet the business needs of the retailer. Details on the MFP GA batch process are described in the *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*. The Configured Batch tasks have the following tasks related to batch control:

- Retrieve Batch Control File - allows the current batch control files to be retrieved for inspection and modification.
- Update Batch Control File - after inspecting the current batch control files, the implementer can edit the batch control files to customize the batch process.

Details on the preceding two tasks are described in the *Oracle Retail Merchandise Financial Planning Cloud Service and Oracle Retail Merchandise Financial Planning Enterprise Edition Cloud Service Administration Guide*.

The MFP Batch process is based on the RPAS Enterprise Edition Batch Framework, which makes use of a set of control files. [Table G–2](#) lists the MFP Batch control files that can be customized.

Table G–2 Customizable MFP Batch Control Files

Control File	Description
batch_exec_list.txt	This is the controller and entry point for all the other services, specifying groups of services to be run in a specific order.
batch_calc_list.txt	This control file groups all the calc services that need to run using mace.
batch_refresh_list.txt	This control file groups all Workbook refresh rule groups.
batch_rebuild_list.txt	This control file groups all Workbook segments that need to be rebuilt in batch.
batch_loadmeas_list.txt	This control file groups measures that need to be loaded into the domain using the measure load service.
batch_exportmeas_list.txt	This control file groups measures that need to be exported out of the domain using the export measure service.
batch_xform_list.txt	This control file handles the transform file service to perform file transformations to support simple integration capabilities.
batch_oat_list.txt	This file lists the configured batch tasks that appear in the OAT drop down list.

The individual control files, including `batch_exec_list.txt`, can be overridden to customize the batch flow. Each control file uses a set name to control a set of actions. If the override control file uses the same set name as used in GA, the batch task using that set name will use the entries from the override control file. During patches and upgrades, the override control files will be preserved. More details on customizing the batch control files are described in the *Oracle Retail Predictive Application Server Cloud Edition Implementation Guide*.

The following table describes the behavior of the customized OAT tasks if the customer uploaded their override control files and they differ from the GA task:

- E - Set Name Exists
- NE - Set Name Does Not Exist

GA Base Task	GA OAT Task	Customer Base Task	Customer OAT Task	Behavior
E	E	E	E (New Label)	Shows new label in the customer OAT.
E	E	E	NE	Since the custom OAT does not exist, it shows the GA label in the drop down. But since the GA set name is overridden in the custom batch, the custom set name will be executed.
E	E	NE	E (New Label)	Shows the label in the customer OAT (New Label).
E	E	NE	NE	Shows the label in the GA OAT.
NE	NE	E	E (New Label)	Shows the label in the customer OAT (New Label).
E	NE	E	E	Hidden in the customer OAT (New Label). Since GA explicitly hides that task, it will not be visible even if the customer used it.

Custom Hooks and Boolean Scalar Measures for Flow Control

There are two ways to customize the batch control files:

- Custom Hooks
- Boolean Scalar Measures for Flow Control

The custom hooks are an optional batch set executed by GA batch control files. The implementer can define the contents of these batch sets in the customized batch control file that is located in the `<domain>/batch_control_cust`. If these hooks are not defined, the batch process skips these hooks. If they are defined, its contents are executed.

MFP also defines a list of Boolean Scalar Measures in the domain to control if certain GA defined batch sets can be skipped or not. The following tables list the Custom Hooks and Boolean Scalar Measures.

Custom Hooks

The following table describes the Custom Hooks available in the batch process.

Table G–3 Custom Hooks in the Batch Process

Hook	Description
hook_postbuild	This hook is added at the end of the postbuild batch which runs after the initial domain build.
hook_postpatch	This hook is added at the end of the service patch process which runs after the service patch.
hook_batch_daily_pre	This hook is added before the daily batch process.
hook_batch_daily_post	This hook is added at the end of daily batch process before the dashboard build.
hook_batch_weekly_pre	This hook is added before the weekly batch process.
hook_batch_weekly_post	This hook is added at the end of the weekly batch process before the workbook refresh and segment build.
hook_batch_rms_pre	This hook is added before the batch process specific to RMF CS integration.
hook_batch_rms_post	This hook is added at the end of the batch process specific to RMF CS integration.
hook_batch_non_rms_pre	This hook is added before the batch process specific to non-RMF CS integration.
hook_batch_non_rms_post	This hook is added at the end of the batch process specific to non-RMF CS integration.

Additional hooks are also used for the JOS/POM schedule. For more details, see [Appendix I, "Appendix: Batch Schedule in JOS/POM"](#).

Boolean Scalar Measures for Flow Control

The following table describes the Boolean Scalar measures.

Table G–4 Boolean Scalar Measures

Boolean Scalar Measure	Description
drdrvmsb	This measure is defaulted to false. Set it to true if MFP is integrated with RMF CS.
drdvdbib	This measure is defaulted to false. Set it to true if BDI is used for the integration of hierarchy and transaction data.
drdvexpdb	This measure is defaulted to true. If set to false, it will skip exporting the standard exports in the daily batch.
drdvexpwb	This measure is defaulted to true. If set to false, it will skip exporting the standard exports in the weekly batch.

MFP Batch Control File Customization Guidelines

Follow these guidelines for MFP Batch Control File customization:

- The file batch_oat_list.txt is the only batch control file in which customers can overwrite the GA set names (such as exec, calc).
- For all other batch control files, avoid overwriting the GA set names. GA batch control files have provided various hooks for the batch process. For additional custom steps, try to put them into the hooks.

- The GA batch control files have provided a mechanism to skip certain GA steps using the Boolean scalar measure that can be set in the domain. For example, `drdvexpwb` will allow the skip of standard exports in the weekly batch. To skip the GA steps, use this mechanism instead of overwriting GA set names.
- For the GA hierarchy that is unused in your implementation such as the currency hierarchy, provide an empty hierarchy file. For unused GA measures, there is no need to provide the data file. RPAS CE is able to skip it if no files were provided.
- For ease of maintenance, all custom batch set names or step names should be prefixed with `c_`

Example

Following is an example of the custom `batch_exec_list.txt`, `batch_calc_list.txt`, `batch_loadmeas_list.txt`, and `batch_exportmeas_list.txt` files.

In this example, the following modification were added to `batch_weekly` process:

- New Custom Hierarchy and measure data are loaded before the weekly batch.
- Additional batch calc and exports after the weekly batch.

Batch Control Samples

The following sections show samples of the batch control processes.

batch_exec_list.txt

```
# Load a custom hierarchy, measure before weekly batch
hook_batch_weekly_pre |hierload |suph-0~N
hook_batch_weekly_pre |measload |c_load_vndr

# Run Batch calc and new custom exports after end of weekly batch
hook_batch_weekly_post |calc |c_calc_vndr
hook_batch_weekly_post |exportmeasure |c_exp_vndr
```

batch_calc_list.txt

```
# Run newly added custom calc rule group in batch
c_calc_vndr | G | GROUP | c_batch_agg_vndr
```

batch_loadmeas.txt

```
# Load custom measure
c_load_vndr|M |c_drtyvndrfndr
```

batch_exportmeas.txt

```
# Export custom measure
c_exp_vndr|O|vendo_plan.csv.dat
c_exp_vndr|X|storsclsweek
c_exp_vndr|F|c_exportmask
c_exp_vndr|S|ftp
c_exp_vndr|M|c_mpcpvndrplan
```

Custom Batch Control Validation

The extensible / custom batch control files need to follow the guidelines previously listed so as to future proof the retailer. That means the retailer should receive software updates without breaking the existing customizations. To ensure that the batch control file guidelines are adhered to, a batch control validation module has been added.

The `mfp_config_validation` script has an optional parameter `-b <parent directory of batch control files>` which will validate the batch control files.

Batch control validation rules:

- Apart from the `batch_oat_list`, none of the set names in the other batch control files can be overridden. That is, GA set names cannot be used in custom batch control files.
- None of the custom batch control files can call the GA set names.
- The `batch_calc_list` can only specify custom rule group names. It cannot specify expressions and GA rule group names.
- The `batch_loadmeas_list` can specify measures newly added custom measures.
- The `batch_exportmeas_list` can specify custom measures or published GA measures.
- All custom set names should have a prefix of `c_`.

Note that the batch control validation is called automatically during a domain build or patch. It is also called when the batch control files are uploaded using the Upload Batch Control files from OAT.

Customizing the MFP Dashboard

The MFP Dashboard gets the data from the regular dashboard workbook template like any other workbook segments to define the measures used in metric tiles that are shown in the dashboard. The MFP Dashboard also can be customized to extend using the same extensibility rules for regular workbooks for adding new measures into that dashboard workbook (`pl_db`). The customer can then update the MFP Dashboard json file to include the newly added custom measures to show as tiles in the MFP Dashboard.

Following are the steps for customizing the MFP Dashboard:

1. Update MFP Configuration to include the required new custom measures and rules to include those measures in the existing dashboard template (`pl_db`) in the MFP Configuration within regular extensibility framework. Patch the domain with the new updated configuration.
2. Download the MFP dashboard json file (`mfp_rcsDashboardSettings.json` for MFP Retail or `mfp_ccsDashboardSettings.json` for MFP Cost) from the Starter kit or directly from the customer-provisioned environment by running the Online Admin Tool task Configured Batch Tasks -> Manage JSON Files -> Retrieve JSON files to FTP, which will download the JSON file into the SFTP location.
3. Open the dashboard json file using the RPAS Configuration Tools -> Utilities -> Deployment Tool and selecting the Open option under `dashBoardSettings.json`.
4. It should open the dashboard json file in edit mode. The customer can then edit the dashboard to add the newly added measures into their required profiles. They can also add new profiles or change profiles, but can only use the measures available in the dashboard workbook. For more information on working with json

file using RPAS Configuration Tools, see the *Oracle Retail Predictive Application Server Cloud Edition Configuration Tools User Guide*.

5. Once the json file is updated, it can be uploaded into the MFP environment after zipping the file, uploading the file to the SFTP location, and running the Online Admin Tool task Configured Batch Tasks -> Manage JSON Files > Update JSON files from FTP. Successful completion of the task will copy the file to the required location under the application domain.
6. After uploading, rebuild the dashboard to view the updated dashboard.
7. The entire process can be validated in the Virtual machine, before trying to upload the completed json file into the customer environment.

Appendix: Using BDI and PDS

MFP Cloud Service supports integration with RMF CS using Bulk Data Interface (BDI) and Planning Data Storage (PDS). It also allows using only PDS to share data across different RPAS Planning applications if they are registered against it and have common shared hierarchies and positions.

For information on the BDI process flow, see the BDI Process Flow appendix in the *Oracle Retail Predictive Application Server Cloud Edition Implementation Guide*.

Using BDI

BDI allows sharing data across the enterprise. If the customer implements RMF CS and BDI, then the use of PDS is mandatory, as currently the data loaded into BDI can only be internally transformed to PDS shared measures. For more details about PDS, see "[Using PDS](#)".

If BDI is enabled, there is no need for retailers to export flat files from RMS. In order for the batch process to not wait for the files from RMS, the *Batch Uses BDI* Boolean flag needs to be set to true.

Using PDS

Different RPAS applications can share measures across shared applications if they share common hierarchies and measure data. RPAS uses PDS which can hold the shared dimensions and fact data (shared measures).

A PDS-enabled domain needs an Integration Configuration which contains Shared Dimension data and also shared measures as Fact data that is grouped as Fact Group across different RPAS applications.

All RPAS GA Planning applications have one common GA Integration Configuration which is part of the RPAS Application Standard Libraries (RASL) package called `RGBU_RDM.xml` that is pre-configured.

The following section describes the shared dimension and measure data from the MFP CS solution which is present in Integration Configuration.

Shared Hierarchies

Shared Hierarchies in PDS should have the union of all dimensions across the different RPAS applications without any User Defined Dimensions and also all of them should have the same names for common hierarchies and common shared dimensions. If RMF CS integration and BDI are used, those hierarchies will be loaded as part of that scheduled process in BDI. If the customer is only using PDS and not using BDI, the

customer has to first load the shared hierarchies into one of the RPAS applications by calling the loadDimData utility by using Standard Admin Tasks after uploading the shared dimension file named as <hier>.csv.dat with header information including all shared dimension positions with position labels. In the header, the dimension name should be the shared dimension name in the hierarchy file and the dimension label should be <dim>_label.

The file should be uploaded into the \$INCOMING_FTP_PATH/rdm_input/dimdata directory.

If the domain is registered against PDS, then the Batch Uses PDS Boolean flag will be set during batch. It controls the flow of the weekly batch.

The Regular Weekly Batch in MFP CS, in turn calls the batch frame work service dimdataload to load those dimension data files into PDS, if the domain is registered against PDS (Batch Uses PDS flag is set) and not using BDI (Batch Uses BDI flag is not set) to get its data.

Loading dimension data will only load the dimension details into the PDS. The customer needs to run the standard loadHier utility without any input files, in order to synchronize the domain dimension data with PDS for updated positions. That will also be run by default as part of the weekly batch process.

The following tables list the shared hierarchies and dimensions for MFP CS available in the GA Integration Configuration. Any additional dimensions present in those hierarchies which are not present in MFP CS can be from another shared application. Those also need to be provided if the customer loads those positions into PDS.

Calendar Hierarchy (cld)

Shared Dimension	Shared Dimension Label	Aggregate Dimension
day	Day	Not Applicable
week	Week	day
mnth	Month	week
qrtr	Quarter	mnth
half	Half	qrtr
year	Year	half
woyr	Week of Year	year
dow	Day of Week	day

Product Hierarchy (prod)

Shared Dimension	Shared Dimension Label	Aggregate Dimension
sku	Item	Not Applicable
skup	Style/Color	sku
skug	Style	skup
scls	Subclass	skug
clss	Class	scls
dept	Department	clss
pgrp	Group	dept

Shared Dimension	Shared Dimension Label	Aggregate Dimension
dvsn	Division	pgrp
cmpp	Company	dvsn
brnd	Brand	sku
vndr	Vendor	sku

Location Hierarchy (loc)

Shared Dimension	Shared Dimension Label	Aggregate Dimension
stor	Location	Not Applicable
dstr	District	stor
regn	Region	dstr
chnl	Channel	regn
chan	Chain	chnl
comp	Company	chan
loct	Location Type	stor
phwh	Physical Warehouse	stor
fflt	Fulfillment Type	stor
tdar	Trade Area	stor
strc	Store Cluster	stor
chnc	Cluster Channel	strc
sfmt	Store Format	stor
stcl	Store Class	stor

Currency (curh)

Shared Dimension	Shared Dimension Label	Aggregate Dimension
curc	Currency	Not Applicable

Note: If the customer implementation will use RMF CS flat files for integration and will not use BDI but would like to use PDS, the batch transform process should be customized to transform the RMS files to create the shared hierarchy files from the RMS files as needed by PDS with headers.

Note: GA batch control files contain entries only to load shared hierarchies used by the application into PDS, but PDS can have more hierarchies not used by the current application. If not using BDI to load PDS, it is recommended to load the shared hierarchies common across multiple applications into only one application which contains most of the shared hierarchies. That way the customer can avoid uploading shared hierarchies data into multiple applications.

Shared Fact Data

PDS shared measure data is called as Fact Data to share across different planning applications.

Shared fact data are grouped together as fact groups to enable them to be accessed together. If RMF CS Integration and BDI are used, those shared fact measures are directly loaded as part of the scheduled process in BDI. If the customer is only using PDS and not using BDI, then they have to load the fact data into one of the RPAS applications by calling the loadFactData utility by using Standard Admin Tasks after uploading the shared fact file named as <fact_group>.csv.ovr or <fact_group>.csv.rpl with the header as the shared fact name. The customer can use any single file with any name or split them into multiple files to load different fact measures if all of them have the same base intersection, but it is recommended to load the files after grouping them as per the fact groups to allow them to load in parallel.

The file should be uploaded into the \$INCOMING_FTP_PATH/rdm_input/factdata directory.

If the domain is registered against PDS, then the Batch Uses PDS Boolean flag will be set during batch. It controls the flow of weekly batch.

The regular Weekly Batch in MFP CS also calls the batch frame work service loaddata, with control entries containing "H" and file names as parameters, to load the fact data into PDS, if the domain is registered against PDS and not using BDI to get its data.

Loading fact data will only load the fact data into PDS and will automatically make the mapped shared measures available into the registered domains. The customer does not have to load those shared measures again into domains.

The following table lists the shared measures for MFP CS available in the GA Integration Configuration.

Fact Name	Fact Label	Fact Group Name	Shared Measure Name
drtynslsregr	Ty Net Sales Reg R	nsls	drtynslsregr
drtynslspror	Ty Net Sales Promo R	nsls	drtynslspror
drtynslsclrr	Ty Net Sales Clr R	nsls	drtynslsclrr
drtynslsregc	Ty Net Sales Reg C	nsls	drtynslsregc
drtynslsproc	Ty Net Sales Promo C	nsls	drtynslsproc
drtynslsclrc	Ty Net Sales Clr C	nsls	drtynslsclrc
drtynslsregu	Ty Net Sales Reg U	nsls	drtynslsregu
drtynslsprou	Ty Net Sales Promo U	nsls	drtynslsprou
drtynslsclru	Ty Net Sales Clr U	nsls	drtynslsclru

Fact Name	Fact Label	Fact Group Name	Shared Measure Name
drtyrtnregr	Ty Returns Reg R	rtn	drtyrtnregr
drtyrtnpror	Ty Returns Promo R	rtn	drtyrtnpror
drtyrtnclrr	Ty Returns Clr R	rtn	drtyrtnclrr
drtyrtnregc	Ty Returns Reg C	rtn	drtyrtnregc
drtyrtnclrc	Ty Returns Promo C	rtn	drtyrtnclrc
drtyrtnclrc	Ty Returns Clr C	rtn	drtyrtnclrc
drtyrtnregu	Ty Returns Reg U	rtn	drtyrtnregu
drtyrtnprou	Ty Returns Promo U	rtn	drtyrtnprou
drtyrtnclru	Ty Returns Clr U	rtn	drtyrtnclru
drtyeop1c	Ty EOP Reg+Promo C	eopx	drtyeop1c
drtyeop2c	Ty EOP Clr C	eopx	drtyeop2c
drtyeop1r	Ty EOP Reg+Promo R	eopx	drtyeop1r
drtyeop2r	Ty EOP Clr R	eopx	drtyeop2r
drtyeop1u	Ty EOP Reg+Promo U	eopx	drtyeop1u
drtyeop2u	Ty EOP Clr U	eopx	drtyeop2u
drtyporcptc	Ty PO Receipts C	rcpt	drtyporcptc
drtypocptr	Ty PO Receipts R	rcpt	drtypocptr
drtyporcptu	Ty PO Receipts U	rcpt	drtyporcptu
drtyrinva1c	Ty RMF Shrink Inventory Adjust C	tran	drtyrinva1c
drtyrinva1r	Ty RMF Shrink Inventory Adjust R	tran	drtyrinva1r
drtyrinva1u	Ty RMF Shrink Inventory Adjust U	tran	drtyrinva1u
drtyrinva2c	Ty RMF Non-Shrink Inventory Adjust C	tran	drtyrinva2c
drtyrinva2r	Ty RMF Non-Shrink Inventory Adjust R	tran	drtyrinva2r
drtyrinva2u	Ty RMF Non-Shrink Inventory Adjust U	tran	drtyrinva2u
drtyvndfndr	Ty Vendor Funds R	tran	drtyvndfndr
drtytraninu	Ty Transfers In U	tranx	drtytraninu
drtytraninc	Ty Transfers In C	tranx	drtytraninc
drtytraninr	Ty Transfers In R	tranx	drtytraninr
drtytraninbu	Ty Transfers In Book U	tranx	drtytraninbu
drtytraninbc	Ty Transfers In Book C	tranx	drtytraninbc
drtytraninbr	Ty Transfers In Book R	tranx	drtytraninbr
drtytranoutu	Ty Transfers Out U	tranx	drtytranoutu
drtytranoutc	Ty Transfers Out C	tranx	drtytranoutc
drtytranoutr	Ty Transfers Out R	tranx	drtytranoutr

Fact Name	Fact Label	Fact Group Name	Shared Measure Name
drtytranoutbu	Ty Transfers Out Book U	tranx	drtytranoutbu
drtytranoutbc	Ty Transfers Out Book C	tranx	drtytranoutbc
drtytranoutbr	Ty Transfers Out Book R	tranx	drtytranoutbr
drtytraniniu	Ty Transfers In ICT U	tranx	drtytraniniu
drtytraninic	Ty Transfers In ICT C	tranx	drtytraninic
drtytraninir	Ty Transfers In ICT R	tranx	drtytraninir
drtytranoutiu	Ty Transfers Out ICT U	tranx	drtytranoutiu
drtytranoutic	Ty Transfers Out ICT C	tranx	drtytranoutic
drtytranoutir	Ty Transfers Out ICT R	tranx	drtytranoutir
drtyicmkur	TY Inter-Company Markup	tranx	drtyicmkur
drtyicmkdr	TY Inter-Company Markdown	tranx	drtyicmkdr
drtymkupr	Ty Markup R	mkd	drtymkupr
drtymkdcanr	Ty Markdown Cancel R	mkd	drtymkdcanr
drtymkdregr	Ty Markdown Reg R	mkd	drtymkdregr
drtymkdpror	Ty Markdown Promo R	mkd	drtymkdpror
drtymkdpcldr	Ty Markdown Promo Clear R	mkd	drtymkdpcldr
drtymkdclrr	Ty Markdown Clear R	mkd	drtymkdclrr
drtywfmkdr	Ty W/F Markdown R	mkd	drtywfmkdr
drtywfmkur	Ty W/F Markup R	mkd	drtywfmkur
drtyoou	Ty On Order U	oo	drtyoou
drtyoor	Ty On Order R	oo	drtyoor
drtyooc	Ty On Order C	oo	drtyooc
drtylcratex	Ty Local Currency Rate	curc	drtylcratex
addvlocendd	Location Close Dt	stor_metrics	addvlocendd
addvlocrefd	Location Refurbish Dt	stor_metrics	addvlocrefd
addvwfpoct	W/F Location Type	stor_metrics	addvwfpoct
drtyplsst	TY RMS Display Class Id	item_metrics	drtyplsst
drtypsclst	TY RMS Display Sub-Class Id	item_metrics	drtypsclst
mpcpslsu	MP CP Sales U	mfp_cp	mpcpslsu
mpcpslsr	MP CP Sales R	mfp_cp	mpcpslsr
mpcpslsc	MP CP Sales C	mfp_cp	mpcpslsc
mpcprcptu	MP CP Receipts U	mfp_cp	mpcprcptu
mpcprcptR	MP CP Receipts R	mfp_cp	mpcprcptR
mpcprcptc	MP CP Receipts C	mfp_cp	mpcprcptc
mpcpeopu	MP CP EOP U	mfp_cp	mpcpeopu

Fact Name	Fact Label	Fact Group Name	Shared Measure Name
mpcpeopr	MP CP EOP R	mfp_cp	mpcpeopr
mpcpeopc	MP CP EOP C	mfp_cp	mpcpeopc
mpcprtnu	MP CP Returns U	mfp_cp	mpcprtnu
mpcprtnr	MP CP Returns R	mfp_cp	mpcprtnr
mpwpotbu	MP WP OTB U	mfp_wp	mpwpotbu
mpwpooadju	MP WP OO Adj U	mfp_wp	mpwpooadju
mpwpotbc	MP WP OTB C	mfp_wp	mpwpotbc
mpwpooadjc	MP WP OO Adj C	mfp_wp	mpwpooadjc
lpcpslsu	LP CP Sales U	lp_cp	lpcpslsu
lpcpslsr	LP CP Sales R	lp_cp	lpcpslsr
lpcpslsc	LP CP Sales C	lp_cp	lpcpslsc
lpcprcptu	LP CP Receipts U	lp_cp	lpcprcptu
lpcprcpttr	LP CP Receipts R	lp_cp	lpcprcpttr
lpcprcptc	LP CP Receipts C	lp_cp	lpcprcptc
lpcpeopu	LP CP EOP U	lp_cp	lpcpeopu
lpcpeopr	LP CP EOP R	lp_cp	lpcpeopr
lpcpeopc	LP CP EOP C	lp_cp	lpcpeopc
lpcprtnu	LP CP Returns U	lp_cp	lpcprtnu
lpcprtnr	LP CP Returns R	lp_cp	lpcprtnr
lpwpotbu	LP WP OTB U	lp_wp	lpwpotbu
lpwpooadju	LP WP OO Adj U	lp_wp	lpwpooadju
lpwpotbc	LP WP OTB C	lp_wp	lpwpotbc
lpwpooadjc	LP WP OO Adj C	lp_wp	lpwpooadjc
lpapslsu	LP AP Sales U	lp_ap	lpaslsu
lpapslsr	LP AP Sales R	lp_ap	lpaslsr
lpapslsc	LP AP Sales C	lp_ap	lpaslsc
lpaprcptu	LP AP Receipts U	lp_ap	lplarcptu
lpaprcpttr	LP AP Receipts R	lp_ap	lplarcpttr
lpaprcptc	LP AP Receipts C	lp_ap	lplarcptc
lpapeopu	LP AP EOP U	lp_ap	lplaeopu
lpapeopr	LP AP EOP R	lp_ap	lplaeopr
lpapeopc	LP AP EOP C	lp_ap	lplaeopc
lpaprtnu	LP AP Returns U	lp_ap	lplartnu
lpaprtnr	LP AP Returns R	lp_ap	lplartnr
addvchwhmap t	Warehouse - Channel Mapping	whmap	addvchwhmapt
drtywfslsu	Ty W/F Sales U	wfsls	drtywfslsu
drtywfslsc	Ty W/F Sales C	wfsls	drtywfslsc

Fact Name	Fact Label	Fact Group Name	Shared Measure Name
drtywfslsr	Ty W/F Sales R	wfsls	drtywfslsr
drtywfrtnu	Ty W/F Returns U	wfsls	drtywfrtnu
drtywfrtnc	Ty W/F Returns C	wfsls	drtywfrtnc
drtywfrtnr	Ty W/F Returns R	wfsls	drtywfrtnr

Note: If the customer implementation is using RMF CS flat files for integration and not using BDI but would like to also use PDS, then it is only partially supported. The customer has to customize the batch transform process to transform the RMS files to fact files with headers fact names as headers to load into PDS.

Note: Currently, the BDI-PDS existing integration allows limited extensibility. For allowed changes to the PDS Integration Configuration, see [Appendix G, "Appendix: Extensibility"](#). Only existing measures present in the GA Integration Configuration for PDS can now be integrated with BDI. Any added hierarchies or facts to the Integration Configuration will not be readily integrated using BDI. The customer can only load those components into PDS using the standard file-based integration allowed for PDS.

Note: PDS allows using fact measures with a lower intersection than the shared measures present in the domain and allows them to aggregate it while accessing the data from PDS. For MFP CS, all fact measures loaded at the sku level are aggregated and viewed as shared measures in MFP CS at the scls level.

Note: Enterprise Edition (EE) customers and non-EE customers can use PDS to create shared hierarchies and share measures across multiple applications, but they can also use the BDI process only if the hierarchy and measures conform to the GA Integration Configuration. They can use the GA Integration Configuration as the base and can only add custom changes on top of it, without changing any GA components. The PDS build or patch process will merge GA component changes and validate for removal of any GA components in the customer uploaded Integration Configuration.

For details about creating and editing an Integration Configuration, see the *Oracle Retail Predictive Application Server Cloud Edition Configuration Tools User Guide*. For details about building and patching an Integration Configuration for creating PDS, see the *Oracle Retail Predictive Application Server Cloud Edition Administration Guide*.

Implementation Steps with BDI, PDS, and RMF CS Integration

If BDI implementation with RMF CS is used for implementation, the following steps need to be done in this order. The steps assume that RPAS, RASL, UI, and BDI are already installed:

1. Once the MFP Cloud Service environment is provisioned, use the bootstrap build MFP domain using the initial set of customer hierarchy data. For Shared Hierarchies which are expected to come from BDI/PDS, load only with the valid positions which are in BDI. It is not necessary to have all records, but at least one valid position in each of the shared hierarchy files is needed.
2. Build PDS using the default integration configuration, without uploading any data. After PDS is built, it will also register the domain against that PDS.
3. Integrate with BDI and load PDS by running the BDI Process Flows. That should load the PDS schemas with data from BDI for both shared dimensions and shared measure (fact) data.
4. Upload the hierarchy files for non-shared hierarchies and run the Load Hierarchies OAT task under Configured Batch Tasks. It will synch up the shared hierarchies with PDS and load the non-shared hierarchies from the uploaded files.
5. Set the Batch Uses BDI and Enable RMF CS Boolean measures in the Admin workbooks.
6. Set up the necessary Admin data or load the admin data files.
7. Run the weekly batch to process all loaded actuals (from PDS for shared data).

Appendix: Batch Schedule in JOS/POM

RPAS CE Batch schedule in JOS/POM provides a default job schedule for all applications within RPAS with more placeholder jobs for each application, so that both EE and GA customer can use the same schedule with minimal changes. The customer needs to disable/enable the jobs needed for the applications that they are using. This appendix provides information about the list of jobs for MFP. The customer can easily customize their batch process by controlling the batch control files without changing the batch schedule. Each batch job in MFP is connected to hooks in the batch control files that can be changed by customers. The MFP job flow contains both daily and weekly jobs. Jobs scheduled to run weekly are scheduled to run only on Saturday by default and daily jobs are scheduled to run on days other than Saturday.

The following table shows the list of jobs that run in order in the MFP Schedule in JOS/POM. Only jobs used in the GA configuration entries are pre-configured and the task or step it runs in the batch is specified as GA Task/Step Mapping. The rest of the jobs are simply placeholder jobs to allow changes to the schedule of the jobs to run additional steps by changing the batch control file. Each MFP job calls the same set names in the batch control file without _JOB in the name as batch set name (except jos_jobs which are kept as in previous releases for backward compatibility). This allows it to call the respective *hook_<set_name> steps, so even if it is not linked to a batch set, the job will run without failure. The batch can be controlled without changing the job flow just by changing the corresponding hooks in batch control files.

In addition to the standard jobs, the MFP job flow also provides additional adhoc jobs with the names MFP_ADHOC_XX_JOB (where XX ranges from 00 to 10) with their own system option parameters (mfpAdhocXX) to call their preferred set names from their batch control files, which can be used to schedule independently. Those adhoc jobs can also be triggered from external systems using web service calls.

For more details about the implementation of JOS/POM, see the *Oracle Retail Predictive Application Server Cloud Edition Implementation Guide*. For more details about how to use JOS/POM to schedule and maintain the job flows, see the *Oracle Retail JOS/POM User Guide*.

Job Name	Job Description	Frequency	Batch Set Name	GA Task/Step Mapping
MFP_DAILY_PRE_JOB	MFP Daily Pre-Job	Daily	jos_daily_pre	
MFP_DAILY_JOB	MFP Daily Job	Daily	jos_daily	
MFP_PRE_AGG_D_JOB	MFP Pre Agg Daily Job	Daily	MFP_PRE_AGG_D	calc_batch
MFP_PRE_EXP_D_JOB	MFP Pre Exports Daily Job	Daily	MFP_PRE_EXP_D	exp_all

Job Name	Job Description	Frequency	Batch Set Name	GA Task/Step Mapping
MFP_PRE_IMP_D_JOB	MFP Pre Imports Daily Job	Daily	MFP_PRE_IMP_D	
MFP_BATCH_AGG_D_JOB	MFP Batch Aggregation Daily Job	Daily	MFP_BATCH_AGG_D	batch_oo
MFP_POST_IMP_D_JOB	MFP Post Imports Daily Job	Daily	MFP_POST_IMP_D	
MFP_POST_EXP_D_JOB	MFP Post Exports Daily Job	Daily	MFP_POST_EXP_D	
MFP_POST_AGG_D_JOB	MFP Post Aggregation Daily Job	Daily	MFP_POST_AGG_D	
MFP_WB_BUILD_D_JOB	MFP Workbook Build/Refresh Daily Job	Daily	MFP_WB_BUILD_D	rebuild_daily
MFP_DAILY_POST_JOB	MFP Daily Post-Job	Daily	jos_daily_post	
MFP_WEEKLY_PRE_JOB	MFP Weekly Pre-Job	Weekly	jos_weekly_pre	
MFP_WEEKLY_JOB	MFP Weekly Job	Weekly	jos_weekly	
MFP_PRE_AGG_W_JOB	MFP Pre Agg Weekly Job	Weekly	MFP_PRE_AGG_W	calc_batch
MFP_PRE_EXP_W_JOB	MFP Pre Exports Weekly Job	Weekly	MFP_PRE_EXP_W	export_all
MFP_PRE_IMP_W_JOB	MFP Pre Imports Weekly Job	Weekly	MFP_PRE_IMP_W	batch_rms/batch_non_rms
MFP_BATCH_AGG_W_JOB	MFP Batch Aggregation Weekly Job	Weekly	MFP_BATCH_AGG_W	calc_week. calc_fcst
MFP_POST_IMP_W_JOB	MFP Post Imports Weekly Job	Weekly	MFP_POST_IMP_W	
MFP_POST_EXP_W_JOB	MFP Post Exports Weekly Job	Weekly	MFP_POST_EXP_W	
MFP_POST_AGG_W_JOB	MFP Post Aggregation Weekly Job	Weekly	MFP_POST_AGG_W	
MFP_WB_BUILD_W_JOB	MFP Workbook Build/Refresh Weekly Job	Weekly	MFP_WB_BUILD_W	refresh_weekly, rebuild_weekly
MFP_WEEKLY_POST_JOB	MFP Weekly Post-Job	Weekly	jos_weekly_post	

Enterprise Edition customers can use the same frame work as GA shown below in their batch control file and only use the *hook entries to connect to execute the required steps without changing the job flow in JOS/POM.

jos_daily_pre | exec | *hook_jos_daily_pre

jos_daily | exec | *hook_jos_daily

MFP_PRE_AGG_D | exec | *hook_MFP_PRE_AGG_D

MFP_PRE_EXP_D | exec | *hook_MFP_PRE_EXP_D

MFP_PRE_IMP_D | exec | *hook_MFP_PRE_IMP_D

MFP_BATCH_AGG_D | exec | *hook_MFP_BATCH_AGG_D

MFP_POST_IMP_D | exec | *hook_MFP_POST_IMP_D

MFP_POST_EXP_D | exec | *hook_MFP_POST_EXP_D
MFP_POST_AGG_D | exec | *hook_MFP_POST_AGG_D
MFP_WB_BUILD_D | exec | *hook_MFP_WB_BUILD_D
jos_daily_post | exec | *hook_jos_daily_post
jos_weekly_pre | exec | *hook_jos_weekly_pre
jos_weekly | exec | *hook_jos_weekly
MFP_PRE_AGG_W | exec | *hook_MFP_PRE_AGG_W
MFP_PRE_EXP_W | exec | *hook_MFP_PRE_EXP_W
MFP_PRE_IMP_W | exec | *hook_MFP_PRE_IMP_W
MFP_BATCH_AGG_W | exec | *hook_MFP_BATCH_AGG_W
MFP_POST_IMP_W | exec | *hook_MFP_POST_IMP_W
MFP_POST_EXP_W | exec | *hook_MFP_POST_EXP_W
MFP_POST_AGG_W | exec | *hook_MFP_POST_AGG_W
MFP_WB_BUILD_W | exec | *hook_MFP_WB_BUILD_W
jos_weekly_post | exec | *hook_jos_weekly_post

