Oracle® Retail Financial Integration for Oracle Retail Merchandise Operations Management and Oracle Financials Installation Guide

Installation Guide

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Oracle® Retail Financial Integration for Oracle Retail Merchandise Operations Management and Oracle E-Business Suite or PeopleSoft Financials Installation Guide, Release 15.0.3.1

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Please give your name, address, electronic mail address, and telephone number (optional).

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If you require training or instruction in using Oracle software, then please contact your Oracle local office and inquire about our Oracle University offerings. A list of Oracle offices is available on our Web site at http://www.oracle.com.

Preface

Oracle Retail Installation Guides contain the requirements and procedures that are necessary for the retailer to install Oracle Retail products.

Audience

This Installation Guide is for the following audiences:

- Database administrators
- System analysts and programmers
- Integrators and implementation staff personnel

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For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

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When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 15.0) or a later patch release (for example, 15.0.3). If you are installing the base release and additional patch releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch releases can contain critical information related to the base release, as well as information about code changes since the base release.

Improved Process for Oracle Retail Documentation Corrections

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

This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

http://www.oracle.com/technetwork/documentation/oracle-retail-100266.ht
ml

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

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Oracle Retail Documentation on the Oracle Technology Network

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

http://www.oracle.com/technetwork/documentation/oracle-retail-100266.ht
ml

(Data Model documents are not available through Oracle Technology Network. You can obtain these documents through My Oracle Support.)

Conventions

ConventionMeaningboldfaceBoldface type indicates graphical user interface elements associated
with an action, or terms defined in text or the glossary.italicItalic type indicates book titles, emphasis, or placeholder variables for
which you supply particular values.

The following text conventions are used in this document:

Convention	Meaning
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Preinstallation Tasks

This chapter explains the tasks required prior to installation.

Note: Oracle Retail assumes that the retailer has applied all required fixes for supported compatible technologies.

Requesting Infrastructure Software

If you are unable to find the necessary version of the required Oracle infrastructure software (database server, application server, WebLogic, etc.) on the Oracle Software Delivery Cloud, you should file a non-technical 'Contact Us' Service Request (SR) and request access to the media. For instructions on filing a non-technical SR, see My Oracle Support Note 1071023.1 - *Requesting Physical Shipment or Download URL for Software Media*.

Check Supported Database Server Requirements

General requirements for a database server running Oracle Retail Financial Integration Pack include:

Supported on:	Versions Supported:
Database Server OS	OS certified with Oracle Database 12c Enterprise Edition or 19c (19.3.0.0.0) Enterprise Edition. Options are:
	 Oracle Linux 6 or 7 for x86-64 (Actual hardware or Oracle virtual machine).
	 Red Hat Enterprise Linux 6 or 7 for x86-64 (Actual hardware or Oracle virtual machine).
	 AIX 7.1 (Actual hardware or LPARs)
	 Solaris 11 SPARC (Actual hardware or logical domains)
	 HP-UX 11.31 Integrity (Actual hardware, HPVM, or vPars)

Table 1–1 Database Server Requirements

Supported on:	Versions Supported:
Database Server 19c	Oracle Database Enterprise Edition 19c (19.3.0.0.0) with the following specifications:
	Components:
	• ? DB HOME
	• ? Examples CD
	Other Components:
	 Perl interpreter 5.0 or later
	 X-Windows interface
	■ JDK 1.8
Database Server 12c	Oracle Database Enterprise Edition 12c (12.1.0.2) with the following specifications:
	Components:
	 Enterprise Edition
	 Examples CD
	Oneoff Patches:
	 20846438: ORA-600 [KKPAPXFORMFKK2KEY_1] WITH LIST PARTITION
	 Patch 19623450: MISSING JAVA CLASSES AFTER UPGRADE TO JDK 7
	 20406840: PROC 12.1.0.2 THROWS ORA-600 [17998] WHI PRECOMPILING BY 'OTHER' USER
	 20925154: ORA-39126: WORKER UNEXPECTED FATAL ERROR IN KUPW\$WORKER GATHER_PARSE_ITEMS JAVA
	RAC Only:
	 21260431: APPSST 12C : GETTING ORA-4031 AFTER 12C UPGRADE
	 21373473: INSTANCE TERMINATED AS LMD0 AND LMD2 HUNG FOR MORE THAN 70 SECS
	Other Components:
	 Perl interpreter 5.0 or later
	 X-Windows interface
	 JDK 1.8 with latest security updates

Table 1–1 (Cont.) Database Server Requirements

Check Supported ODI Requirements

General requirements for an Oracle Data Integrator running Oracle Retail Financial Integration Pack include:

Supported on	Versions Supported
Data Integrator Server OS	OS supported with Oracle Database 12c Enterprise Edition or 19c (19.3.0+) Enterprise Edition. Options are:
	 Oracle Linux 6 or 7 for x86-64 (Actual hardware or Oracle virtual machine).
	 Red Hat Enterprise Linux 6 or 7 for x86-64 (Actual hardware or Oracle virtual machine).
	 AIX 7.1 (Actual hardware or LPARs)
	 Solaris 11 SPARC (Actual hardware or logical domains)
	 HP-UX 11.31 Integrity (Actual hardware, HPVM, or vPars)
Data Integrator 12c	Oracle Data Integrator Release 12c (12.2.1.3) with the following specifications:
	Oracle Fusion Middleware 12c Release 1 (12.2.1.3)
	Components:
	 Oracle Data Integrator 12c Release 1 (12.2.1.3)

 Table 1–2
 Supported ODI Requirements

Check Supported Application Server Requirements

General requirements for an application server capable of running the Oracle Retail Financial Integration application include the following:

Supported on	Versions Supported OS supported with Oracle Fusion Middleware 12.2.1.4.0. Options are:	
Application Server OS		
	 Oracle Linux 6 or 7 for x86-64 (Actual hardware or Oracle virtual machine). 	
	 Red Hat Enterprise Linux 6 or 7 for x86-64 (Actual hardware or Oracle virtual machine). 	
	 AIX 7.1 (Actual hardware or LPARs) 	
	 Solaris 11.x SPARC (Actual hardware or logical domains) 	
	 HP-UX 11.31 Integrity (Actual hardware, HPVM, or vPars) 	

 Table 1–3
 Application Server Requirements

Supported on	Versions Supported
Application Server	Oracle Fusion Middleware 12.2.1.4
	Components:
	• Oracle WebLogic Server 12c (12.2.1.4.0)
	 Java: JDK 8 with latest security updates+ 64 bit
	Note:
	 If there is an existing WebLogic installation on the server, you must upgrade to WebLogic 10.3.6. All middleware components associated with WebLogic server 10.3.3 or 10.3.4 should be upgraded to 12.2.1.4.
	Back up the weblogic.policy file (\$WL_HOME/ server/lib) before upgrading your WebLogic server, because this file could be overwritten. Copy over the weblogic.policy backup file after the WebLogic upgrade is finished and the post patching installatior steps are completed.
	 The installer can fail because of missing .jar in \$ORACLE_HOME/utils/ccr/lib. This issue occurs only when the application is being installed on the same WebLogic server on which forms based applications are installed. It is valid only for Linux 64-bit.

Table 1–3 (Cont.) Application Server Requirements

Check Supported Client PC and Web Browser Requirements

Requirement	Version
Operating system	Windows 7
Display resolution	1024x768 or higher
Processor	2.6GHz or higher
Memory	1GByte or higher
Networking	intranet with at least 10Mbps data rate
Oracle (Sun) Java Runtime Environment	1.8.0+
Browser	Mozilla Firefox 45+

Table 1–4 Supported Client PC and Web Browser Requirements

Supported Oracle Retail Products

Table 1–5	Supported Oracle Retail Products
	Supported Oracle Retail Froducts

Requirement	Version
Oracle Retail Merchandising System (RMS)	15.0.3.1
Oracle Retail Sales Audit (ReSA)	15.0.3.1
Oracle Retail Invoice Matching (ReIM)	15.0.3.1
Oracle Retail Integration Bus (RIB)	15.0.3.1

UNIX User Account Privileges to Install the Software

A UNIX user account is needed to install the software. The UNIX user that is used to install the software should have write access to the WebLogic server installation files.

For example, oretail.

Note: Installation steps will fail when trying to modify files under the WebLogic installation, unless the user has write access.

Supported Oracle Applications

Requirement	Version
Oracle E-Business Suite (General Ledger and Accounts Payable)	Oracle E-Business Suite 12.2.4 integration is supported using the Oracle Financial Operations Control Integration Pack for Oracle Retail Merchandising Suite and Oracle E-Business Suite Financials.
PeopleSoft Financials (General Ledger and Accounts Payables)	Oracle PeopleSoft 9.2 integration is supported using the Oracle Financial Operations Control Integration Pack for Oracle Retail Merchandising Suite and Oracle PeopleSoft Financials.

Table 1–6 Supported Oracle Applications

Note on Compatibility of Financial Applications (EBS, PeopleSoft) and ORFI): The release cycle of Oracle E-Business Suite Financials (EBS) and Oracle PeopleSoft Financials does not align with Oracle Retail's Enterprise release cycle. Because of this discrepancy, the certification of newer versions of EBS Financials and PeopleSoft Financials with the Oracle Retail suite of applications can be delayed. Because the Oracle Retail Financial Integration (RFI) product aligns its release with the Oracle Retail Enterprise release cycle, Oracle Retail Development will attempt to certify RFI, and other Oracle Retail applications, with newer versions of EBS and PeopleSoft in every major (.0), not minor (.x), release of Oracle Retail applications.

Though they are not officially certified with Oracle Retail applications, the minor version patches of EBS Financials and PeopleSoft Financials (that are higher than that which is certified with Oracle Retail applications) may be compatible and function properly.

Oracle Support will attempt to help customers to resolve issues that arise in these implementations that do not include documented, certified versions. Oracle Retail will try to duplicate the issues on certified versions of the integration, and if the issues can be duplicated in the certified versions, Oracle Retail will strive to fix and resolve the issues. If there arises an issue that cannot be resolved in an uncertified implementation, Oracle Retail maintains final discretion on its actions. In such situations, Oracle Support will try to help customers resolve their issues. Note, however, that in an uncertified version combination, SEV-1 escalations would not be allowed.

ORFI and Oracle WebLogic Server Cluster

Because ORFI must preserve the message publication and subscription ordering, ORFI deployed in Oracle WebLogic Server cannot be configured in an active-active cluster mode. In active-active cluster mode, multiple subscribers and publishers will process messages simultaneously and there will be no way to preserve message ordering.

ORFI can be deployed to a single instance of an Oracle WebLogic server that is clustered (active-passive). In this configuration, even though RFO is deployed in a WebLogic cluster, multiple instances of ORFI are not running at the same time, as there is only one WebLogic instance where ORFI is deployed. Therefore, ORFI can still preserve message ordering.

To truly configure ORFI for high availability, the only option is to configure it in active-passive mode.

ORFI Installation

This guide details the steps needed to perform an installation of ORFI. This will cover the EBS Business Event Subscription setup for currency rate and suppliers if integrating with EBS 12.2.4. This will cover the PeopleSoft integration broker service configuration setup for currency rate, suppliers and payterms. Along with the ORFI layer setup and creation of ODI master and work repositories, importing the ODI packages, and scheduling the scenarios.

Before validating integration services, you must ensure that Oracle Retail Merchandising System (RMS), Oracle Retail Invoice Matching (ReIM), and Oracle Retail Sales Audit (RESA) are set up properly to integrate with ORFI. For more information, see the Oracle Retail Invoice Matching Operations Guide, and the Oracle Retail Merchandising System Operations Guide, Volume 3, for setting up the Oracle Retail applications for Financials integration. Details to validate include verifying that currency rate IGS service is up, RMS supplier and payment terms services are up and running. For AP/GL invoice integrations to work, ensure that proper GL Account validation and Drill forward/backward report URL are properly configured.

The following chapters document the installation process:

- ORFI Database Installation Tasks
- ORFI Application Installation Tasks
- EBS Database Installation Tasks
- EBS Event Subscription Tasks
- PeopleSoft Database Installation Tasks
- PeopleSoft Setup Tasks
- ODI Setup Tasks

Note: After you have installed your supporting Oracle Retail applications and confirmed that they are functioning, you can begin the installation of ORFI

ORFI Database Installation Tasks

This chapter includes:

- Expand the ORFI Installer Distribution
- Database Schema Topology
- Create Tablespaces
- Create the ORFI Database User
- Run the ORFI Database Schema Installer
- Verification

Expand the ORFI Installer Distribution

- 1. Log in to the UNIX server as a user who has sufficient access to run sqlplus from the Oracle Database installation.
- 2. Create a new staging directory for the ORFI installer distribution (RetailFinancialIntegrationPak15.0.4ForRfi15.0.4_eng_ga.zip). There should be a minimum of 50 MB disk space available for the application and database schema installation files. This location is referred to as INSTALL_DIR for the remainder of this chapter.
- **3.** Copy RetailFinancialIntegrationPak15.0.4ForRfi15.0.4_eng_ga.zip to <INSTALL_ DIR> and extract its contents.

Database Schema Topology

This topology diagram shows how different schemas are integrated with each other. There are two diagrams one with EBS as integrating financial system and other Oracle PeopleSoft as integrating financial system

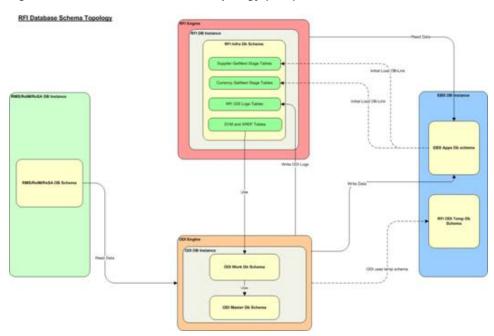
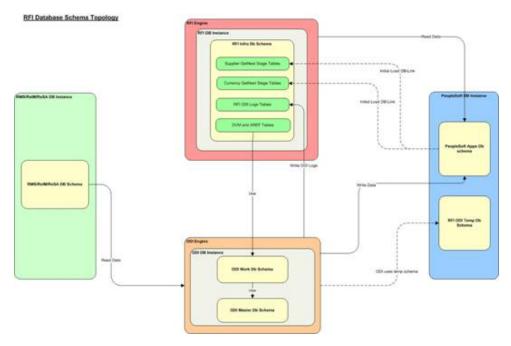


Figure 3–1 RFI Database Schema Topology (EBS)

Figure 3–2 RFI Database Schema Topology (PeopleSoft)



Create Tablespaces

Before you run the ORFI database schema installer, make sure that the RFI_DATA tablespace has been created in the database.

Below is an example of tablespace creation statement for the RFI_DATA tablespace. Oracle Retail recommends the use of locally managed tablespaces with automatic extent and segment space management. **Note:** These tablespaces are not sized for a production environment. The customer's Database Administrator should create the tablespace based on their datacenter database architecture and size it appropriately based on expected data volume for their peak data usage.

```
CREATE TABLESPACE RFI_DATA DATAFILE

'<datafile_path>/rfi_data01.dbf' SIZE 500M

AUTOEXTEND ON NEXT 100M MAXSIZE 2000M

EXTENT MANAGEMENT LOCAL

SEGMENT SPACE MANAGEMENT AUTO

;
```

Create the ORFI Database User

The user in the database who will own the ORFI tables must be created prior to running the ORFI database schema installer. A create_user.sql script has been provided that can be used for this:

\$INSTALL_

DIR/retail-financial-integration-solution/service-based-integration/setup-data/ddl /create_user.sql

After installation is completed, a detailed database user creation log file is created:

\$INSTALL_

DIR/retail-financial-integration-solution/service-based-integration/setup-data/ddl/c reate_user.log

The script takes three arguments on the command line in sqlplus: username, password and ORFI tablespace name. For example:

SQL> @create_user.sql <RFI Schema> <RFI Schema Password> <RFI Tablespace Name>

Review this script and run it as a user with adequate permissions, such as SYSTEM.

Run the ORFI Database Schema Installer

This installer installs the ORFI database schema, compiles ORFI objects, and inserts ORFI data.

- **1.** Set the following environment variables:
 - Set the ORACLE_HOME to point to an installation that contains sqlplus. It is
 recommended that this be the ORACLE_HOME of the ORFI database.
 - Set the PATH to: \$ORACLE_HOME/bin:\$PATH
 - Set the ORACLE_SID to the name of your database
 - Set the NLS_LANG for proper locale and character encoding

For example: NLS_LANG=AMERICAN_AMERICA.AL32UTF8

2. If you are using an X server such as Exceed, set the DISPLAY environment variable so that you can run the installer in GUI mode (recommended). If you are not using an X server, or the GUI is too slow over your network, unset DISPLAY for text mode.

3. Based on whether integrating Oracle Financials application is EBS or PeopleSoft, run one of the initial setup scripts available in \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/bin/. After installation is completed, a detailed installation log file is created: \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/bin/<timesta mp>.log.

For example:

For EBS integration, run the prompt

\$ sh ebs-load-initial-setup-data-into-integration-schema.sh

OR

For PeopleSoft integration, run the prompt

\$ sh psft-load-initial-setup-data-into-integration-schema.sh

The installer prompts for the following details:

Enter the ORFI database schema details

Enter ORFI Userid:

Enter ORFI Passwd:

Enter the ORFI database server name

Enter Database Server Name or IP address:

- Enter the ORFI database server port
 Enter Database Port Number:
- Enter the ORFI database server SID
 Enter Database SID:

Verification

Log in to the ORFI database schema in the database and query

"SELECT * FROM TAB WHERE TNAME LIKE 'RFI%'"

This query should list the following tables:

- RFI_CURR_RATE_STAGE
- RFI_ODI_LOGS
- RFI_SUPP_CONTACTS_STAGE
- RFI_SUPP_SITES_STAGE
- RFI_SUPP_STAGE
- RFI_XREF_DVM

If integration with PeopleSoft as Oracle Financials application, then along with above mentioned tables the below two tables should also be listed:-

- RFI_TERMS_HEAD
- RFI_TERMS_DETAIL

4

ORFI Application Installation Tasks

This chapter includes:

- Prerequisite
- Expand the ORFI Installer Distribution
- Configure the Deployment Info for JSON File
- Service Consumer Security
- Generate the EBS Component
- Verify that the EBS jar has been Created
- Deploy the ORFI Application for EBS
- Deploy the ORFI Application for PeopleSoft
- Verification

Prerequisite

Before proceeding you must install Oracle WebLogic Server 12c 12.2.1.3 and any patches listed related to Weblogic Server 12c 12.2.1.3. Create a WebLogic domain called rfi_domain. This WebLogic domain must be of a base domain type. Create a managed server (for example, rfi-server) inside this rfi_domain. The ORFI application will be installed into the WebLogic managed server (for example, rfi-server). It is assumed that the Oracle database has already been configured and loaded with the appropriate ORFI, RMS, EBS, and ODI (Master, Work, and Staging Area) schema details for your installation. This server is referred to as RFI_SERVER in this document.

You need to execute the steps in the Expand the ORFI Installer Distribution section if the UNIX environments for the ORFI database and WebLogic Server are different.

1. Update \$WEBLOGIC_HOME/server/lib/weblogic.policy file with the following:

Note:

- If copying the following text from this guide to UNIX, ensure that it is properly formatted in UNIX. Each line entry beginning with "permission" must terminate on the same line with a semicolon.
- <WEBLOGIC_ HOME> in the below example is the full path to where WebLogic has been installed. "rfi_server" is the managed server created for the App and "retail-financial-integration-ear-<version>.ear" correlates to the value entered for the application deployment name/context root of the application during installation. See the example. There should not be a space after file: in the following:

File:<WEBLOGIC_HOME>.

grant codeBase

```
"file:<WEBLOGIC_HOME>/user_projects/domains/rfi_domain/servers/rfi-server/tmp/_
WL_user/ retail-financial-integration-ear-<version>.ear/-" {permission
java.security.AllPermission;permission
oracle.security.jps.service.credstore.CredentialAccessPermission
"credstoressp.credstore", "read,write,update,delete";permission
oracle.security.jps.service.credstore.CredentialAccessPermission
"credstoressp.credstore.*", "read,write,update,delete";}
```

An example of the full entry that might be entered is:

grant codeBase

```
"file:/u00/rfi1/Oracle/Middleware/user_projects/domains/rfi_
domain/servers/rfi-server/tmp/_WL_user/
retail-financial-integration-ear-15.0.3.1.ear/-" {permission
java.security.AllPermission;permission
oracle.security.jps.service.credstore.CredentialAccessPermission
"credstoressp.credstore", "read,write,update,delete";permission
oracle.security.jps.service.credstore.CredentialAccessPermission
"credstoressp.credstore.*", "read,write,update,delete";};
```

Note:

- The path "tmp/_WL_ user/retail-financial-integration-ear-<version>.ear" will not be available before the deployment.
- The domain must be bounced for the above change to take affect.

Note: The nodemanager.properties file is created after NodeManager is started for the first time. It will not be available before that point. The NodeManager must be restarted after making changes to the nodemanager.properties file.

Expand the ORFI Installer Distribution

1. Log in to the UNIX server where the WebLogic server is installed as a user who has sufficient access to deploy an application from the Oracle WebLogic installation.

- 2. Create a new staging directory for the ORFI installer distribution (RetailFinancialIntegrationPak15.0.4ForRfi15.0.4_eng_ga.zip). There should be a minimum of 50 MB disk space available for the application and database schema installation files. This location is referred to as INSTALL_DIR for the remainder of this chapter.
- **3.** Copy RetailFinancialIntegrationPak15.0.4ForRfi15.0.4_eng_ga.zip to <INSTALL_ DIR> and extract its contents.

Note: Before proceeding with below installation, read through the below instructions and ensure follow the same during installation:

- 1. It is highly recommended that customer first try to get it deployed with security policy "unsecure", do some mock test and only when everything is working, reconfigure to use "policyA".
- **2.** If "policyA" is specified then SSL port must be enabled and proper https protocol has to be specified in the correct URLs. If it is not done WebLogic deployment fails with cryptic errors.
- **3.** RFI ear hosted services providers can be configured only with policyA(no policyB) as PLSQL applications cannot call services secured with policyB. But RFI can call services secured with policyB

Configure the Deployment Info for JSON File

The rfi-deployment-env-info.json file serves multiple purposes. It is used by the installation process and it also acts as a single master configuration file that describes the entire topology of the integration system. The values in this file must be accurate for the system to work properly. All values in the file are not user editable; the installation process needs these fixed names to match what the compiled runtime code already expects. Some examples of these fixed values that must not be changed are constants like "GET_FROM_WALLET"; jndi name like "jdbc/RfiDataSource" and so on.

You need to configure the following list of deployment information to run the ORFI deployment script. This file can be found under \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/conf/.

Note:

- Do not change "Alias" Names or any other values other than the details given below.
- You should remove the symbols "<" and ">" while entering the actual/valid values for below configurations.

Update the following details from RfiDeploymentEnvInfo -> integratingToEbsOrPsft, mentioned based on whether integration is with EBS OR PeopleSoft

- If integration is with EBS, the value should be integrating ToEbsOrPsft":"EBS", Or,
- If integration is with PeopleSoft, the value should be integratingToEbsOrPsft":"PSFT"

Note: Default configuration would be integratingToEbsOrPsft":"PSFT".

Update the following details from RfiDeploymentEnvInfo -> DataSourceDef configuration:

Based on whether the integration is with EBS or PeopleSoft enter the below mentioned details against corresponding datasource names.

1. In EbsDataSource, enter the EBS database connection details:

```
"jdbcUrl":"jdbc:oracle:thin:@//<Server Name>:<Port>/<SID>"
OR
In PsftDataSource , enter the PeopleSoft database connection details
```

2. In RmsDataSource, enter the RMS database connection details:

"jdbcUrl":"jdbc:oracle:thin:@//<Server Name>:<Port>/<SID>"

3. In RfiDataSource, enter the ORFI database connection details:

"jdbcUrl":"jdbc:oracle:thin:@//<Server Name>:<Port>/<SID>"

4. In OdiMasterDataSource, enter the ODI Master repository database connection details:

"jdbcUrl":"jdbc:oracle:thin:@//<Server Name>:<Port>/<SID>"

5. In OdiWorkDataSource, enter the ODI Work repository database connection details:

```
"jdbcUrl":"jdbc:oracle:thin:@//<Server Name>:<Port>/<SID>"
```

6. In OdiStagingAreaDataSource, enter the ODI Staging database connection details:

```
"jdbcUrl":"jdbc:oracle:thin:@//<Server Name>:<Port>/<SID>"
```

Note: It is recommended to have the ODI Staging Schema (RFI_ODI_ TEMP) in the EBS or PeopleSoft database.

- Update the following details from RfiDeploymentEnvInfo -> MiddlewareServerDef -> RfiAppServer configuration:
 - Enter the WebLogic domain name:

"weblogicDomainName":"<RFI Domain Name>",

- Enter the RFI Domain Home:
 "weblogicDomainHome":"<RFI Domain Name>",
- Enter the RFI Domain Server URL:

"weblogicDomainAdminServerURL":"t3://Server Host name:port",

Enter the WebLogic admin server protocol:

"weblogicDomainAdminServerProtocol":"t3",

- Enter the WebLogic admin server host name:
 "weblogicDomainAdminServerHost":"<Server Host Name>"
- Enter the WebLogic server port:
 "weblogicDomainAdminServerPort":"<port>"

Enter the WebLogic Managed Server Name:

"weblogicDomainTargetManagedServerName":"<Server Name>"

Enter the End point URL for GlAccount Service:

"glAccountValidationServiceEndPointUrl":"http://myhostname:7001/GlAccountVa lidationBean/GlAccountValidationService?WSDL",

If integration is with PeopleSoft enter the End point URL for below mentioned services. If integration is with EBS please skip 1 - 4 service configuration steps

- Enter the End point URL for drillBackForward Service: drillBackForwardUrlServiceEndPointUrl":"http://myhostname:7001/Drill BackForwardUrlBean/DrillBackForwardUrlService?WSDL",
- Enter the End point URL for Supplier Service: supplierBusinessEventHandlerServiceEndPointUrl":"http://myhostname: 7001/SupplierBusinessEventHandlerServiceBean/SupplierBusinessEvent HandlerService?WSDL",
- **c.** Enter the End point URL for Payterms Service: payTermBusinessEventHandlerServiceEndPointUrl":"http://myhostname :7001/PayTermBusinessEventHandlerServiceBean/PayTermBusinessEven tHandlerService?WSDL",
- d. Enter the End point URL for Currency Rate Service: currencyRateBusinessEventHandlerServiceEndPointUrl":"http://myhostn ame:7001/CurrencyRateBusinessEventHandlerServiceBean/CurrencyRate BusinessEventHandlerService?WSDL",
- Enter the ORFI UI URL host name and port details:

"rfiAdminUiUrl":"http://<host>:<port>/retail-financial-integration-web",

Enter the SMTP server host:

"smtpServerHost":"<SMTP Server Host>"

Enter the SMTP server port:

"smtpServerPort":"<SMTP Server Port>"

Enter the SMTP server type (for example, SSL or TSL):

"smtpServerListenerType":"<SMTP Server Type>"

- Enter "true" if authentication required for SMTP server, else "false":
 "smtpAuthenticationRequired":"<true/false>"
- Enter the From Email Address:

"smtpMailFromAddress":"<From Address>"

Enter the Comma (,) separated To Address list:

"smtpMailToAddressList":"<To Address Email Id's>"

For example:

"smtpMailToAddressList":"<ToAddr1@example.com,ToAddr2@example.com>"

8. Update an Integrated Gateway Services detail for Currency Rate service from RfiDeploymentEnvInfo -> MiddlewareServerDef -> IgsAppServer configuration.

Enter the IGS Currency Rate End point URL:

```
"currencyRateServiceEndPointUrl":"<Currency Rate URL>"
```

9. Update RfiDeploymentEnvInfo -> MiddlewareServerDef -> RmsAppServer details for Supplier Service.

Enter the Supplier service End point URL:

"supplierServiceEndPointUrl":"<Supplier URL>"

If integration is with peopleSoft enter the End point URL for below mentioned services. If integration is with EBS please skip 1 - 2 service configuration steps.

- Enter the report locator service End point URL: reportLocatorServiceEndPointUrl":"http://rmshostname:19203/ReportLocator rBean/ReportLocatorService?WSDL",
- Enter the payterm service End point URL: payTermServiceEndPointUrl": "http://rmshostname:19203/PayTermBean/Pay TermService?WSDL",
- **10.** If integrating with EBS, Update RfiDeploymentEnvInfo -> MiddlewareServerDef -> EbsAppServer details for Supplier Service:

Enter the EBS server \$JAVA_TOP folder path

```
"ebsInstanceJavaTopLocation":"<JAVA_TOP>"
```

For example:

"ebsInstanceJavaTopLocation":" /u01/applmgr/apps/apps_st/comn/java/classes"

11. Enter the WebLogic DomainAdminServerUrl

For example:

```
"weblogicDomainAdminServerUrl": t3://ebshostname:7001
```

Note: If EBS is installed on Oracle Application Server substitute the corresponding OAS/oc4j information instead of WebLogic server information.

- **12.** If integrating with PeopleSoft, Update RfiDeploymentEnvInfo -> MiddlewareServerDef -> PsftAppServer
 - Enter the WebLogic domain name:

"weblogicDomainName":"<PSFT Domain Name>",

• Enter the WebLogic domain home:

"weblogicDomainHome":"/path/<PSFT Domain Name>",

- Enter the WebLogic domain admin server url:
 "weblogicDomainAdminServerUrl":" t3://psfthostname:7777",
- Enter the WebLogic domain admin server useralias

"weblogicDomainAdminServerUserAlias":"psftAppServerAdminServerUserAlias"

Enter the PeopleSoft Application URL:

"psftApplicationUrl":"http://psfthostname:port/psp",

Enter the Combochart Field service End point URL:

"comboChartFieldServiceEndPointUrl":"http://psfthostname:7777/PSIGW/PeopleS oftServiceListeningConnector/COMBO_CF_EDIT_REQUEST.1.wsdl",

Enter the rfiInvoice Drill forward service End point URL:

"rfiInvoiceDrillForwardServiceEndPointUrl":"http://psfthostname:7777/PSIGW/ PeopleSoftServiceListeningConnector/RFI_INV_DRILLFORWARD_SERVICE.1.wsdl"

- **13.** Update the following details from RfiDeploymentEnvInfo -> MiddlewareServerDef -> RfiBulkServer configuration:
 - Enter the odi host name: "odiHost": "odihostname",
 - Enter the odi url : odiUrl:"/path/odi_is_installed",
 - Enter the odi Agent host : "odiAgentHost": "odihostname",
 - Enter the odi Agent port : odiAgentPort":"20910"
- 14. The supported configuration is for Unsecured and Policy A configuration.
- **15.** Update the application security configuration for your environment. ORFI application is certified with Policy-A (UsernameToken over HTTPS). Add one of the key words policyA or Unsecured to service settings based on the nature of security selected at the service level.

Example:

For Currency Rate Service, Policy A (HTTPS) setting, update the JSON file with policyName to policyA:

"currencyRateServiceEndPointSecurityPolicyName":"policyA".

For Supplier Service, Policy A (HTTPS) setting, update the JSON file with policy Name to policyA:

"supplierServiceEndPointSecurityPolicyName":"policyA".

For Currency Rate Service, unsecured setting, update the JSON file with policyName to spaces:

"currencyRateServiceEndPointSecurityPolicyName":" Unsecured".

For Supplier Service, Unsecured setting, update the JSON file with policyName to spaces:

" supplierServiceEndPointSecurityPolicyName":" unsecure".

Refer to Appendix B, "Appendix: JSON in Tabular Format" for complete JSON configuration in Tabular format.

Note: By default the maximum number of in-memory sessions for WebLogic web applications is unlimited. This setting can be misused by external attackers to create unlimited number of sessions by accessing the web application. In such cases it is possible that the WebLogic server run out of memory and eventually crash. So it is required to limit the number of sessions to a reasonable number (e.g., 100). The settings can be changed through the admin console of the WebLogic server. Follow the steps below to change this configuration setting:

- 1. Login to Admin Console.
- 2. Click Deployments.
- 3. Click the war application (or war module if it is inside an ear application).
- 4. Click Configuration.
- 5. Set Maximum in-memory Sessions to 100.
- 6. Save the changes. Activate the session, if needed.

Service Consumer Security

ORFI can be secured with policy-A (UsernameToken over HTTPS), if the service hosted by the ORFI application is secured, then the consumer of the service (Example: RMS) must be configured such that it can invoke the secured service. For more information on Service consumer configuration for Policy A, see the Oracle Retail Services Backbone Security Guide.

Note: Due to known vulnerabilities, SSLv3.0 is not considered secure and should be disabled in WLS. For secured installations the latest TLS version is recommended. Use -DWebLogic.security.SSL.minimumProtocolVersion=TLSv1.2-Dweblo gic.security.SSL.protocolVersion=TLS1.

Generate the EBS Component

Note: The steps mentioned in this section should be performed only if you are integrating with EBS as Oracle Financials applications. If not, Please skip this section and continue with the "Deploy the ORFI Application".

If EBS is the Oracle Financials application: You need to generate an EBS component jar file (ebs-financial-common-15.0.4.jar). This should be placed in the EBS application environment to communicate the supplier and currency rate events to the Oracle Retail Merchandise system.

Note: Ensure JAVA_HOME and WL_HOME variables are set in the environment. WL_HOME points to the folder location till <WebLogic Installed folder>/wlserver. Aliases names and Admin Group name are not editable.

1. Run the rfi-deployer.sh (available in \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/bin/) script to configure and save the AppServer and DB credentials to ORFI wallet.

The script takes two arguments on the command line: -setup-credentials and -prepare-ebs-side-component.

For example:

prompt\$ sh rfi-deployer.sh -setup-credentials -prepare-ebs-side-component

- 2. The installer prompts for the following details:
 - WebLogic login credentials

Credential required for weblogicDomainAdminServerHost (<HOST_NAME>) weblogicDomainAdminServerPort (<PORT>):

Enter username for alias (rfiAppServerAdminServerUserAlias):<Enter WebLogic Admin server Login name>

Enter Password: <Enter WebLogic Admin server Login password>

ORFI Admin Group login Credentials (ORFI Admin UI)

Credential required for rfiAdminUiUrl (<Entered value in JSON file>):

Enter username for alias (rfiAdminUiUserAlias):<Enter the login name for ORFI Admin>

Enter Password: <Enter ORFI Admin Login password>

ORFI Database Schema details

Credential required for jdbcUrl (<Entered value in JSON file>):

For Currency Rate Service, Policy A setting: Installer will prompt for AdminService username, Adminservice password.

- Email Details From Email Address and password
- EBS Schema details

Enter username for alias (rfiDataSourceUserAlias):<Enter the ORFI Schema user name>

Enter Password: <Enter ORFI Schema password>

Credential required for jdbcUrl(<Entered value in JSON file>):

Enter username for alias (ebsDataSourceUserAlias):apps

Enter Password: <Enter EBS APPS Schema password>

Credential required for email address (<Entered value in JSON file>):

Verify email by retyping above email address (smtpMailFromAddressAlias): <Enter From Email Address>

Enter Password: < Enter Password for the above From Email Address>

Secured Service details:

Pre-requisites - Security admin user has been configured, User name and password has been captured. If not, follow these instructions provided in the *Oracle Retail Integration Bus Security Guide*.

Note: For Policy A Security Admin User name and Password should be provided.

The installer will prompt for service username, service password if policyA setting is configured in the JSON file. For Unsecured settings, the following steps will be skipped.

The examples below contain a combination of service and policy settings:

For Example: Credential required for Currency Rate service for Policy A:

currencyRateServiceUserAlias(https://samplehost:21977/igs-CurRatePubl ishing-AppServiceDecorator/ProxyService/CurRatePublishingAppService Proxy?wsdl):

Enter username for alias

(currencyRateServiceEndPointUserAlias): <adminusername>

Enter Password:

<adminuserpasswordserviceuserpassword>

• For Supplier Service, Policy A setting: Installer will prompt for service username and password, enter the username and password.

For Example: Credential required for Supplier service for Policy A:

supplierServiceEndPointUserAlias(https://samplehost:21999/SupplierBean
/SupplierService?WSDL):

Enter username for alias

(supplierServiceEndPointUserAlias): <adminusername>

Enter Password:

<adminuserpassword>

de/rfi/rfi-ebs-event-handler/.

Verify that the EBS jar has been Created

The generated components can be verified from the following target folders:

 If integrating with EBS, A jar file "ebs-financial-common-<version>.jar" should be available in folder \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/target/ebs-si

Note: The "rfi" folder in \$INSTALL

DIR/retail-financial-integration-solution/service-based-integration/ta rget/ebs-side/ should be copied to a staging folder in the EBS server which will be referred as EBS_COMP_DIR in EBS UNIX environment.

Deploy the ORFI Application for EBS

Note: The steps mentioned in this section should be performed only if you are integrating with EBS as Oracle Financials applications. If not, Please skip this section and continue with the "Deploy the ORFI Application for PeopleSoft".

Before proceeding, ensure that steps mentioned under section "Generate the EBS component" is executed successfully.

Note: Ensure JAVA_HOME and WL_HOME variables are set in the environment. WL_HOME points to folder location till <WebLogic Installed folder>/wlserver.

 Run the rfi-deployer.sh (available in \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/bin/) script to deploy the ORFI application to the WebLogic server. This script considers all the configuration values defined in previous processes.

The script takes two arguments on the command line: -use-existing-credentials and -deploy-rfi-app.

For example: prompt\$ sh rfi-deployer.sh -use-existing-credentials -deploy-rfi-app

2. After successful deployment of the ORFI application, restart the WebLogic server.

Deploy the ORFI Application for PeopleSoft

Note:

- The steps mentioned in this section should be performed only if you are integrating with PeopleSoft as Oracle Financials applications. If not, Please skip this section and continue with the "Deploy the ORFI Application for EBS"
- Ensure JAVA_HOME and WL_HOME variables are set in the environment. WL_HOME points to folder location till <WebLogic Installed folder>/wlserver
- Run the rfi-deployer.sh (available in \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/bin/) script to deploy the ORFI application to the WebLogic server. This script considers all the configuration values defined in previous processes.

The script takes two arguments on the command line: -setup-credentials and -deploy-rfi-app.

For example: prompt\$ sh rfi-deployer.sh - setup-credentials -deploy-rfi-app

2. After successful deployment of the ORFI application, restart the WebLogic server.

Verification

Log in to the WebLogic console and verify the deployments. The ORFI application ear (retail-financial-integration-ear-<version>.ear) should be available.

Note: The ORFI console now includes a new page "Domain Data Cross Reference" for viewing, searching, browsing the Cross References (XREF) and DVM records setup in ORFI.

					Welcome, ifiadmin
RFI: I	Domain Data Cross Reference				
В	orne Adapter Manager Domain Data	Cross Reference RELApplication Logs			
Search	Domain Data Cross Reference				
		Search By Common ID *		(foart)	
Listel	Demain Data Cross References - Uni	of exception 2001			(Frat
List of	Domain Data Cross References [No	L of records: 293]			
Comm	on		24/12		6
Comm	on Category Type	Category Type Description	Retail ID	External System ID	Ei S
Comm ID 25079	Category Type SUPPLIER_NOTIFICATION_DVM	Category Type Description SUPPLIER_NOTIFICATION			(Pet S) F()
Comm ID 25009 25010	Category Type SUPPLIER_NOTIFICATION_DVM SUPPLIER_STATUS_CODE_DVM	Category Type Description SUPPLIER_NOTIFICATION Suppler Active Status reapons A - A		External System ID	E S FU
Comm ID 25079	Category Type SUPPLER_NOTIFICATION_OVM SUPPLER_STATUS_CODE_DVM SUPPLER_STATUS_CODE_DVM	Category Type Description SUPPLIER, NOTIFICATION Suppler Active Status mapping A - A Suppler In-Active Status mapping I - I		External System ID Error Suppler Adapter Create/Update Service	E S FI E E E E E
Comm 1D 25009 25010 25011	Category Type SUPPLIER_NOTIFICATION_DVM SUPPLIER_STATUS_CODE_DVM	Category Type Description SUPPLIER_NOTIFICATION Suppler Active Status reapons A - A	MAIL_SUBJECT	External System ID	Ei S

5

EBS Database Installation Tasks

This chapter includes:

- Prerequisite
- Copy EBS Specific Files
- Create Tablespaces
- Create the ODI Staging Database User
- Create Database Link
- Run the EBS Initial Database Setup
- Verification

Prerequisite

It is assumed Oracle database has already been configured and loaded with the appropriate EBS schema details for your installation. Skip the entire section if you are integrating with PeopleSoft.

Copy EBS Specific Files

Note: You can skip the next steps and proceed to section Create Tablespaces if you can connect to EBS Database from ORFI Server using Sqlplus.

- **1.** Log in to the EBS UNIX server as a user who has sufficient access to run sqlplus from the Oracle Database installation for APPS schema.
- **2.** Create the retail-financial-integration-solution/service-based-integration folder in the <INSTALL_DIR> folder.
- From the ORFI server, copy <INSTALL_ DIR>/retail-financial-integration-solution/service-based-integration/setup-data folder to <INSTALL_ DIR>/retail-financial-integration-solution/service-based-integration folder in EBS server.

Create Tablespaces

Before you run the ODI Staging database user, make sure that the following tablespace has been created in the database: ODI_STAGE_DATA. Below is a sample tablespace creation statement for this tablespace. Oracle Retail recommends the use of locally managed tablespaces with automatic extent and segment space management.

Note: These tablespaces are not sized for a production environment. The customer's Database Administrator should create the tablespace based on their datacenter database architecture and size it appropriately based on expected data volume for their peak data usage.

```
CREATE TABLESPACE ODI_STAGE_DATA DATAFILE

'<datafile_path>/odi_stage_data01.dbf' SIZE 500M

AUTOEXTEND ON NEXT 100M MAXSIZE 2000M

EXTENT MANAGEMENT LOCAL

SEGMENT SPACE MANAGEMENT AUTO

;
```

Create the ODI Staging Database User

You must create an ODI Staging schema using a create_user.sql, included with the installer distribution. This will be used to execute the ODI Interface at run time. The create_user.sql script can be used to create the schema:

```
$INSTALL_
```

DIR/retail-financial-integration-solution/service-based-integration/setup-data/ddl/c reate_user.sql

The script takes three arguments on the command line in sqlplus: username, password, and ODI Stage tablespace.

For example:

SQL> @create_user.sql RFI_ODI_TEMP <*RFI_ODI_TEMP Schema Password*> <*ODI Stage Tablespace name*>

Please review this script and run it as a user with adequate permissions, such as SYSTEM.

Connect to RFI_ODI_TEMP schema as sysdba and grant all privileges to AP schema available on EBS Database. Grant all privileges will be used for CRUD operation in RFI_ODI_TEMP tables while running ODI interfaces.

Create Database Link

You need to create a database link to load initial data for currency rate and suppliers from Oracle E-Business Suite to the Oracle Retail Financial Integration application.

- 1. Log in to the APPS database schema in the EBS database to run create_dblink.sql script.
- Run the create_dblink.sql script available in \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/setup-data/d dl/ from EBS APPS database schema.

The script takes four arguments on the command line: DB link name (EBS_RFI_ DBLINK), ORFI schema name, ORFI schema password, and ORFI DB URL.

For example:

SQL> @create_dblink.sql <EBS_RFI_DBLINK> <ORFI Schema> <ORFI Schema Password> <ORFI DB Host:port/SID>

Note: This database link will be used to load initial data for Currency Rate and Supplier from EBS to ORFI Staging tables. If the database link name is different from the default (EBS_RFI_DBLINK), then the user needs to update the database link name in the SQL scripts which are available in retail-financial-integration-solution/etl-based-integration/ retail-to-ebsfin-etl-flows/setup-data/dml.

Run the EBS Initial Database Setup

This installer installs the ORFI related objects to the EBS APPS database schema.

Note: Ensure, sqlplus is executable with correct the configuration information to EBS database is set in your path.

 Run the load-initial-setup-data-into-ebsfin-schema.sh script available in \$INSTALL_DIR/ retail-financial-integration-solution/service-based-integration /bin/. After installation is completed, a detailed installation log file is created: \$INSTALL_DIR/ retail-financial-integration-solution/service-based-integration/logs //<timestamp>.log.

For example: prompt\$ sh load-initial-setup-data-into-ebsfin-schema.sh

sh load-initial-setup-data-into-ebsfin-schema.sh

- **2.** The installer prompts for the following details:
 - Enter the EBS database server SID Enter Database SID.
 - Enter the EBS Schema details -Enter APPS User ID/Password.
 - Enter the EBS database server name Enter Database Server Name or IP address.
 - Enter the EBS database server port Enter Database Port Number.

Note: If you get the following error, make sure you have downloaded latest version of the ORFI software from Oracle download site and the sis configured.

ERROR: ORA-12154: TNS: could not resolve the connect identifier specified.

Verification

Log in to the APPS database schema in the EBS database and verify that the RFI_ GLACCT package and package body are available in the valid status using query: "SELECT * FROM DBA_OBJECTS WHERE OBJECT_TYPE IN ('PACKAGE','PACKAGE BODY') AND OBJECT_NAME='RFI_GLACCT';".

6

EBS Event Subscription Tasks

This chapter includes:

- EBS Event Subscription Setup
- EBS Event Subscription Install

EBS Event Subscription Setup

EBS raises the following oracle.apps.ap.supplier.event business event whenever there is a creation/modification of supplier, supplier sites, and supplier contacts.

- 1. Subscribe to the Supplier business event using Java subscription.
 - a. Log in to EBS application using sysadmin.
 - **b.** Navigate to Workflow Administrator Web Applications ->Administrator Workflow ->Business Events.
 - **c.** Search for the oracle.apps.ap.supplier.event event and click **Go**.
 - d. Click Subscription.

Figure 6–1 Business Events screen

			🔹 Naripston	👻 💼 Faceles 🔍	Desprovince Hisriter Logicul	Posterances Hel
tene Developer Studio Berlinse Conta Status Honito	r Bothcations Administration					
wents Subscriptions Agents Systems	and the second		SPACE UNIVERSITY			100000000000000000000000000000000000000
Rusiness Events: Events +						
duents.						11111111111111
A business event is an occurrence in an internet or intranet applicatio you want with each other and reference them as a group in event is	or or program that might be significant to other absects in a extrem or absorptions.	to external agents. An event group i	a a type of event compose	c of a set of individual member	n events, évent propi let you as	costs any events
Search						
Name lovade application available available						
Norm (marks applies avent Semain Server (mark and deal) g Store Norm Server (Server)						
(Complex Entering "stor" inturne "stroke" and "stigate")	<u>.</u>					
Shares Seeing 'dd' ware 'dod' or 'dydr' g Share New Search Catlers					Consta Sympt. Cri	ute (west Group
Securit Control Mr. Societ and Vigital 2 March March Controls Results: Learning					Greats (vent.) Gr	ute fireet Group
Securit Control Mr. Societ and Vigital 2 March March Controls Results: Learning					_Onder (vent On	ute Tweet Group
Senar Series Series (Marcon Marcine Mager) 2 Them Series Series (Series) Results: Forentia Series Torentia Series Torentia Series (Marcon Marcon M	(m) Display Name	Type	Natus	Subscription		ute firent Group Text

- e. Click Create Subscription.
- **f.** Enter the following details:
 - System Select the System name using the LOV.
 - Source Type Local
 - Event Filter oracle.apps.ap.supplier.event
 - Phase 71 (Any number less than 99)

- Status Enabled
- Rule Data Key
- Action Type Custom
- On Error Skip to Next
- Click Next
- Java Rule Function com.oracle.retail.rfi.ebs.SupplierBES
- Owner Name Oracle Payables
- Owner Tag SQLAP

Figure 6–2 Create Subscription

ORACLE'Administrator Workflow	100		
	1 Mangalos W.	Data Parantes W	Dispositos Hone Lagost Performent Help
None Developer Mode Barmess sents Status Honizor Institution Administration			
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Baarest Deella Deella > Baarest Beella Deella > Balaraphon >			
			Concel Next
Update Event Subscriptions			
An event subcoption is a negatization indicating that a porticular event is appricant to a particular system. An event subcoption specifies the processing to perform when the toggering * and cases required field	event occurs.		
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g. Click Apply.

Figure 6–3 Apply

ORACLE	Administrator Workflow		A CONTRACTOR OF THE OWNER	🗴 Nangatat 🕶 👔 Faurtou =	Diagnostics Home Legist Preferences Help
Business Events Events > Update Event Sabecription	Dusiness Events Events + Subscriptions + Update I Caston	sed Subscriptions +			
					Cancel Bock Apply
Action					
	a the behaviour of the subscription. Provide a Java Case nam	e () for Java Rule Function an	nd a PUSQL stared procedure («Package»-	<function>) for Pt/SQL Rule Function.</function>	
	com.oracle.retal.rf.abs.SupplerBES				
PL/SQL Rule Function					
Workfow Type	A				
Workflow Process	Onese a Malifere Tupe, before channing the Malifere Process for the Tu				
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To Apent	4				
	Norma a				
Subscription Parameter	•				
Select Name No results found.				Value	
Add Another Row					
Ever parameters and that rules	with sy special				
Documentation					
* Owner Name	Oracle Payables				
* Owner Tag	52.47				
Customoton Level	Uner				
Description					
					Canoel Back Apply

EBS raises the oracle.apps.gl.CurrencyConversionRates.dailyRate.specify business event whenever there is a creation/modification of Daily Currency Rates.

2. Subscribe to the Currency business event using Java subscription.

- **a.** Log in to EBS application using sysadmin.
- **b.** Navigate to Workflow Administrator Web Applications -> Administrator Workflow -> Business Events.
- **c.** Search for the oracle.apps.gl.CurrencyConversionRates.dailyRate.specify event and click **Go**.
- d. Click Subscription.

Figure 6–4 Subscription

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sgenta, no event group is 3 type of event companies of	s set af eductual the	nber evinti. Bvert pouptie	you Babrizot any events
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- e. Click Create Subscription.
- f. Enter the following details:
 - System Select the System name using the LOV.
 - Source Type Local
 - Event Filter oracle.apps.gl.CurrencyConversionRates.dailyRate.specify
 - Phase 70 (Any number less than 99)
 - Status Enabled
 - Rule Data Key
 - Action Type Custom
 - On Error Skip to Next
 - Click Next
 - Java Rule Function com.oracle.retail.rfi.ebs.CurrencyRateBES
 - Owner Name Oracle General Ledger
 - Owner Tag SQLGL

Figure 6–5 Create Subscription

Business Events: Events -> Ipdate Event Subscriptio	Business Events : Events > Subscriptions > Update Event Subscriptions > in : Custom	
		Cancel Back
Action		
The Rule Function controls	s the behaviour of the subscription. Provide a Java Class name (<package>.<class>) for Java Rule Function and a PL/SQL stored proces</class></package>	ture (<package>, <function>) for PL/SQL Rule Function.</function></package>
	com.oracle.retail.rfl.ebs.CurrencyRate8ES	
PL/SQL Rule Function		
Workflow Type		
Warkflow Process		
	Choose a Workflow Type, before choosing the Workflow Process for that Type	
Out Agent	t 🧣 🔍	
To Agent	۱ ۹	
* Priority	y Normal 👻	
Subscription Paramete	19	
ielect Name		Value
No results found.		
Add Another Row		
Driter parameters and their value	a við vergana	
Documentation		
* Owner Name	Oracle General Ledger	
* Owner Tag		
Customization Level		
Description	8	

g. Click Apply.

Figure 6–6 Apply

		Subscriptions > Update Event Subscriptions >	
pdate Event Subscriptio	in : Custom		
			Cancel Back
Action			
The Rule Function control	the behaviour of the subscript	ion. Previde a Java Class name (<package>.<class>) for Java Rule Function and a PL/SQL stored pro</class></package>	endura (cParkana > cSuretion>) for R/501 Rule Europa
	com.oracle.retail.rfl.ebs.Cur		nonna (-Lannala-Levantnous) ini ud odr una Lannair
PL/SQL Rule Function			
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Out Agen	t [A	
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and the second second			
No results found.			Value
Add Another Row			
Enter parameters and their value	and as seen		
Documentation			
	Oracle General Ledger		
* Owner Name			
* Owner Name * Owner Tag	squal		
* Owner Tag Customization Level	User		
* Owner Tag	User		
* Owner Tag Customization Level	User	8	
* Owner Tag Customization Level	User		

- **3.** Verify that Status=ENABLED and the Licensed_flag=Y for the event and event subscription.
 - SELECT * FROM wf_events where name='<Event_Name>';
 - SELECT * from wf_event_subscriptions where event_filter_guid=(SELECT guid FROM wf_events where name='<Event_Name>);

EBS Event Subscription Install

- **1.** Log in to the EBS UNIX server
- 2. From the ORFI server, copy the <INSTALL_ DIR>/retail-financial-integration-solution/service-based-integration/target/ebs-s

ide/rfi folder to a staging folder. This folder is referred to as EBS_COMP_DIR for the remainder of this document.

Install the Business Event Handler.

1. Log in to EBS UNIX server (telnet session) and run the env file (.../apps.env).

Note: If apps.env file is not available, please check the <Instance_ name>_<Servername>.env file in folder <APPS INSTALLED FOLDER>/ apps_st/appl for the values of INST_TOP, ADMIN_ SCRIPTS_HOME, APPL_CONFIG_HOME. JAVA_TOP folder is <APPS INSTALLED FOLDER>/apps_st/comn/java/classes

For example: R12RET_rstnssiovm0050.env file in folder /u01/app/R12RET/apr12ret/applmgr/apps/apps_st/appl

2. Copy the ebs-side "rfi" folder from \$EBS_COMP_DIR to \$JAVA_TOP.

Note: The "rfi" folder is generated in the ORFI server \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/ta rget/ebs-side/

3. Go to the \$INST_TOP/appl/admin/ folder.

cd \$INST_TOP/appl/admin/

4. Edit <INSTANCE_SERVER>.xml (for example, R12RET_rstnssiovm0050.xml) file.

vi <INSTANCE_SERVER>.xml

- **5.** Add the ebs-financial-common-<version>.jar, com.oracle.webservices.wls.jaxws-owsm-client_<version>.jar, jps-wallet-all-<version>.jar, and retail-public-security-api-<version>.jar to CLASSPATH and AF_CLASSPATH variables.
- **6.** Add the retail-public-security-api-<version>.jar as the first entry in AF_ CLASSPATH.

Note: File locations used in the example are the absolute path and must be replaced to reflect the actual paths.

For example:

<CLASSPATH oa_var="s_adovar_classpath" osd="unix">/vol02/oracle/apsv1213/oracle/10.1.3/appsutil/jdk/lib/dt.jar:/vol02/ oracle/apsv1213/oracle/10.1.3/appsutil/jdk/lib/tools.jar:/vol02/oracle/apsv1213/ oracle/10.1.3/appsutil/jdk/jre/lib/rt.jar:/vol02/oracle/apsv1213/common/java/l ib/appsborg.zip:/vol02/oracle/apsv1213/oracle/10.1.2/forms/java:/vol02/oracle/a psv1213/oracle/10.1.2/forms/java/frmall.jar:/vol02/oracle/apsv1213/oracle/10.1. 2/jlib/ewt3.jar:/vol02/oracle/apsv1213/oracle/10.1.2/j2ee/OC4J_BI_ Forms/applications/formsapp/formsweb/WEB-INF/lib/frmsrv.jar:/vol02/oracle/apsv1 213/common/java/classes:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-p ublic-security-api/lib/commons-cli-1.2.jar:/vol02/oracle/apsv1 asses/rfi/retail-public-security-api/lib/commons-logging-1.1.1.jar:/vol02/oracle/apsv1 1.2.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-securityapi/lib/groovy-all-2 .1.2.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/commons-logging-1.1.1.jar:/vol02/oracle/apsv1 2.1.2.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/commons-logging-1.1.1.jar:/vol02/oracle/apsv1 2.1.2.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/commons-logging-1.1.1.jar:/vol02/oracle/apsv1 2.1.2.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retail-public-security-api/lib/common/java/classes/rfi/retailapi/lib/jps-api-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/r etail-public-security-api/lib/jps-internal-11.1.1.1.0.jar:/vol02/oracle/apsv121 3/common/java/classes/rfi/retail-public-security-api/lib/jps-common-11.1.1.1.0. jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/l ib/jps-unsupported-api-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classe s/rfi/retail-public-security-api/lib/jacc-spi-11.1.1.1.0.jar:/vol02/oracle/apsv 1213/common/java/classes/rfi/retail-public-security-api/lib/jps-ee-11.1.1.1.0.j ar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/li b/jps-manifest-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/re tail-public-security-api/lib/jps-mbeans-11.1.1.1.0.jar:/vol02/oracle/apsv1213/c ommon/java/classes/rfi/retail-public-security-api/lib/jps-upgrade-11.1.1.1.0.ja r:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib /jps-wls-11.1.1.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-publi c-security-api/lib/identitystore-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/j ava/classes/rfi/retail-public-security-api/lib/oraclepki-11.1.1.1.0.jar:/vol02/ oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/osdt_ core-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-publi c-security-api/lib/osdt cert-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-publi c-security-api/lib/sjsxp-1.0.2.jar:/vol02/oracle/apsv1213/common/java/classes/r fi/retail-public-security-api/lib/jsr173-1.0.jar:/vol02/oracle/apsv1213/common/ java/classes/rfi/rfi-ebs-event-handler/ebs-financial-common-14.1.1.jar:/vol02/o racle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/retail-pu blic-security-api-14.0.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/ret ail-public-security-api/lib/com.oracle.webservices.wls.jaxws-owsm-client_ 12.1.3-12.1.3.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-publicsecurity-api/lib/jps-wallet-all-12.1.3.jar </CLASSPATH> <AF_CLASSPATH oa_ var="s_adovar_afclasspath" osd="unix">/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-securit y-api/lib/retail-public-security-api-14.0.0.jar:/vol02/oracle/apsv1213/common/j ava/classes/rfi/retail-public-security-api/lib/commons-cli-1.2.jar:/vol02/oracl e/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/commons-loggi ng-1.1.1.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-secur ity-api/lib/groovy-all-2.1.2.jar:/vol02/oracle/apsv1213/common/java/classes/rfi /retail-public-security-api/lib/jps-api-11.1.1.1.0.jar:/vol02/oracle/apsv1213/c ommon/java/classes/rfi/retail-public-security-api/lib/jps-internal-11.1.1.1.0.j ar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/li b/jps-common-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/reta il-public-security-api/lib/jps-unsupported-api-11.1.1.1.0.jar:/vol02/oracle/aps v1213/common/java/classes/rfi/retail-public-security-api/lib/jacc-spi-11.1.1.1. 0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api /lib/jps-ee-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retai 1-public-security-api/lib/jps-manifest-11.1.1.1.0.jar:/vol02/oracle/apsv1213/co mmon/java/classes/rfi/retail-public-security-api/lib/jps-mbeans-11.1.1.1.0.jar: /vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/j ps-upgrade-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail -public-security-api/lib/jps-wls-11.1.1.jar:/vol02/oracle/apsv1213/common/java/ classes/rfi/retail-public-security-api/lib/identitystore-11.1.1.1.0.jar:/vol02/ oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/oraclepk i-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-s ecurity-api/lib/osdt_ core-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-publi c-security-api/lib/osdt_ cert-11.1.1.1.0.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-publi c-security-api/lib/sjsxp-1.0.2.jar:/vol02/oracle/apsv1213/common/java/classes/r fi/retail-public-security-api/lib/jsr173-1.0.jar:/vol02/oracle/apsv1213/common/ java/classes/rfi/rfi-ebs-event-handler/ebs-financial-common-14.1.1.jar:/vol02/o racle/apsv1213/oracle/10.1.3/appsutil/jdk/lib/dt.jar:/vol02/oracle/apsv1213/ora cle/10.1.3/appsutil/jdk/lib/tools.jar:/vol02/oracle/apsv1213/oracle/10.1.3/apps util/jdk/jre/lib/rt.jar:/vol02/oracle/apsv1213/common/java/lib/appsborg2.zip:/v

```
ol02/oracle/apsv1213/common/java/classes/rfi/retail-public-security-api/lib/com
.oracle.webservices.wls.jaxws-owsm-client_
12.1.3-12.1.3.jar:/vol02/oracle/apsv1213/common/java/classes/rfi/retail-public-
security-api/lib/jps-wallet-all-12.1.3.jar
:/vol02/oracle/apsv1213/common/java/classes</AF_CLASSPATH>
```

7. Go to \$ADMIN_SCRIPTS_HOME and run adautocfg.sh (Auto config).

cd \$ADMIN_SCRIPTS_HOME sh adautocfg.sh

- **8.** Enter the APPS user password.
- **9.** To verify the values, go to the \$APPL_CONFIG_HOME/admin folder and check CLASSPATH and AF_CLASSPATH in adovars.env.

cd \$APPL_CONFIG_HOME/admin view adovars.env

10. Stop and restart Concurrent Manager.

a. Go to \$ADMIN_SCRIPTS_HOME

cd \$ADMIN_SCRIPTS_HOME

- **b.** Run sh adcmctl stop <*db_user*>/<*db_password*> (sh adcmctl.sh stop apps/****)
- **c.** Make sure the Concurrent Manager is in "Not Active" status before running the next command. sh adcmctl status <*db_user*>/<*db_password*> (sh adcmctl.sh status apps/****)
- **d.** Run sh adcmctl start <*db_user*>/<*db_password*> ****)
- **e.** Stop and restart the server

```
sh adstpall.sh apps/****
sh adstrtal.sh apps/****
```

Note: If the Concurrent Manager is Not Active, start Concurrent Manager - sh adcmctl start apps/****

- **f.** Verify the values.
 - Close the telnet session, start a new telnet session, and run the env file (. ./apps.env)
 - **b.** echo \$CLASSPATH and \$AF_CLASSPATH The added jar file should be there.
- **11.** Stop and restart the web server.

Go to \$ADMIN_SCRIPTS_HOME.

adapcctl.sh stopall adapcctl.sh startall

7

PeopleSoft Database Installation Tasks

This chapter includes:

- Prerequisite
- Copy PeopleSoft Specific Files
- Create Tablespaces
- Create the ODI Staging Database User
- Create Database Link
- Run the PeopleSoft Initial Database Setup
- Verification

Prerequisite

It is assumed Oracle database has already been configured and loaded with the appropriate PeopleSoft schema details for your installation. Skip the entire section if you are integrating with EBS.

Copy PeopleSoft Specific Files

Note: You can skip the next steps and proceed to section Create Tablespaces if you can connect to PeopleSoft Database from ORFI Server using Sqlplus.

- **1.** Log in to the PeopleSoft UNIX server as a user who has sufficient access to run sqlplus from the Oracle Database installation for SYSADM schema.
- **2.** Create the retail-financial-integration-solution/service-based-integration folder in the <INSTALL_DIR> folder.
- From the ORFI server, copy <INSTALL_ DIR>/retail-financial-integration-solution/service-based-integration/setup-data folder to <INSTALL_ DIR>/retail-financial-integration-solution/service-based-integration folder in PeopleSoft server.

Create Tablespaces

Before you run the ODI Staging database user, make sure that the following tablespace has been created in the database: ODI_STAGE_DATA. Below is a sample tablespace creation statement for this tablespace. Oracle Retail recommends the use of locally managed tablespaces with automatic extent and segment space management.

Note: These tablespaces are not sized for a production environment. The customer's Database Administrator should create the tablespace based on their datacenter database architecture and size it appropriately based on expected data volume for their peak data usage.

```
CREATE TABLESPACE ODI_STAGE_DATA DATAFILE

'<datafile_path>/odi_stage_data01.dbf' SIZE 500M

AUTOEXTEND ON NEXT 100M MAXSIZE 2000M

EXTENT MANAGEMENT LOCAL

SEGMENT SPACE MANAGEMENT AUTO

;
```

Create the ODI Staging Database User

You must create an ODI Staging schema using a create_user.sql, included with the installer distribution. This will be used to execute the ODI Interface at run time. The create_user.sql script can be used to create the schema:

```
$INSTALL_
```

DIR/retail-financial-integration-solution/service-based-integration/setup-data/ddl/c reate_user.sql

The script takes three arguments on the command line in sqlplus: username, password, and ODI Stage tablespace.

For example:

SQL> @create_user.sql RFI_ODI_TEMP <*RFI_ODI_TEMP Schema Password*> <*ODI Stage Tablespace name*>

Please review this script and run it as a user with adequate permissions, such as SYSTEM.

Connect to RFI_ODI_TEMP schema as sysdba and grant all privileges to AP schema available on PeopleSoft Database. Grant all privileges will be used for CRUD operation in RFI_ODI_TEMP tables while running ODI interfaces.

Create Database Link

You need to create a database link to load initial data for currency rate, suppliers and payment terms from Oracle PeopleSoft Suite to the Oracle Retail Financial Integration application.

- Log in to the SYSADM database schema in the PeopleSoft database to run create_ dblink.sql script.
- Run the create_dblink.sql script available in \$INSTALL_ DIR/retail-financial-integration-solution/service-based-integration/setup-data/d dl/from PeopleSoft SYSADM database schema.

The script takes four arguments on the command line: DB link name (PSFT_RFI_ DBLINK), ORFI schema name, ORFI schema password, and ORFI DB URL.

For example:

SQL> @create_dblink.sql <PSFT_RFI_DBLINK> <ORFI Schema> <ORFI Schema Password> <ORFI DB Host:port/SID>

Note: This database link will be used to load initial data for Currency Rate, Suppliers and Payment Terms from PeopleSoft to ORFI Staging tables. If the database link name is different from the default (PSFT_RFI_DBLINK), then the user needs to update the database link name in the SQL scripts which are available in retail-financial-integration-solution/etl-based-integration/ retail-to-psftfin-etl-flows/setup-data/dml.

Run the PeopleSoft Initial Database Setup

This installer installs the ORFI related objects to the PeopleSoft SYADM database schema.

Note: Ensure, sqlplus is executable with correct the configuration information to PeopleSoft database is set in your path.

 Run the load-initial-setup-data-into-psftfin-schema.sh script available in \$INSTALL_DIR/ retail-financial-integration-solution/service-based-integration /bin/. After installation is completed, a detailed installation log file is created: \$INSTALL_DIR/logs //<timestamp>.log.

For example: prompt\$ sh load-initial-setup-data-into-psftfin-schema.sh

sh load-initial-setup-data-into-psftfin-schema.sh

- 2. The installer prompts for the following details:
 - Enter the PeopleSoft database server SID Enter Database SID.
 - Enter the PeopleSoft Schema details -Enter APPS User ID/Password.
 - Enter the PeopleSoft database server name Enter Database Server Name or IP address.
 - Enter the PeopleSoft database server port Enter Database Port Number.

Note: If you get the following error, make sure you have downloaded latest version of the ORFI software from Oracle download site and the sis configured.

ERROR: ORA-12154: TNS: could not resolve the connect identifier specified.

Verification

Log in to the SYSADM database schema in the PeopleSoft database and verify that the RFI_PS_ORT_ACCT_ENTRY_SEQ sequence is available using below query:

"SELECT * FROM ALL_OBJECTS WHERE OBJECT_NAME='RFI_PS_ORT_ACCT_ENTRY_SEQ' AND

OBJECT_TYPE='SEQUENCE';".

PeopleSoft Setup Tasks

To enable the PeopleSoft - RFI Integration the following tasks need to be completed on PeopleSoft (PSFT) side

- Integration Broker (IB) Configuration
- Importing PSFT project
- Security configuration
- Service Configuration
- Providing Web Service GL Account Validation
- Providing permission to required services

Integration Broker Configuration

This section includes:

- Prerequisites to configure IB
- Default Node
- ANONYMOUS Node Default User ID
- Activating Pub/Sub Server Domains
- Integration Broker Configuration Activities
- Verifying IB Configuration

Prerequisites to configure IB

For more information on Installation, Please refer to PeopleTools installation guide 8.5x. Database, Web Server, PeopleTools and PIA are all installed.

- 1. Application server Domain Configuration
 - Application server should have been booted with Pub/Sub Servers Yes value

Note: If the Application Server is not booted with this value, it needs to be restarted after changing Pub/Sub Servers parameter value to *Yes*.

For more information on Application Server Domain configuration, Please refer to *PeopleTools installation guide 8.5x*. Section - *Configuring the PeopleSoft Application Server*.

2. To verify the Pub/Sub parameter value:

a. Access the PSADMIN Quick-Configure menu by launching psadmin.sh from the PS_HOME\appserv directory

```
--> psadmin
PSADMIN -- PeopleTools Release: 8.53.06
Copyright (c) 1996, 2013, Oracle. All rights reserved.
PeopleSoft Server Administration
    _____
               /u00/oracle/product/PT8.53/pscfghome
 PS CFG HOME
 PS HOME
                     /u00/oracle/product/PT8.53
 PS APP HOME
                      /u00/oracle/product/FSCM92
 1) Application Server
 2) Process Scheduler
 3) Search Server
 4) Web (PIA) Server
 5) Switch Config Home
 Replicate Config Home
 q) Quit
```

b. Select option 1 [Application Server]

```
Command to execute (1-6, q): 1

PeopleSoft Application Server Administration

1) Administer a domain

2) Create a domain

3) Delete a domain

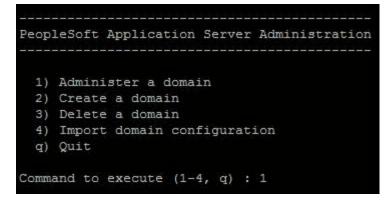
4) Import domain configuration

q) Quit

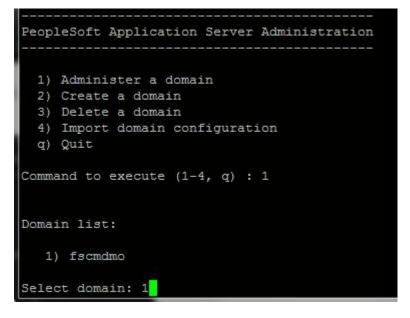
Command to execute (1-4, q) :

Please enter one of the commands (1-4, q)
```

c. Select Option 1 [Administer a domain]



d. Select the domain to configure [E.g. - fscmdmo].



- e. Select Option 4 [Configure this domain]
 - **a.** The system will prompt "This option will shut down the Domain. Do you want to continue? (y/n) [n]:"
 - **b.** Select "y" to shut down the domain

PeopleSoft Domain Administration
Domain Name: faondmo
1) Boot this domain
 Domain shutdown menu
 Domain status menu
 Configure this domain
5) TUXEDO command line (tmadmin)
Edit configuration/log files menu
 Messaging Server Administration menu
8) Parge Cache
 Preload Cache
10) Clean IPC resources of this domain
q) Quit
Command to execute (1-10, q) : 4
This option will shutdown the domain.
Do you want to continue? (y/m) [m] :y
tmadmin - Copyright (c) 1996-2010 Oracle.
Portions * Copyright 1986-1997 RSA Data Security, Inc.
All Rights Reserved.
Distributed under license by Oracle.
Tuxedo is a registered trademark.
> TNFO: Oracle Tumedo, Version 11.1.1.3.0, 64-bit, Patch Level (none)
Booting admin processes
exec BBL -A :
CMDTUX CAT:821: INFO: Duplicate server.
0 processes started.
> Shutting down all admin and server processes in /u00/oracle/product/PT8.53/psofghome/appserv/fscmdmo/PSTUXCPG
Soutting down server processes

```
Shutting down admin processes ...
                  Server Id = 0 Group Id = msp52229 Machine = msp52229: shutdown succeeded
28 processes stopped.
All domain processes have stopped.
Quick-configure menu -- domain: fscmdmo
          Features
                                                                                Settings

      1) Pub/Sub Servers : Yes
      16) DENAME : [fscmdmo]

      2) Quick Server : No
      17) DETYPE : [ORACLE]

      3) Query Servers : No
      18) UserId : [PTWEBSERVER]

      4) Jolt : Yes
      19) UserPswd : [peoplesoft]

      5) Jolt Relay : No
      20) DomainID : [TESTSERV]

      6) WSL : No
      21) AddToPATH : [/u00/oracle/product/11.2.0.3/bin]

      7) PC Debugger : No
      22) ConnectID : [PEOPLE]

      8) Event Notification: No
      23) ConnectPswd: [people]

      9) MCF Servers : No
      24) ServerName : []

      10) Perf Collator : No
      25) DomainConnectPswd: []

      11) Analytic Servers : No
      26) WSL Port : [7000]

      12) Domains Gateway : No
      27) JSL Port : [9000]

      28) JRAD Port : [9100]

                                                                                *********
                                                                      28) JRAD Port : [9100]
             Actions
  13) Load config as shown
  14) Custom configuration
  15) Edit environment settings
   h) Help for this menu
    q) Return to previous menu
HINT: Enter 15 to edit DBNAME, then 13 to load
 Enter selection (1-28, h, or q):
```

f. Confirm that Pub/Sub Servers parameter value is set to Yes. If not select 1 to change the value to Yes.

	Features				Settings	
1)	Pub/Sub Servers	:	Yes	16)	DBNAME	:[fscmdmo]
2)	Quick Server	:	No	17)	DBTYPE	:[ORACLE]
3)	Query Servers		No	18)	UserId	: [PTWEBSERVER]
4)	Jolt		Yes	19)	UserPswd	:[peoplesoft]
5)	Jolt Relay		No	20)	DomainID	: [TESTSERV]
6)	WSL		No	21)	AddToPATH	:[/u00/oracle/product/11.2.0.3/bin
7)	PC Debugger		No	22)	ConnectID	: [PEOPLE]
8)	Event Notification		No	23)	ConnectPswd	i: [people]
9)	MCF Servers		No	24)	ServerName	: []
10)	Perf Collator		No	25)	DomainConne	ctPswd:[]
11)	Analytic Servers		No	26)	WSL Port	:[7000]
12)	Domains Gateway		No	27)	JSL Port	:[9000]
				28)	JRAD Port	: [9100]

g. If the value is changed ,**select option 13 to load the new configuration**. If it is not changed, **select q to return to previous menu.**

	Actions
13)	Load config as shown
14)	Custom configuration
15)	Edit environment settings
h)	Help for this menu
q)	Return to previous menu
HINT	Enter 15 to edit DBNAME, then 13 to load
Enter	r selection (1-28, h, or q):

- **h.** Select Option 1 to boot the domain.
 - a. System will prompt for user Options
 - 1) Boot (Serial Boot)
 - 2) Parallel boot
 - q) Quit
 - **b.** Select Option 1 [Serial Boot] to boot.

```
PeopleSoft Domain Administration
    Domain Name: fscmdmo
 1) Boot this domain
 2) Domain shutdown menu
 3) Domain status menu
 4) Configure this domain
 5) TUXEDO command line (tmadmin)
 6) Edit configuration/log files menu
 7) Messaging Server Administration menu
 8) Purge Cache
 9) Preload Cache
10) Clean IPC resources of this domain
 q) Quit
Command to execute (1-10, q) : 1
PeopleSoft Domain Boot Menu
  Domain Name: fscmdmo
 1) Boot (Serial Boot)
 2) Parallel Boot
 q) Quit
Command to execute (1-2, q) [q]: 1
```

c. Exit from Configuration

Enter q to exit from Domain Administration menu Enter q to exit from Application Server Administration menu Enter q to exit from PeopleSoft Server Administration menu

27 processes started.
PeopleSoft Domain Administration
Domain Name: fscmdmo
1) Boot this domain 2) Domain shutdown menu
3) Domain status menu
Configure this domain
5) TUXEDO command line (tmadmin)
Edit configuration/log files menu
Messaging Server Administration menu
8) Purge Cache
9) Preload Cache
10) Clean IPC resources of this domain
q) Quit
Command to execute (1-10, q) : q
PeopleSoft Application Server Administration
1) Administer a domain
2) Create a domain
3) Delete a domain
 Import domain configuration
q) Quit
Command to execute (1-4, q) : q

```
_____
PeopleSoft Application Server Administration
  1) Administer a domain
  2) Create a domain
  3) Delete a domain
  4) Import domain configuration
  q) Quit
Command to execute (1-4, q) : q
PeopleSoft Server Administration
  PS_CFG_HOME/u00/oracle/product/PT8.53/pscfghomePS_HOME/u00/oracle/product/PT8.53PS_APP_HOME/u00/oracle/product/FSCM92
  1) Application Server
  2) Process Scheduler
  3) Search Server
  4) Web (PIA) Server
  5) Switch Config Home
  6) Replicate Config Home
  q) Quit
Command to execute (1-6, q): q
msp52229:[sqlnet] /u00/oracle>
```

Default Node

Each database involved in integration must contain a default local node definition which needs to be Active. The default authentication option to be set as required. In case of Password Node's UserId and Password values need to be configured.

Navigation: PeopleTools -> Integration Broker -> Integration Setup à Nodes

1. Search and Open the default node (e.g. PSFT_EP).

Favorites - Main Menu -	PeopleTools *> Integration Broker *> Integration Setup *> Nodes g
ORACLE	
Nodes	
Enter any information you have a	nd click Search. Leave fields blank for a list of all values.
Find an Existing Value	dd a New Value
* Search Criteria	
Search by: Node Name •	begins wth PSFT_EP
🗐 Include History 🛛 Correc	-t History
Search Advanced Search	
Search Results	
View All	First (1 of 1 (Last

2. Make the changes and Save the page.

Figure 8–2 Default Node

e Definitions Qonnectors	Portal WS Securi	ty Routings	
Node Name	PSFT_EP		Copy Node
*Description	Financials/Supply Cha		Rename Node
Node Type	PIA	Default Local Node	
*Authentication Option	Password	Active Node	
Node Password		-	
*Default User ID	VP1	9	
Hub Node		2	
Master Node		Q.	
Company ID			
IB Throttle Threshold			
Image Name		A .	
Codeset Group Name		0	

ANONYMOUS Node - Default User ID

PeopleSoft uses the Anonymous node when receiving messages from third party system. The user need to verify the default user ID configured for this node is valid.

Navigation: Main Menu à PeopleTools -> Integration Broker -> Integration Setup -> Nodes

1. Search for ANONYMOUS node and open it.

Figure 8–3 Anonymous Node

ORACLE	u - PeopleTools -> Integration Broker -> Integration Setup -> Nodes 2
Nodes	
Enter any information you have	e and click Search. Leave fields blank for a list of all values.
Find an Existing Value	Add a New Value
* Search Criteria	
Search by: Node Name	[begins with AND
🗆 Include History 🚿 Cor	rrect History
Search Advanced Sear	rch
Search Results	
	Fist (a) tott (b) Last
View All Node Name Description	Local Node Default Local Node Node Type

2. Verify the Default User ID is valid. E.g. VP1

DRACLE			
Node Definitions Connectors	Portal WS Security	loutings	
Node Name	ANONYMOUS		Copy Node
*Description	Used internally by IB system.		Rename Nod
"Node Type	External •	Default Local Node Local Node	Delete Node
*Authentication Option	None	Active Node Non-Repudiation Segment Aware	
Default User ID	VPI	9.	
WSIL URL			
Hub Node		a.	
Master Node		a.	
Company ID			
IB Throttle Threshold			
Image Name		9.	
Codeset Group Name		a.	
External User ID			
External Password			
External Version			

Figure 8–4 Verify

Activating Pub/Sub Server Domains

Prerequisites for Activating the Pub/Sub Server Domain:

To activate the pub/sub server domains, the pub/sub server option in the PSADMIN domain configuration, 1.) Pub/Sub Servers, must be set to Yes.

For more information on Application Server Domain configuration, Please refer to Enterprise 8.5x PeopleBook: Integration Broker Administration section - Activating Pub/Sub Server Domains.

To Activate the Domain:

Navigation: PeopleTools -> Integration Broker -> Service Operation Monitor -> Administration -> Domain Status

- **1.** Click Purge domain status button.
- 2. From the Domain Status drop-down list, select Active.
- **3.** Click the Update button.
- 4. Click the Refresh button.

Note:

Three dispatcher processes should appear in the Dispatcher Status grid with the status of active (ACT).

On occasion it may take a few moments for the processes to start. If the processes don't immediately appear in the grid, wait a few moments and click the Refresh button again.

If the three processes appear in Dispatcher Status grid, but with the status of inactive (INACT), click the Update button.

Figure 8–5 Domain Status

Status Update	E All Dum E All Dum Set Up Fail	itor all Comains (Minutes) alles Active alles Inactive over		Fallover I	Snabled		
	E All Dum E All Dum Set Up Fail	uains Active uains inactive		Fallover (inabled		
	E All Dum E All Dum Set Up Fail	uains Active uains inactive		Failover 0	inabled		
	Stave Terry	e Load Balance pates					
			Personalize	Find Vie	A (0) 15	Fest & Lot 1 it	Last
Unchine Re	Application Serve	er Path		Domain Status	Grace Period	Save Indicator	
_	A00bradebrod	uctPTE \$300 ctyhornelises	senfordre	Adhe			View Domain Queue Sets
		Personalize Find C	B I Fer	1 1 1.34	ta A Last		
10092,dtt 10092,dtt	A00/brade/productPTE-52 A00/brade/productPTE-52	Spadghomelappaevilion Spadghomelappaevilion	Status St ndmo ACT ndmo ACT	ring Date1	Time Stamp		
	ther lane NOSP.,m 805P.,m	AdDitradelprod toher liame Application Server Path b00P_dt AdDitradelproductPTE 5 800P_dt AdDitradelproductPTE 5	Additischepisdud9718_33bisdphonester Personalitie Fine (2 Adder Keine Application Server Path RODP_dt Additiscs Server Path RODP_dt Additiscs Server Path RODP_dt Additiscs Server Path	According to the real of	Number Same Application Server Path Density Interest Autorizació/product/PTB \$15xcd/twn/stgszen/torchom Anter. Pranadita / Ref.(2) Ref.(2) Ref.(2) Autorizació/product/PTB \$15xcd/twn/stgszen/torchom A/T Notorizació/product/PTB \$15xcd/twn/stgszen/torchom A/T Notorizació/product/PTB \$15xcd/twn/stgszen/torchom A/T Notorizació/product/PTB \$15xcd/twn/stgszen/torchom A/T Notorizació/product/PTB \$15xcd/twn/stgszen/torchom A/T Notorizació/product/PTB \$15xcd/twn/stgszen/torchom A/T	Backbox Same Applications Samer Path Dense Masks Communication Personality Fact (%) - 53 - 35 - 35 - 35 - 35 - 35 - 35 - 3	Bischer Jahre Application Server Path Binker Creating AutomaticiphotustPTE SSpecifylamellopesen/bondme AutomaticiphotustPTE SSpecifylamellopesen/bondme AutomaticiphotustPTE SSpecifylamellopesen/bondme Binker Bink

Integration Broker Configuration Activities

	12 eenngalaien /ie	
SI No	Activity	Description
1	Set up gateway	Define the gateway URL and load target connectors.
		Register nodes on the local gateway.
		Define integration gateway keystore values.
2	Add target locations.	Define the schema namespace and the service namespace.
		Define the target location.

Table 8–1 IB Configuration Activities

- **1.** Set up the Gateway.
 - a. Define the gateway URL and load Target Connectors.

The integration gateway URL specifies the location of the PeopleSoft listening connector used to "listen" for inbound request/integrations. The target connectors handle outbound requests/integrations.

Navigation: PeopleTools -> Integration Broker -> Configuration -> Gateways.

b. Configure URL field value.

Enter the gateway URL in the following format

http://<machinename>:<port>/PSIGW/PeopleSoftListeningConnector

Note: The machine name is the name of the machine where PIA is installed. By default the port number is 80 for HTTP and 443 for HTTPS. If using the default port number, no need to specify it in the URL. (Ensure to have the correct port numbers specified at the time of PeopleSoft installation.

Figure 8–6 Gateways

DRACLE							
Gateways							
Gateway ID L	OCAL		Inbound Gateways				
🗹 Local	Gateway	Load Balancer	JMS Administration				
URL			Ping Gateway				
ateway Setup Propertie Load Gatewa							
Connectors			Personalize Find 🕮 🏙	FI	rst 1 of 1	0.1	as
*Connector ID	Description		*Connector Class Name				
1					Properties	+	G

Figure 8–7 Enter URL

	CLE		
Calar	101/0		
Gatev	vays		
Gatev	Gateway ID LOCAL		Inbound Gateways
Gatev	-	Load Balancer	Inbound Gateways JMS Administratio

For example:

http://peoplesofthost.example:7777/PSIGW/PeopleSoftListeningConnect
or

c. Check the Gateway Communication.

Click on "Ping Gateway" button and check the status. A successful ping means that the system can properly communicate with the gateway. If the ping is not successful, check that the correct URL is entered and that it is entered in the proper format.

Figure 8–8 Ping Gateway

Favorites -	Main Menu - > Peopl	eTools *> Integration Broker *> Configuration *	> Gateways
ORACI	LE		
Gateway	/5		
Ga	teway ID LOCAL		Inbound Gateways
	Cocal Gateway	Load Balancer	JMS Administration
U	RL	7777/PSIGW/PeopleSoftListeningConne	Ping Gateway
And in case of the local division of the loc	tup Properties		
PeopleSof	t Integration Gateway - Goog		
D	77	77/PSIGW/PeopleSoftListeningConnecto	r
Peop	leSoft Integ	gration Gateway	
PeopleSoft	Listening Connector		
Tools Vers Status:ACT	ion : 8.53.06		

d. Load Gateway Connectors.

Click the Load Gateway Connectors button. A message appears that indicates the connectors were successfully loaded.

Figure 8–9 Load Gateway Connectors

ORACLE		
Gateways		
Gateway ID LOCAL		Inbound Gateways
🗷 Local Gateway	Load Balancer	JMS Administration
URL	7777/PSIGW/PeopleSoftListeningConne	Ping Gateway
Gateway Setup Properties		
Load Gateway Connectors		

Figure 8–10 Load Gateway Connectors

Sateways						
Gateway ID LOCAL			Indound Gateways			
E Local Gatew	ay	C Load Balancer	JAIS Administration			
URL		7777/PSiGt//PeopleSoftListeningConne	Ping Gateway			
Jateway Setup Properties						
Load Gateway Conn	rectors					
Connectors Connector ID	Description	Personalo 'Connector Clas	a Find 🕮 🔠 🛛 Finst	8 1-12 of 12	e u	ast
1 ASZTARGET		AS2TargetConn	edor	Properties	•	-
2 EXAMPLETARGETCONNO		ExampleTargetC	Connector	Properties	+	Ξ
3 FILEOUTPUT		SimpleFileTarpe	#Connector	Properties		-
4 FTPTARGET		FTPTargetConn	ector	Properties	•	Ξ
5 GETMAIL TARGET		GetMailTargetCo	onnedor	Properties	٠	-
6 HTTPTARGET		HtpTargetConn	edor	Properties	٠	-
7 (MISTARGET		UMSTargetConn	edar	Properties	۲	-
8 PSFT81TARGET		ApplicationMess	agingTargetConnector	Properties	٠	
9 PSFTTARGET		PeopleSoftTarp	#Connector	Properties	۲	
10 RIDCTARGET		RIDCTargetCon	nector	Properties	۲	
11 SETPTARGET		SFTPTargetCon	nedor	Properties	۲	-
12 SMTPTARGET		SMTPTargetCon	nedor	Properties	•	

2. Register Nodes on the Local Gateway.

To register nodes on the local gateway:

a. On the Gateways page, click the **Gateway Setup Properties link**. The Gateway Properties page appears.

Gateway ID LOC IE Local Ga		CLoad Balancer	Indound Gateways JAIS Administration Pring Gateway
Load Gateway C	and the second second		
Connectors "Connector ID 1 Ad2TARGET 2 EXAMPLETARGETCO	Description	Sign on b	vay Properties a access integrationCateway properties the uit user (0 is "administrator"
3 FILEOUTPUT 4 FTPTARGET 5 GETMALTARGET			User D advanstrator Password Change Password
6 HTTPTARGET 7 JMSTARGET 8 PSFT81TARGET 9 PSFTTARGET			
10 REDCTARGET 11 ISFTPTARGET 12 ISMTPTARGET			Cancel Properties (#)

Figure 8–11 Gateway Setup Properties

- **b.** Enter the user ID and password for the integration gateway. These credentials were defined when PIA was installed.
 - In the User ID field, enter the gateway user ID.
 - In the Password field, enter the gateway password.
 - Click the OK button.

The PeopleSoft Node Configuration page appears.

In the Gateway Default App Server grid, define the following:

In the App Server URL field enter the machine name and Jolt port of the application server.

The format is //<machinename>:<port>.

For Example: //peoplesofthost.example:9000.

- In the User ID field, enter the application server user ID.
- In the Password field, enter the application server password.
- In the Tools Release field, enter the release number of the PeopleTools version installed. For example: 8.53.06.
- In the Domain Password field, enter the domain password if one was defined when the application server was configured.
- **c.** In the PeopleSoft Nodes grid, define the following fields for the local default node.

Note: Depending on the technology you're using, you may need to define other PeopleSoft nodes in the grid.

- In the Node Name field, enter the name of the local default node.

- In the App Server URL field enter the machine name and Jolt port of the application server.

The format is //<machinename>:<port>.

An example is //peoplesofthost.example:9000.

- In the User ID field, enter the application server user ID.
- In the Password field, enter the application server password.
- In the Tools Release field, enter the release number of the PeopleTools version installed. For example, 8.53.06.
- In the Domain Password field, enter the domain password if one was defined when the application server was configured.
- **d.** Click the Ping Node button.

A successful ping means that the integration gateway can communicate with the node. If the ping is not successful, PSAdmin needs to check the installation details regarding the gateway.

Figure 8–12 Ping Node

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Figure 8–13 Ping Node

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3. Define Integration Gateway Keystore Values

The keystore password value in the integration gateway properties file needs to be encrypted. The path to the keystore is populated during the PIA installation process, but it's good practice to confirm that the path is accurate during this task. **Note:** Integrations will fail if you do not enter an encrypted keystore password for the secureFileKeystorePasswd property.

For example: The following code snippet shows an example of the keystore values before they are configured:

secureFileKeystorePath=
/u00/oracle/product/PT8.53/webserv/FSCMDMO/piaconfig/keystore/pskey
#secureFileKeystorePasswd=

To configure these settings confirm that the path to the keystore is correct. Next, encrypt the keystore password with the provide encryption utility, uncomment the secureKeystorePasswd property, and set the property equal to the encrypted password.

For example: The following code snippet shows an example of the keystore values after they are properly configured:

```
secureFileKeystorePath=
secureFileKeystorePath=/u00/oracle/product/PT8.53/webserv/FSCMDMO/piaconfig/key
store/pskey
secureFileKeystorePasswd={V1.1}7m4OtVwMGDyLc1j6pZG69Q==
```

- 4. Define integration gateway keystore values.
 - **a.** From the PeopleSoft Node Configuration page, click the Advanced Properties Page link.

The Gateway Properties page appears.

- **b.** Scroll to the ## Integration Gateway CERTIFICATE Section of the file.
- **c.** Locate the secureFileKeystorePath property.
- **d.** Confirm the keystore path setting:
 - **a.** Uncomment the secureFileKeystorePath property if it is not already uncommented.
 - **b.** Confirm that the path defined for the keystore path is accurate.
- e. Enter an encrypted keystore password.
- f. Expand the Password Encryption utility at the bottom of the page.
 - **a.** In the Password field, enter the keystore password.

Note: Password should be the domain password set at time of

- **b.** In the Confirm Password field, enter the password again.
- **c.** Click the Enter button to encrypt the password.

The encrypted password appears in the Encrypted Password field.

- **d.** Copy the value in the Encrypted Password field to the clipboard.
- e. Navigate back to the secureFileKeystorePasswd property in the file.
- **f.** Uncomment the property and paste the encrypted value, setting the property equal to the encrypted value.
- **g.** Click the OK button

- 5. Encrypt a password using the Password Encryption Utility.
 - **a.** On the page where you are working, click the Password Encryption Utility arrow to display the dialog box.
 - **b.** In the Password field, enter a password.
 - **c.** In the Confirm Password field, enter the password again.
 - **d.** Click the Encrypt button. The encrypted password displays in the Encrypted Password field.
 - **e.** From the Encrypted Password field, cut the encrypted password and paste it into the appropriate location

Figure 8–14 Password Encryption Utility

Password Encryption Utility	
Password	Confirm Password
Encrypt Encrypted Password:	

Figure 8–15 Password Encryption

RACLE								Parte
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+ FORMULT		PeopleCut Nade	App Server 280.	Darr D	Personal	Tranta Reference	New Add (27) 12	Peet & Latt & Last
CATERNAL THROUGH		PU1_0P	Proprietable on analysis on Page Cancel Save		(and a	8.03.08		Peghola II 3

Figure 8–16 Password Encryption

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Construction C			IB Galeway Properties
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Control Contro Control Control Control Control Control Control Control Control Co		PeopleSoft Node Configuration	
any El Mischool Angele and Angele	reactor 21 Description	Gammay Delast App. Server	profit: "g" is needed # Use the sugglish encryption shift to provide an encrypted paraword for the entry
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		38191apeConado	

- **6.** Add the Target Location.
 - a. Define the schema namespace and the service namespace

Namespaces provide a method for qualifying element and attribute names that are used in XML documents and are identified by Uniform Resource Identifier (URI) references.

To define the schema namespace and the service namespace, use the Service Configuration page. To access the page selectPeopleTools, then selectIntegration Broker, then selectIntegration Network WorkCenter, then selectIB Configure Network and click theAdd Target Location(s) link in the left navigation pane.

PeopleTools provides the following default namespaces:

Service Namespace	http://xmlns.oracle.c om/Enterprise/Tools /services
Schema Namespace	http://xmlns.oracle.c om/Enterprise/Tools /schemas

You can use the default values or define different values.

To define the schema namespace and the service namespace:

- **a.** Access the Integration Broker Configuration activity guide (selectPeopleTools, then selectIntegration Broker, then selectIntegration Network WorkCenter, then selectIB Configure Network).
- **b.** In the left navigation pane click Add Target Location(s).
- **c.** The Service Configuration page appears.
- **d.** In the Service Namespace field, enter the service namespace.
- e. In the Schema Namespace field, enter the schema namespace.
- f. Click the Save button.
- b. Configure Target and Secure Target Location

Target locations are URLs that PeopleSoft Integration Broker uses to build and validate XML message schemas, export WSDL documents, and as the SOAP endpoint. For REST services, target locations are URLS that PeopleSoft Integration Broker uses to export WADL documents and as the REST endpoint.

In general, the URL you specify as a target location should be an unsecured URL. If you need to enter secure target URLs, please see the product documentation for additional information before proceeding. You need to set the REST target location only if performing integrations with REST-based services.

Use the Target Locations page to define target locations. To access the page, click the Set Target Locations link on the Service Configuration page or

Navigation: PeopleTools -> Integration Broker -> Configuration -> Service Configuration

The Target Locations page provides examples of the format to enter for the target location.

c. The primary example shows how to enter the target location if you are using a dedicated integration gateway.

- **d.** The alternate example shows the format to use if the default local node points to a different gateway where WSDL documents and XSD schemas are available. Providing an alternate example is always optional
- **7.** Define target locations.
 - **a.** On the Service Configuration page, click the Set Target Locations link.
 - **b.** The Target Locations page appears.
 - **c.** In the Web Services Target Locations box, in the Target Locations field enter the target location, following the example format shown. Note that the port value you enter is the HTTP port.

Note: Port should be the port number referred in application URL

d. If REST Services are used: In the REST Target Locations box, in the Target Locations field enter the target location of REST services, following the example format shown. Note that the port value you enter is the HTTP port.

Note: Port should be the port number referred in application URL

e. Click the OK button.

The Service Configuration page appears.

Figure 8–17 Service Configuration

avorites - Main M	enu ≁ → PeopleTools	*> Integration Broker	Configuration *> Service Configuration
Service Configuration	UDDI Configuration	Restricted Services	Exclude PSFT Auth Token
3	Service Namespace	http://wnins.oracle.com/	EnterpriseFSCM/service
	Schema Namespace	http://xmins.oracle.com/	Enterprise/FSCM/schema
*Se	rvice System Status	Development	*
		Enable Multi-queue	
*WSDL Ge	neration Alias Check	None	•
	Last Updated	Target Location(s) Required Setup Target Locations	ired for Web Services Last Update Date

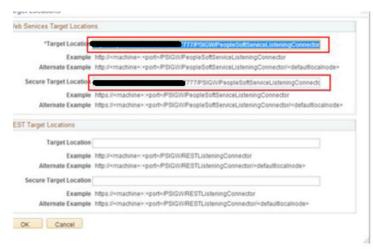


Figure 8–18 Target Locations

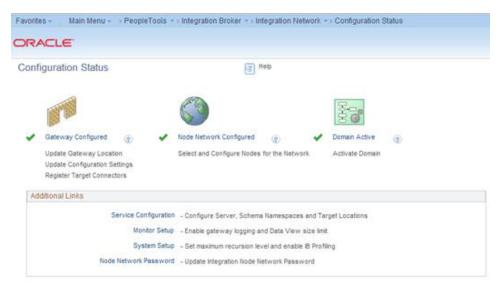
Verifying IB Configuration

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Integration Network -> Configuration Status

All Status should be active.

- Gateway Configured
- Node Network configured
- Domain Active

Figure 8–19 Configuration Status



Importing PSFT Project

Importing the project can be done using Application Designer tool. Open the application designer from any windows work station. Refer the below screenshots.

Navigation: All Programs -> PeopleTools 8.x -> Application Designer

Figure 8–20 Application Designer

PeopleTools 8.5	
X Application Designer	
🎄 Configuration Manager	
Startup	
JUItraVNC	
WCF RIA Services V1.0 SP1	
📙 WinZip	-
4 Back	
Search programs and files	Q

1. Enter the PeopleSoft DB name (E.g. PSDVOLS1), Application User Id and Password (E.g. VP1/VP1)

Figure 8–21 Signon

ignon	
ORACLE	PeopleTools 8.53.06
Enter Signon Information Below:	
Connection Type:	Oracle.
Database Name:	
User ID:	VP1
Password:	•••
	OK Cancel
Copyright @ 1988,2013, Oracle a	nd/or its affiliates. All rights reserved.

e	Edi	t 1	View	Inser	t f	Build	De	bug	Tools	Go	W	indow	н	elp					
1	6	0	0	6	X	100	8	iii)	6 🖪		•	X E	T	1	(4)	0 ¹ *() ()+	0	
1	Ur	ntitle	ed		-	-	-	-		-	-		-						
-	R D	eve	elop	nent	Ö	Upp	rade							_					
-		-	-		-			_							100				

Figure 8–22 Application Designer

Opening project ...

2. Copy the project file (zip file) in any folder in the workstation available under the <INSTALL_

DIR>/psft-financial/psft-integration-broker/src/main/resources/RFI_PSFT_ CONNECTOR

Figure 8–23 Copy Project File

<u>.</u>	MSP52141	► Local Disk ((C:) + tmp_psft +			,
Organize 👻	🛄 Open i	with WinZip 💌	Print New folder			
🚖 Favorites	-	Name	<u>^</u>	Date modified	Туре	Size
Desktop		RFI_PSFT	CONNECTOR.zip	3/7/2014 9:59 PM	WinZip File	109 K

3. Unzip the file in any folder as required

Figure 8–24 Unzip File

300 10		Local Disk (C:) + tmp_psft +			
Organize •	Dpen	Include in library Share with	New folder		
* Favorites	-	Name	Date modified	Type	Size
E Desktop		RFLPSFT_CONNECTOR	3/10/2014 11:38 PM	File folder	
Contract Place Recent Place		RFL.PSFT_CONNECTOR.sip	3/7/2014 9:59 PM	WinZip File	109 KI

a. Copying Project from a File

The Copy Project From File command in the Tools menu imports PeopleTools definitions and the project definition from a file that was previously copied by using the Copy To File feature.

This section discusses how to:

- Copy a project that does not exist in the database from a file.
- Copy a project that does exist in the database from a file.
- **b.** Copy a project that does not exist in the database from a file.
 - a. Select select Tools, then select Copy Project, then select From File.
 - **b.** The Copy From File: Select Project dialog box appears.
 - c. Browse to locate the project file or select the file from the Projects list.

Note:

- You can use the Open button to open folders while browsing. It does not open the project file and begin the copy process.
- You can copy only one project from a file at a time.

Figure 8–25 Copy Project From File

1 2 2 2 4 4 6 6 6 6	Validate Syntax		¥ 3	8
	Validate Project			-
3 Untitled	Validate Database WSRP			
	Compile all PeopleCode			
	Compile Project PeopleCode			
	Diff/Merge Project PeopleCode	•		
	Diff/Merge External Text	•		
	Compare and Report			
	Copy Project	•		To Database
	Data Administration	•		To File
	Change Control			From File
	Upgrade	- >		
	Miscellaneous Definitions	•		
	Bulk Operations	•		
	Options			
	Create Change Package			
	Finalize Change Package			

d. Select the Project File Folder

1 2 8 0 6 X 4 8 1	Copy From Fil	e : Select Project		
③ Untitled	Look in	🌡 tmp_psit	• 🗿 🛊 🖻 🗔 •	
en al contractor	(Carl	Name	Date modified	Type
	Recent Places	RFLPSFT_CONNECTOR	3/10/2014 11:38 PM	File folde
	Desktop			
	Libraries			
	1			
🗱 Development 👔 Upgrade	MSP52141			
		e		
	Network	• [
		File name:		Open Cancel
	Select Project Inc	m the List Relow	, L	cance
$\downarrow \geq \Lambda$ Build λ Upgrade λ Results λ	HEFERICO			

Figure 8–26 Select Project File Folder

e. Select the Override Pre-Requisites check box if required.

You can select the Override Pre-Requisites check box if you want the system not to check for project prerequisites and apply the project regardless of prerequisites that have not been applied.

f. Click Copy.

There are two phases to the Import process: content on the XML file is written to the system cache directory (as specified in the PeopleSoft Configuration Manager) under a stage directory for the current database. Then the cache is copied to the database. When the import is complete, the cache files are deleted.

The Progress dialog box shows the progress of the Copy process as it copies each definition from the export directory into the attached database. When the Copy from File process successfully completes, the system creates a new project definition from the PeopleTools definitions in the current database. Copy process result details will be shown in Application designer local window.

Figure 8–27 Copy

2 Development	Local string JBST_Dis_Desult3561

If you click the Cancel button before copying the project, the project becomes invalid and the system deletes the project reference from the database.

Note: The below mentioned section can be skippedif previously mentioned steps are executed i.e. Copy a project that does not exist in the database from a file are executed

c. Copy a project that does exist in the database from a file.

The process for copying a project from a file when a project of the same name exists in the database is slightly different. After selecting Tools, Copy Project, From File and a project of the same name already exists in the database to which you are currently signed on, the following dialog box appears.

Figure 8–28 Copy From File

Project Q846SRCE	already exists on database Q846SRCE
	e the current project definition from the database,
	he existing project with the definition from file.
Use Project De	finition from:
💽 <u>F</u> ile	
C <u>D</u> atabase	
	overwrite existing database project definition, and use the and Take Action flags as set in the File project definition.

This prompt enables you to specify which project definition to use, the one stored in the database to which you are signed on or the one stored in the file from which you intend to copy. Keep in mind that the project definition is the metadata of the project and determines which definitions (pages, fields, records, and so on) are members of the project.

4. Build Project Objects.

After importing the project, all record objects [Tables and Views] need to be built from Application Designer.

a. Open [Ctrl + O] project definition - RFI_PSFT_CONNECTOR

Note: If RFI_PSFT_CONNECTION project is already opened, skip this step. Same can be checked on the left side panel.

Figure 8–29 Build Project Objects

Open Definition	
Definition Project •	Open
Selection Citiene Name RR_PSFT_CONNECTOR Desception	Carcel New Search

b. All record objects in project RFI_PSFT_CONNECTOR needs to be built. Select Build à Project menu.

Figure 8–30 Project

Edit View Insert	Build Debug Tools	_Go Window Help
	Project	
PRFI_PSFT_CONNEC	Settings	
Application Pac		
🗄 🦲 Components	5	
🗄 🦲 Menus		
🗐 🦲 Messages		
T T		

c. App Designer will list all the record objects to build. Select options as below.

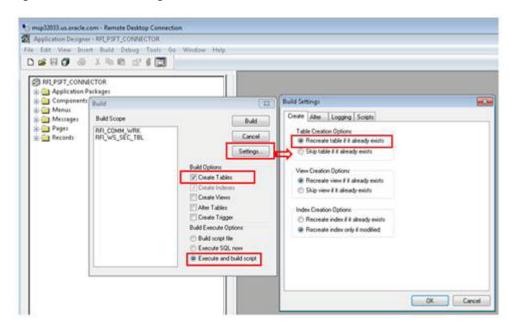
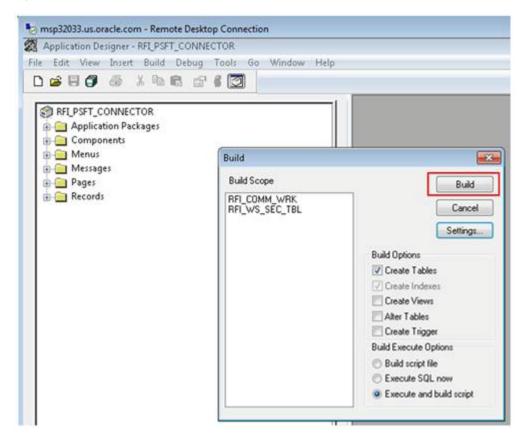


Figure 8–31 Build Settings

d. Click on Build button to build the records.

Figure 8–32 Build



The following system message appears: "Potential data destructive settings are active. Continue the build process?"

e. Click yes to continue.

Figure 8–33 Build

Build Scope	6 	Build
rfi_comm_ rfi_invoic rfi_ws_se	E_WRK	Cance
plication l	Designer	
	A	
2		uctive settings are active. Continue uild process? (76,43) No Explain
?	the bu	uild process? (76,43) No Explain Build Execute Options
Po	the bu	uild process? (76,43)

The log file should show one record processed, o errors, o warnings. If any error, click on PSBUILD.log to know more details.

f. If the system throws any error during Build process, refer the Error Handling / Validation section [Error When Building the Project Objects] for solution.

 State
 View Inset Build Debug Tools Go Window Help

 Bit Edit View Inset Build Debug Tools Go Window Help

 Bit FUPST_CONNECTOR

 Application Package:

 Menus

 Menus

 Menus

 Records

 Pages

 <t

Figure 8–34 Build Error

g. After checking the log details close the log file.

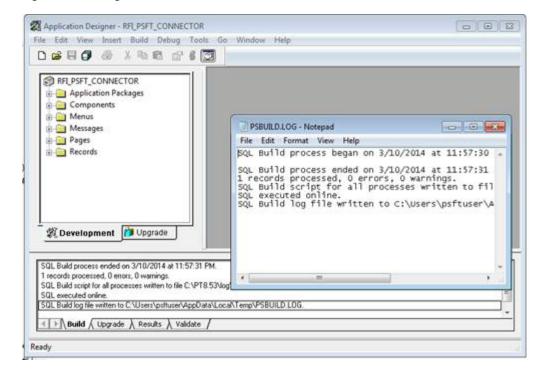


Figure 8–35 Log File

Note: Log shows only one record processed because system will build only physical records and views. For more detail refer Enterprise PeopleTools 8.4X, 8.5X PeopleBook: PeopleSoft Application Designer > Creating Record Definitions

Configuring Services

Note: Some configurations listed in this section might be available already after importing the project [PeopleSoft Setup Tasks - Importing PSFT project] in Target Environment. Verify the details based on the information below and do the configuration only if required.

For all Services involved in RFI Integration, the following configurations need to be completed.

- Adding RFI_PL_INTEGRATION permission list to all Service Operations
- Updating the Routing Parameter based on the Target system

Vendor

Service: SUPPLIERBUSINESSEVENTHANDLERSE

Service Operation: HANDLEBUSINESSEVENT

Navigation: Main Menu ->PeopleTools -> Integration Broker -> Integration Setup -> Services

1. Search for service - SUPPLIERBUSINESSEVENTHANDLERSE and click on Service Link.

Figure 8–36 Service Link

DRACLE				Home
Services - Search				
Service	SUF	74	Add a New Value	
Search	REST Service	-		
Services	Personalize	Find View	al (B) (B) Fra	t 3/1 of 1 % Last
		Object Owner		
Service	Service Alias	Object Owner	Description	

2. From the Service Definition page, click on Service Operation link to open Service Operation.

Figure 8–37 Service Operation

DRACLE				
Services				
Services				
Service S	SUPPLIERBUSINESSEVENTHAN	IDLERSE	REST Service	e Type
*Description	UPPLIERBUSINESSEVENTHAN	DLER		
Comments	UPPLIERBUSINESSEVENTHAN	IDI ERSERVIC	'E	
L			10	
Service Alias S	upplierBusinessEventHandlerSe	B1		
Service Alias S Owner ID	upplierBusinessEventHandlerS	el T		
Owner ID		•	Nice	
Owner ID *Namespace h	ttp://www.oracle.com/retail/rfi/psf	•	rvice	
Owner ID "Namespace h ink Existing Operations		•	rvice	
Owner ID *Namespace h	ttp://www.oracle.com/retail/rfi/psf	•	rvice	
Owner ID "Namespace h ink Existing Operations	ttp://www.oracle.com/retail/rfi/psf	•	rvice	
Owner ID "Namespace h Ink Existing Operations Service Operations Service Operation	ttp://www.oracle.com/retail/rfi/psf	•	Tradition	
Owner ID "Namespace h ink Existing Operations Service Operations	ttp://www.oracle.com/retail/rfi/psf	Vconnector/se	Add	
Owner ID "Namespace h ink Existing Operations Service Operations Service Operation Operation Type	ttp://www.oracle.com/retail/rfi/psf View WSDL	Vconnector/se	Add	Last
Owner ID "Namespace in ink Existing Operations Service Operations Service Operation Operation Type	ttp://www.oracle.com/retail/rfi/psf View WSDL Personalize Find View Ali	Vconnector/se	Tradition	Last
Owner ID Owner ID Namespace N Ink Existing Operations Service Operation Operation Type Existing Operations Operation Message Links	ttp://www.oracle.com/retail/rfi/psf View WSDL Personalize Find View Ali	Vconnector/se	Add	

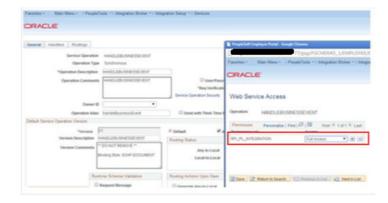
3. From the Service Operation Definition page, click on Service Operation Security link. This will open a popup window.

DRACLE				
General Handlers Routings				
Service Operation Operation Type	HANDLEBUSINESSEVENT Synchronous			
*Operation Description	HANDLEBUSINESSEVENT			
Operation Comments	HANDLEBUSINESSEVENT		User/Password Required a Verification	
Owner ID	•			
Operation Alias	handleBusinessEvent	Used with T	hink Time Methods	
Default Service Operation Version				
"Version	1	C Detautt	S Active	
Version Description	ANDLEBUSINESSEVENT	Routing Status		
Version Comments	DO NOT REMOVE **]	to Local Descent and a state	

Figure 8–38 Service Operation Security

4. From the Service Operation Web Service Access page, add the permission list - RFI_PL_INTEGRATION (if not available already) to WebService access with full access and click Save.

Figure 8–39 Permission List



5. From the Routing Definition tab, go to the Routing Definition tab and click the Routing Definition Link. [Name: ~IMPORTED~10419].

Figure 8–40 Routing Definition

RACU	e							
mental 3, 345	anders Routings							
	and in worthout it.	and international	D. BALT					
	Service Operation 34	CALCULATION OF MELICIPA	11111111					
	Default Version V							
	Default Version V	Uner Exception	rtafice in applicable only	if an subound routing	cannot be determined. If	a valid outbound raufe	ç can be defermined then	The user exception status o
	Default Version V	Oner Exception	rtafice in applicable only	if an extround routing	cannut be determined. If	a nied outbound raule	g can be determined then	. The user exception status or
Roding De	Default Version V	Oner Exception	rtafice in applicable only		cannut be determined. If			The user exception status or
Routing Ov	Default Version V	Oner Exception	rtafice in applicable only		cannot be determined. If Revenue Node		g can be determined then Find (View Ad) (2 ¹) (58 States	

6. From the IB Routing Definitions page, click on the Connector Properties tab and change the Primary URL value based on the Target system. The primary URL is to point to the RFI service URL that needs to be invoked from PeopleSoft. Click Save.

Figure 8–41 Primary URL

Yang Karal () Mark Manara (Panga Sang Sang Ang Panga Sang Sang Sang Sang Sang Sang Sang	
Concers Interface Interfaces Interfaces (Distribution Concerning States)	III Rouding Definitions Multip Definitions Proceeding

Payment Terms

Service: PAYTERMBUSINESSEVENTHANDLERSER

Service Operation: HANDLEBUSINESSEVENT10485

Navigation: Main Menu ->PeopleTools -> Integration Broker -> Integration Setup -> Services

1. From the Service Definition page, search for service -PAYTERMBUSINESSEVENTHANDLERSER and click the Service Link.

Figure 8–42 Services

avorites - Main Menu - > P	eopleTools +> Integration Broker +> I	Integration Setup +> Services Home 1
Services - Search		
Service	PAYTERMBUSINESSEVENTHANDLERSER	Add a New Value
Search	REST Service	
Services	Personalize	Find View All 🖉 🎬 First 🔮 1 of 1 🔮 Last
Service	Service Alias	Object Owner ID Description
PAYTERMBUSINESSEVENTHANDLER	SER PayTermBusinessEventHandlerService	

2. Click the Service Operation link to open the Service Operation.

Figure 8–43 Service Operation

	u = > PeopleTools => Integration Broker => Integration Setup => Senic
DRACLE	
Services	
Servi	Ce PAYTERMBUSINESSEVENTHANDLERSER
*Description	OR PAYTERMEUSINESSEVENTHANDLERS
Commen	ts PAYTERMBUSINESSEVENTHANDLERSERVICE
Owner	PayTermBusinessEventHandlerSe D Ce http://www.oracte.com/retail/ffi/psfl/connector/service
ink Existing Operations	View WSDL
Service Operations	
Service Operations Service Operation	on
Service Operation	
Service Operation Ty	Personalize Find View All 🖾 🛅 First 🕚 1 of 1 🕑 Last
Service Operation Operation Type Existing Operations Operation Message L	Personalize Find View All 🖾 🛅 First 🕉 1 of 1 🗞 Last
Service Operation Operation Type Existing Operations Operation Message L Operation Default Version	Personalize Find View All 🖾 🛅 First 🚯 1 of 1 🚯 Last Inks I 💷 Operation

3. From the Service Operation Definition page, click the Service Operation Security link. This will open a popup window.

Figure 8–44 S	Service (Operation	Security
---------------	-----------	-----------	----------

General Handlers Routings			
Service Operation	HANDLEBUSINESSEVENT10485		
Operation Type	Synchronous		
*Operation Description	HANDLINUSINESSEMENT		
Operation Comments	HANDLEBUSINESSEVENT	User/Password Required	
		*Reg Verification	13
		Service Operation Security	
Owner ID	•		
Operation Alias	handleBusinessEvent	Used with Think Time Methods	
Default Service Operation Version			
*Version	1	Contractive Active	
Version Description	ANDLEBUSINESSEVENT	Routing Status	

4. From the Service Operation Web Service Access page, add Permission list - RFI_ PL_INTEGRATION (if not already available) to WebService access with full access and click on Save.

Figure 8–45 Permission list

General C Handers Routings		ProgieSuit Legisyse Parkal - Energie Chrome
Service Operation HKPUCLEB/UD Operation Type Turchronous	IESSEVENT VARI	177/page/SCARDAO_2/CMPLOYEL
"Operation Description IntelCoLEDUCES	6336-6147	ORACLE
Operation Comments FUELED.101 Overset E	Savina Car	Operations and all the stand of the stand
Mault Service Operation Version		Permission Personalize Feed 221 222 Fait & Last
Warness Brt	4 Defeet	Real Promovation (last Access
Variant Description (VVID), ED, 2012	ISC-ENT Alasting Status	Byty PL_MITEORATION (Fut Assess •) (*)
Version Comments DO HOT Altison Briding Blore (ICA	E Any	Autoral (
Rutine Schene Ve	Addison Nasiling Actions Up	in time Save 2 Return to Search

5. From the Routing Definition tab, go to the Routing Definition tab and click the Routing Definition Link. Routing Definition Name: ~IMPORTED~13540

Figure 8–46 Routing Definition Link

anarsi (A	inders (Realings)							
	Service Operation 100	0.131.51633	EVENTIO485					
	Default Version 11							
		thirr Exception						
	Made The	uter ecogion	status is applicable only	d an subconditioning	central te determined. If	a valid subsort rad	trg can be determined then	The later exception status in
	Made The	uter ecoptor al roding will be	status is applicable only used.	e an autocondroading	cannot be determined. If	a valid subsort nut	trg can be determined ther	the user exclusion status of
	Made The	uker exception at roding will be	etatus is applicative only used.	f an suttound insiding	cannot be determined. If	a rakt subsund nur	trg can be determined ther	n the user exception status o
Autry D	Note The	i ulai acceptor al roding ell be	otana ia appecable only used		cannit be determined. If		ng can te determined ther	
Austing Dr.	Note The	ulai acceptor al roding will be Verace	otena ia appicative oriy used. Operation Type					

6. From the IB Routing Definitions page, click the Connector Properties tab and change the Primary URL value based on the Target system. Primary URL is to point to the RFI service URL that needs to be invoked from PeopleSoft. Click Save.

Figure 8–47 Primary URL

annex Fanders: Readings Service Operation : NORCLEDUDINESECHD/1116455 Default Version VI Bit Units Compton Refer This same recording will be and Reading Service Read- Reading Services	R Sanit Sanita Opera	DOS Parameters Reference - 68° OR10 a Operation HOROLEN dos Version V1 Gateway 0 (2006) Consector 0 (2006) Consector 0 (2006) Consector 0 (2006)	0-13540 /0r4E35E-40-010-10484	Rading Properties
Selected News Version Operation Type - 48PORTED-13543 V1 Specific	Connector Properties Property 0	Personalize P	Ind View Ad CE 3	Proc A 14 or 5 A La
Inactivate Defected Routings Activate Detected Routin	HEADER	Current Type	Jacobson .	34, 681 8
Save Robert to Senitar	HEADER	sand/hourspressed	9	A, (8) (
naral (Handara (Roulings	HTTPPROPERTY	Method	Post	14, (H) (
uerar i reananara i novandra	HTTPPROPERTY	504PUpContent	9)a, (f) (
	PRIMARYLAU	URL .	-	001ia, 🛞 S

Currency Rate

Service: CURRENCYRATEBUSINESSEVENTHANDL

Service Operation: HANDLEBUSINESSEVENT10159

Navigation: Main Menu ->PeopleTools -> Integration Broker -> Integration Setup -> Services

1. From the Service Definition page, search for service -CURRENCYRATEBUSINESSEVENTHANDL and click the Service Link.

Figure 8–48 Service Link

				Home Wo
Services - Sea	rch			
* Search Criteria				
	Service	CURRENCYRATEBUSINESSEVENTHAND	Add a New \	/alue
Search		REST Service		
Services		Personalize Find	View Al 🖉 📶	First & 1 of 1 & Last
Service		Service Allas	Object Owner Description ID	
CURRENCYRATEBUSI	NESSEVENTHA	NDL CurrencyRateBusinessEventHandlerServic	CURRENCYP	RATEBUSINESSEVENTHANDL

2. Click the Service Operation link to open the Service Operation.

DRACLE				
Services				
Service	CURRENCYRATEBUSINESSEVENTHA	NDL	REST Service	Туре
*Description	CURRENCYRATEBUSINESSEVENTHA			
Comments	CURRENCYRATEBUSINESSEVENTHA VICE	NDLERSE	R	
5-12 (a 1) (244)				
Service Alias	CurrencyRateBusinessEventHandI			
Owner ID	•			
	C		6	
*Namespace	http://www.oracle.com/retail/rfi/psfl/conne	000100100	10	
	http://www.oracle.com/retail/fi/psft/conne View WSDL	10001-0-01115		
		10001000100		
Ink Existing Operations				
Ink Existing Operations Service Operations			sdd	
Init Existing Operations Service Operations Service Operation Operation Type Existing Operations	View WSDL Personalize Find View All [2]			Last
Unix Existing Operations Service Operations Service Operation Operation Type	View WSDL Personalize Find View All [2]		sdd	Last

Figure 8–49 Service Operation

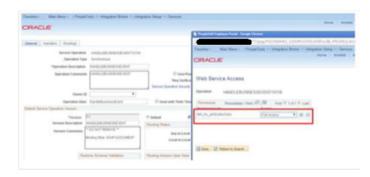
3. From the Service Operation Definition page, click the Service Operation Security link. This will open a popup window.

RACLE			
ienerat Handlers Routings			
Service Operation	HANDLEBUSINESSEVENT10159		
Operation Typ	pe Synchronous		
*Operation Descriptio	INVICTION CONTRACTOR		
Operation Commen	ts HANDLEBUSINESSEVENT	Bus	er/Password Required
		"Reg Vi	entication
		Service Operation Se	curity
Owner	ID		
Operation Alia	nandeBusinessEvent	Used with Think	k Time Methods
100000000000000000000000000000000000000			
100000000000000000000000000000000000000	[vi	✓ Default	& Active
Vefault Service Operation Version	V1 HANDLEBUSINESSEVENT		R Active
efault Service Operation Version		Routing Status	
efault Service Operation Version "Version Version Description	HANDLEBUSINESSEVENT	Routing Status	Local Does not exist
efault Service Operation Version "Version Version Description	HANDLEBUSINESSEVENT	Routing Status	Local Does not exist
Version Version "Version Version Description Version Comments	HANDLEBUSINESSEVENT	Routing Status	Local Does not exist Local Does not exist

Figure 8–50 Service Operation Security

4. From the Service Operation Web Service Access page, add Permission list - RFI_ PL_INTEGRATION (if not available already) to WebService access with full access. Click Save.

Figure 8–51 Permission List



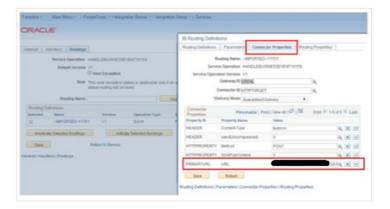
5. From the Routing Definition tab, go to the Routing Definition tab and click the Routing Definition link. [Name: ~IMPORTED~11751].

Figure 8–52 Routing Definition Link

RACLE							
meral Handlers Routings							
	and the state of the state of the state	Putter wanted					
Note 11	r Deier Exception No user exception	status in applicadia orio	f an ovfound louting	cannot be defarmined. #	a old subsuriting	ig can be determined their	the user exception alphas ar
Default Version VI	l Deir Exception	status in applicadia orio	Fan sylpsond Isoleg	cannot be determined. If	a rahd swittownit rowt	ng can be determined their	the user exception alphas are
Default Version V	r Deier Exception No user exception	status in applicadia orio		particul ba deliamente di P			Projection (Marco) Projection (Marco) Projection Projec

6. From the IB Routing Definitions page, click the Connector Properties tab and change the Primary URL value based on the Target system. Primary URL is to point to the RFI service URL that needs to be invoked from PeopleSoft. Click Save.

Figure 8–53 Primary URL



Providing Web Service - GL Account Validation

PeopleSoft should provide GL Account Validation WSDL to third party system to consume. It needs to be generated because the WSDL is not delivered by default.

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Integration Setup -> Services

Service Name: COMBO_CF_EDIT_REQUEST

Service Operation Name: CF_EDIT_REQUEST

Prerequisite to Provide Web Service

- 1. Verify the Request and Response messages have schemas.
 - a. Open the service definition: COMBO_CF_EDIT_REQUEST.

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Integration Setup -> Services

Figure 8–54 Services

DRACLE			Home
Services - Search			
Search Criteria			
Servi	COMBO_CF_EDR		Add a New Value
Services.		Personalize Find	View All (1) 1 First 4 1 of 1 4 Last
Service	Service Allas	Object Owner ID	Description CF Combination Edit Request

b. Click the Service - COMBO_CF_EDIT_REQUEST link.

Figure 8–55 Service Link

Service Operations Service Operation Operation Type	p - Se
*Description Comments Synchronous request for ChartField combination editing. Header record CONBO_CF_MSG_H only include the first 3 fields. Defail record COMBO_CF_MSG_D include all fields. You can Service Allas CFComboEdt Owner ID General Ledger *Namespace http://xmins.oracle.com/Enterprise/FSCM/service/CDM Link Existing Operations View WSDL Service Operations View WSDL Service Operation	
edting. Header record CONBO_CF_MSG_H only include the first 3 fields. Detail record COMBO_CF_MSG_D include all fields. You can Service Alias CFComboEdt Owner ID General Ledger • *Namespace http://xmins.oracle.com/Enterprise/FSCM/service/COI/ Link Existing Operations Service Operation Operation Type • Add Existing Operations Personalize Find View At [5] [6] First % t of 1 % L Operation Message Links [6] [6] Operation	Type
Owner ID General Ledger Namespace http://xmins.oracle.com/Enterprise/FSCM/service/COI/ Link Existing Operations Service Operation Operation Type Add Existing Operations Personalize Find View At [5] [1] First % t of 1 % L Operation Message Links Description D	
*Namespace http://www.oracle.com/Enterprise/FSCM/service/CON Link Existing Operations View WSDL Provide Web Service Generate SOAT Service Operation Operation Type • Add Existing Operations Personalize Find View At [5] 1 First & 1 of 1 & L Operation Message Links • Operation	
Link Existing Operations View WSDL Provide Web Service Generate SOAJ Service Operation Operation Type	
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Existing Operations Personalize Find View At [2] [1] First % t of t % L Operation Message Links [1]] Provide Charles Operation	
Operation Message Links	
Operation Default Version Operation	ant
COMB0_CF_EDIT_REQUEST.VERSION_1 CF Combination Edit Request @ Synch	-
Save Return to Search A	dd

c. Click the Message Links tab.

DRACLE				
Services				
Service	COMBO OF EDIT REC	WEST	REST Set	rvice Type
	CF Combination Edit Re			
Comments	Synchronous request edting Header record COMBO the first 3 fields. Detail COMBO_CF_MSG_D in	_CF_MSG_H only and	ude	
Service Alias	CFComboEdit			
Owner ID	General Ledger	•]		
"llamespace	http://xminis.oracle.com	Enterprise/FSCM/serv	/ICOTech	
Link Existing Operations	View WSDL	Provide Web Serv	ice Generate	e SOAP Template
Service Operations				
Service Operation				
Operation Type		•	Add	
Existing Operations		(View At) 🖾 (🛅	First # 1 of 1	. Last
Operation Message Lin Request Message Version		esponse Message Ver	enlos	
		OMBO_CF_EDIT_REPL		

Figure 8–56 Message Link

d. Click the Request Message - **COMBO_CF_EDIT_REQUEST.VERSION_1** link. It will open a popup window.

Figure 8–57 Request Message

Favorites Main Menu	PeopleTools Integration Broker	Integration Setup - Services
DRACLE		
Services		
Service	COMBO_CF_ED/T_REQUEST	REST Service Type
*Description	CF Combination Edit Request	
Commenta	Synchronous request for ChartField combination editing. Header record COMBO_CF_MSG_H only include the first 3 fields. Detail record COMBO_CF_MSG_D include all fields. You can	
Service Alias	CFComboEdt	
Owner ID	General Ledger •	
"Namespace	http://xmins.oracle.com/Enterprise/FSCM/service	COM
ink Existing Operations	View WSDL Provide Web Service	Generate SOAP Template
Service Operations		
Service Operation		
Operation Type	•	Add
Existing Operations	Personalize Find View Al (2) 5	First 5/ 1 of 1 1/2 Last
Operation Message Lin		
Request Message Version	Response Message Versio COMBO_CF_EDIT_REPLY_V	
AND	CONCOLOR_CONCERNENT V	ERSION_1 (m)
Save Return to Sea	irch	Add

e. Verify the Schema Exist option is yes. If the value is No, save the message definition without any changes. It will generate the schema. A confirmation message will be displayed.

Message Definition	Schema	
& Status: Warning:	Message cannot be changed. Message Structure references work records.	ge used in exported WSDL. Explanation
Message: Version:	COMBO_CF_EDIT_REPLY VERSION_1	Schema Exists: Yes Part Message Exclude Description in Schema
Description:	CF Combination Edit Reply	Single Level 0 Row
Owner ID:	General Ledger 🔹	Include Namespace Suppress Empty XML Tags
Comments:	Synchronous reply for ChartField	Message Type
	combination editing request. Header record COMBO_CF_MSG_H excludes the first 3 fields. Detail record	Rowset-based Nonrowset-based
Service Operation Refere	nces	Container
View Records Only eft Right	View Included Fields Only	Add Record to Ro
COMBO_CF_EDIT_I		

Figure 8–58 Schema Exist

2. To provide the Web Service, the Include Namespace option needs to be enabled at the Service Operation level.

Note: For more details refer to E-IB: Service Response Message Namespace Does Not Match Description in WSDL (Doc ID 1147654.1).

a. Open Service and click the Response Message link- COMBO_CF_EDIT_ REPLY.VERSION_1

Figure 8–59 Response Message Link

		gration Broker +> Integra	Home
DRACLE"			
Services - Search			
* Search Criteria			
Service	сомво	2	Add a New Value
Search	REST Service		
Services		Personalize Find 1	View Al 🖓 📶 First 🖗 1 of 1 🛞 Las
Service	Service Alias	Object Owner ID	Description
COMBO_CF_EDIT_REQUEST	CFComboEdit	General Ledger	CF Combination Edit Request

b. Click the Service link - COMBO_CF_EDIT_REQUEST.

Figure 8–60 Service Link

	u → PeopleTools	Integratio	n Broker 🖘 In	tegration Setup	Services
DRACLE					
Services					
Servi	e COMBO CF ED	IT REQUEST		REST Servi	се Туре
*Description	CF Combination	Edit Request			
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Service Alia	S CFComboEdit				
Owner	ID General Ledger		•		
*Namespa	e http://xmlns.oracl	e.com/Enterpri	se/FSCM/servic	e/CO	
ink Existing Operations	View WSI	DL Provid	te Web Service	Generate S	OAP Templat
Service Operations					
Service Operati	on				
Operation Ty)e		•	Add	
Existing Operations	Personalize	Find View All		First 🕚 1 of 1	Last
Operation Message L					
Request Message.Version		Response I	Message.Versio	on	
COMBO_CF_EDIT_REQUE	ST.VERSION_1	COMBO_C	EDIT_REPLY	VERSION_1	-
Save Return to S	learch			1	Add

 Check the Include Namespace option and click Save. If the Include Namespace option is disabled with an inconsistency, a few settings need to be completed [For more details refer http://docs.oracle.com/cd/E38689_ 01/pt853pbr0/eng/pt/tibr/task_

Resolving Inconsistencies in Exported WSDL and WADL Documents-067 f83. html

Schema	
Structure references work records. COMBO_CF_EDIT_REPLY VERSION_1	Explanation Schema Exists: Yes Part Message Exclude Description in Schema
CF Combination Edit Reply General Ledger	Single Level 0 Row Concerned to the second
Synchronous reply for ChartField combination editing request. Header record COMBO_CF_MSG_H excludes the first 3 fields. Detail record	Message Type Rowset-based Nonrowset-based
view Included Fields Only	Container Add Record to Ro
EPLY MSG_H	
	Structure references work records. COMBO_CF_EDIT_REPLY VERSION_1 CF Combination Edit Reply General Ledger Synchronous reply for ChartField combination editing request. Header record COMBO_CF_MSG_H excludes the first 3 fields. Detail record whices View Included Fields Only EPLY

Figure 8–61 Include Namespace

d. Click the Service Admin link on top of this window. This will open a window, which has the clear wsdl export status link. After doing this, the Include Namespace option will be enabled on the Service - Message Definition page.

Figure 8–62 Service Admin

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Figure 8–63 Exported WSDL Inconsistencies

Provide Web Service

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Web Service -> Provide Web Service

1. Open COMBO_CF_EDIT_REQUEST and click Next.

Figure 8–64 Provide Web Service

DRACLE			
Provide Web Service Wizard			Step 1 of 4
1 2 3 4			Next >
Select Services			
Enter search criteria and click Sear	ch. Select one or n	nore services you w	ould like to provide.
Search Criteria			
Service Name	begins with	COMBO_CF	
Description	begins with		
Object Owner ID	equals 🔻		•
	REST Service		
		Search	
	1000	d View All 💷	First 3 1 of 1 & Last
Search Results	Fin		
Search Results Service	Fin	iption	

2. Select the Service Operation - COMBO_CF_EDIT_REQUEST.VERSION_1 and click Next.

Provide Web Service Wizard			Step 2 of 4			
0.0.0.0		- Previou	II. Ned >			
Select Service Operations						
Select one or more operations for each service.						
Service CONBO_CF_EDIT_REQUEST		Description C/	Combination Edit Request			
D Use Service Alias in WSDL		Service Altes Cl	rCentoeEat			
Use Secore Target Location	0.0	eterate WSDL 2.0				
Operations				Find View All 125	First A.	THE PARTY AND
		Operation Type	Request Message	Response Message		Fault Mexange
COMBO_CF_ED/T_REQUEST VERSION_1	CF Combination Edit Request	Synchronous	COMBO_CF_EDIT_REQUEST VERSION_1	COMBO_OF_ED/T_REPLY	VERSION_1	1
Select All						

Figure 8–65 Service Operation

3. View WSDL and click Next.

Figure 8–66 View WSDL

Favorites - Ma	in Menu - > PeopleTools -> Integ	pration Broker *> Web Services *> Provide Web
DRACLE		
Provide Web Ser	vice Wizard	Step 3 of 4
1 2 3 4		< Previous Next >
View WSDL		
View the generated	WSDL for each service.	
Selected Services		First 1 of 1 Last
Service	Description	

View WSDL

CF Combination Edit Request

4. Click Finish and the WSDL will be generated.

Figure 8–67 Finish

COMBO_CF_EDIT_REQUEST

DRACLE	
Provide Web Service Wizard	Step 4 of 4
1-2-3-4	< Previous Finish
Specify Publishing Options	
The WSDL for the selected services will be publ	ished to the PeopleSoft WSDL Repository.
Publish to UDDI	

5. Consume the WSDL or make the changes as required in third party system.

Figure 8–68 Consume WSDL

DRACL				
Provide Wel	Service Wizard			
Confirm F	esults			
View the WSD	Generation Log to confirm the r	esuits of the wizard.		
WSDL Genera	ion Log:			
Service: COM	O_CF_EDIT_REQUEST has be	en exported.		
Inserted WSD	COMBO_CF_EDIT_REQUEST	.1 in the repository		
Generated W				
CF_EDIT_R	OUEST.1 wsd	eopleSoftSen/ceListeningCo	nedor/COMBO	

For example:

http://hostname:portno/PSIGW/PeopleSoftServiceListeningConnector/COMBO_ CF_EDIT_REQUEST.1.wsdl

Providing Web Service - Drill Forward Service

PeopleSoft should provide Drill Forward Serivice WSDL to third party system to consume. It needs to be generated because the WSDL is not delivered by default.

Validate that you are able to look up DrillForwardBackURLService is available by following the below menu navigation

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Integration Setup -> Services

Lookup for "**DRILLBACKFORWARDURLSERVICE**". Ensure service is configured properly and "Primary URL" is pointed to correct RFI target service.

Note: Refer to the "PeopleSoft service is not able to deliver messages to RFI" section under Appendix - Troubleshooting PeopleSoft Services for detailed navigation.

If above mentioned service configuration validations fails, then follow the below steps to configure the DrillBackForwardURLService in PeopleSoft else skip the below steps.

Provide Web Service

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Web Service -> Provide Web Service

1. Open RFI_INV_DRILLFORWARD_SERVICE and click Next.

rovide Web Service Wizard	1		Step 1 of 4
0-0-0-0			Next >
elect Services			
ter search criteria and click Se	arch. Select one of	r mor	e services you would like to provide.
earch Criteria			
Service Name	begins with	•	RFLINV_DRLLFORWARD_SERVICE
Description	begins with	٠	
Object Owner I	D equals	٠	•
	REST Servi	ice	
		s	earch

Figure 8–69 Provide Web Service

2. Select the Service Operation - RFIINVOICEDRILLFORWARDSERVICE.VERSION_ 1 and click **Next**.

Figure 8–70 Service Operation

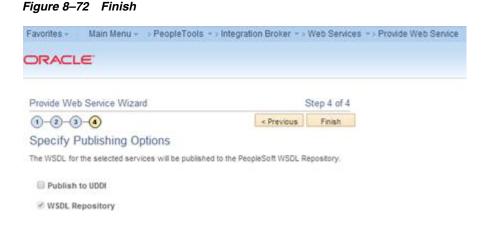
DRACLE				
Provide Web Service Widerif		Thep 2 of 4		
0.0.0	+ Des	trittal light a		
Select Service Operations				
Debot one or yours operations. for each service				
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III the Service Alas in Wills.	bervior	Alas Riverstriferweittervie		
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Operations			Fiel (Vev At) (2)	Feet P 1 st 1 A Last
Balance Carroline	Description Operation	Request Bernage	Response Message	Fault Measure
· STRUCTURE LITTING AND ADDRESS OF ADDRESS	motor - detaitestes	IN BY BY DELLFORMARD REGIST	TVERSION_1 IPT, WV_DRLLFORMARD_	RESPONSE VERSION_F

3. View WSDL and click Next.

Figure 8–71 View WSDL



4. Click Finish. The WSDL is generated.



5. Consume the WSDL or make the changes as required in RFI.

Figure 8–73 Consume WSDL

Provide Web Service Wizard	
Confirm Results	
View the WSDL Generation Log to confirm the results of the wizard.	
WSDL Generation Log:	
Service: RFL_NV_DRILLFORWARD_SERVICE has been exported.	
Inserted WSOL: RFL.NV_DRLLFORWARD_SERVICE.1 in the repository	
Generated WSDL URL: 7777/00/09/09/09/09/09/09/09/09/09/09/09/09/	NV D
RELFORWARD_SERVICE 1 web	

For example:

http://hostname:portno/PSIGW/PeopleSoftServiceListeningConnector/RFI_ INV_DRILLFORWARD_SERVICE.1.wsdl

9

ODI Setup Tasks

This chapter includes:

- Prerequisite
- Copy ODI-Specific Files
- Create Tablespaces
- Create the ODI Master Repository Database User
- Create the ODI Work Repository Database User
- ODI Set Up Master Repository and Work Repository
- Validation Master Repository and Work Repository Schema creation
- Create Master Repository
- Create Work Repository
- Import ODI Interfaces
- Update Connection Information
- Scenario Test

Prerequisite

It is assumed Oracle Data Integrator has already been configured with the appropriate details for your installation. This ODI installation location is referred to as ODI_INSTALL_DIR for the remainder of this chapter.

Copy ODI-Specific Files

- **1.** Log in to the UNIX server as a user who has sufficient access to run sqlplus from the Oracle Database installation.
- 2. Create the retail-financial-integration-solution in <INSTALL_DIR> folder.
- **3.** From the ORFI server, copy the <INSTALL_ DIR>/retail-financial-integration-solution/etl-based-integration folder to <INSTALL_DIR>/retail-financial-integration-solution folder on the ODI server.

Note: All references to the ODI server are indicative of RfiBulkServer.

Create Tablespaces

Before you run the ODI Master and Work database user, make sure that the following tablespace has been created in the database: ODI_DATA. Below is a sample tablespace creation statement for this tablespace. Oracle Retail recommends the use of locally managed tablespaces with automatic extent and segment space management.

Note: These tablespaces are not sized for a production environment. The customer's Database Administrator should create the tablespace based on their datacenter database architecture and size it appropriately based on expected data volume for their peak data usage.

```
CREATE TABLESPACE ODI_DATA DATAFILE

'<datafile_path>/odi_data01.dbf' SIZE 500M

AUTOEXTEND ON NEXT 100M MAXSIZE 2000M

EXTENT MANAGEMENT LOCAL

SEGMENT SPACE MANAGEMENT AUTO

;
```

Create the ODI Master Repository Database User

You must create an ODI Master Repository schema using a *create_user.sql* that comes with installer distribution. This will be used to execute ODI Interface at run time. This create_user.sql script can be used for this:

```
$INSTALL_
```

DIR/retail-financial-integration-solution/etl-based-integration/retail-to-ebsfin-etl-flows/setup-data/ddl/create_user.sql

The script takes three arguments on the command line in sqlplus: username, password, and ODI Master tablespace.

For example: SQL> @create_user.sql <ODI Master Schema> <ODI Master Schema Password> <ODI Master tablespace name>

Review this script and run it as a user with adequate permissions, such as SYSTEM.

Create the ODI Work Repository Database User

You must create an ODI Work Repository schema using a *creat_user.sql* that is included with the installer distribution. This will be used to execute ODI Interface at run time. This create_user.sql script can be used for this:

\$INSTALL_DIR/

 $retail-financial-integration-solution\service-based-integration\install\setup-data\dl create_user.sql$

Or

The script takes three arguments on the command line in sqlplus: username, password, and ODI Work tablespace.

For example: SQL> @create_user.sql <ODI Work Schema> <ODI Work Schema Password> <ODI Work tablespace name>

Review this script and run it as a user with adequate permissions, such as SYSTEM.

ODI - Set Up Master Repository and Work Repository

Note: If you have not had a master and work repository created, you need to create it beforehand as described in the Oracle Data Integrator administrator guide or follow the steps given below.

Validation - Master Repository and Work Repository Schema creation

Run the below SQL. This should return 2 records each with name of the ODI Master & ODI Work repository schema names given in the previous two steps. Proceed further only if query gives you two records with schema names provided by you in the previous steps. If not ensure to successfully execute above two steps with help of DBA:

SQL> select * from all_users where username in (<ODI Work Schema>, <ODI Master Schema >);

Please replace <ODI Work Schema> & <ODI Master Schema> with the names given while creating Master and Work repository schema.

Create Master Repository

Prerequisite:

 Make sure database schemas for Master and Work Repositories are present in the ODI database.

Note: These schema creation steps are done as part of ODI setup tasks in this chapter.

 Make sure the RFI_ODI_TEMP schema exists in the E-Business Suite or PeopleSoft database (Based on your integration financials application).

Note: These schema creation steps are done as part of "Create the ODI Staging Database User" in chapter 5.

Make sure the ORFI infrastructure database setup is completed.

Note: These schema creation steps are done as part of "Create the ORFI Database User" in chapter 3.

 Give database administrator privileges to the schema in the E-Business Suite OR PeopleSoft database depending on which is your integrating Financials system

Use the following procedure to create the Master Repository:

1. Launch Oracle Data Integrator (ODI) Studio to create a Master Repository:

Click File->New and select "Master Repository Creation Wizard" and click OK.

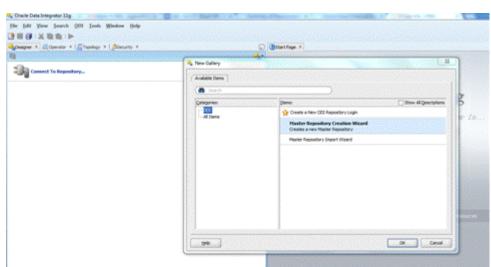


Figure 9–1 Master Repository Creation Wizard

- 2. Enter the Master Repository Database connection details and click Next.
 - Database Connection Enter valid Master Repository schema details.

Note: In JDBC url field, use the OdiMasterDataSource / jdbcUrl entered in rfi-deployment-env-info.json file. You have to enter sysdba credentials in DBA User and DBA Password fields.

• Repository Configuration - Enter any ID other than 804 or 805 in the Id field.

Figure 9–2 Repository Configuration

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3. Test your credentials information using the **Test Connection** button. If you are successful, click **OK** in the Information popup and then click **Next**.

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Connect To Begandlery	Repository Connection	
	Kenneline (annumber formeline Senseline Senseline Senseline Senseline Senseline Senseline Senseline	

Figure 9–3 Test Connection

4. Enter *<supervisor password>* and click **Next**.

Note: This password will be used in further installation steps, so keep a record of it.

Figure 9–4 Authentication

	St Martin Reporting Con	nen Woerd - Nep 2 of 8		
is Reporting	Authentication			
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5. Click Finish.

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		rrenthar

Figure 9–5 Password Storage

6. Click OK.

Create Work Repository

Use the following procedure to create the Work Repository:

- 1. Select the ODI Menu->Connect option to log in to the Master Repository in Oracle Data Integrator (ODI) Studio to create a Work Repository.
- **2.** Create Master Repository login credentials by selecting the + button from the Oracle Data Integrator Login dialog.

Figure 9–6 Oracle Data Integrator Login

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		Carl Cover	
		Contract Contract	
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	Anna 1		
19 J	1.00		

- **3.** Update the Repository Connection Information as below:
 - a. Oracle Data Integrator Connection:
 - Login Name: <Login Name>

- User: <Enter "SUPERVISOR" in this field>
- Password: <*supervisor password>*

Note: See ODI documentation for information on users with the correct (supervisor level) permissions. The SUPERVISOR user is created by ODI and has the correct permissions by default.

- b. Database Connection (Master Repository):
 - Enter Master Repository database credentials for User and Password fields.
 - Select "Oracle JDBC Driver" from the drop-down list for Driver List field.
 - Enter Url (use the OdiMasterDataSource/ jdbcUrl entered in rfi-deployment-env-info.json file) field as shown below:

jdbc:oracle:thin:@<host>:<port>:<sid>

- **c.** Work Repository:
 - Select the Master Repository Only option.

Figure 9–7 Repository Connection Information

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4. Test your credentials information using the **Test** button. If you are successful then click **OK**.

Figure 9–8 Test

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5. Select **OK** from Oracle Data Integrator Login dialog.

Figure 9–9 Oracle Data Integrator Login

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6. From the Topology tab, select Repositories and then right-click on the Work Repositories. Select the New Work Repository option.

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Figure 9–10 Repositories

- 7. Enter the work repository database credentials details.
- **8.** Test your credentials information using the **Test** button. If you are successful then click **Next**.

Figure 9–11 Test

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- 9. Update ODI Work Repository properties:
 - **a.** Enter any ID other than 804 or 805 (For EBS integration) / 501 or 502 (For PeopleSoft Integration) in the Id field.
 - **b.** Enter Name and Password (should be SUPERVISOR user and *<supervisor password>*) for work repository and click **Finish**.

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Figure 9–12 ODI Work Repository

10. Click Yes to create an ODI login for the work repository.

Figure 9–13 Confirmation

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11. Enter the ODI work repository login name in the dialog.

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Figure 9–14 Login Name

12. Select the ODI Menu->Disconnect option to connect to the Work Repository.

Figure 9–15 Disconnect

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- **13.** Select the ODI Menu->Connect option.
 - **a.** From the ODI Login popup, select Login Name from dropdown list (select the name you created in step7).
 - **b.** Enter user as "SUPERVISOR".
 - **c.** Enter *<supervisor password>*.
 - **d.** Select the Edit option.

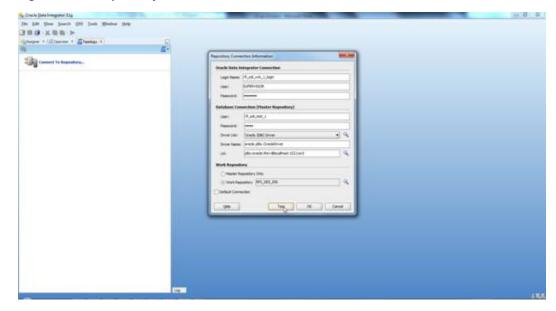
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Figure 9–16 Connect

14. Validate the Repository Connection Information:

- a. Oracle Data Integrator Connection
 - Login Name: <work repository login name>
 - User: <"SUPERVISOR">
 - Password: <supervisor password>
- b. Database Connection (Master Repository)
 - Validate the Master Repository database details.
- c. Work Repository
 - Select the Work Repository option and select the repository you just created.

Figure 9–17 Repository Connection Information



15. Test your credentials information using the **Test** button. If you are successful then click **OK**.

Figure 9–18 Test

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16. Select OK from Oracle Data Integrator Login dialog.

Figure 9–19 Oracle Data Integrator Login

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Import ODI Interfaces

Use the following procedure to import ODI interfaces using Smart Import:

- **1.** Log in to the Work Repository in Oracle Data Integrator (ODI) Studio to import all the interfaces:
- 2. Select the Import option from the Designer tab.

Figure 9–20 Import

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3. Select the Smart Import option on the Import Selection dialog and click OK.

Figure 9–21 Smart Import

4. If integration is with EBS, then

Select SmartExport_RMS_EBS_Account_Entry.xml file in the File Selection Field and click **Next**. This file can be found in \$INSTALL_ DIR/retail-financial-integration-solution/etl-based-integration/retail-to-ebsfin-etlflows/retail-to-ebsfin-odi-project/WorkRepository/.

If integration is with PeopleSoft, then

 Select SmartExport_RMS_PSFT_Account_Entry.xml file in the File Selection Field and click Next. This file can be found in \$INSTALL_ DIR/retail-financial-integration-solution/etl-based-integration/retail-to-psftfi n-etl-flows/retail-to-psftfin-odi-project/WorkRepository/.

Figure 9–22	Smart Import - Step 1 of 3
-------------	----------------------------

ile Selection			
File Selection	Integrator. To preset all fields	guide you through the process of importing objects into replay a previous Smart Import wizard execution select 	a Response File to

5. Click Next.

File Selection	No Issues			
Import Actions	Object Match Details	:(**	40) 6 5	****
Summary	Import Object	Action	Repository Object	t Issues
	Issue Details:		(#	\$\frac{1}{2}
	Issue Details: Issue Type	Description	Action	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c

Figure 9–23 Smart Import - Step 2 of 3

6. Click Finish.

Figure 9–24 Smart Import - Step 3 of 3

Summary	
File Selection Import Actions Summary	Select Finish to run the Smart Import. Select Save Response File to save a Smart Import execution File Selection: bsfin-odi-project/WorkRepository/SmartExport_RMS_EBS_Account_Entry.xm
Summary	No Issues

7. Similarly, perform Smart Import for the other ODI Interfaces listed below based on whether integrating financial applications is EBS or PeopleSoft

If EBS then,

- SmartExport_ReIM_EBS_Account_Entry.xml
- SmartExport_ReIM_EBS_Invoice_Entry.xml

If PeopleSoft then

- SmartExport_ReIM_PSFT_Account_Entry.xml
- SmartExport_ReIM_PSFT_Invoice_Entry.xml

Update Connection Information

For EBS Integration:

In Topology, under Physical Architecture, Technologies -> Oracle, update the Database Connection details in the Physical Server and Physical schema as shown in the table below.

Figure 9–25 Database Connection Details



Table 9–1 Database Connection Details - Physical Server and Physical Schema

Physical Ser	rver (Data Server)		Physical Sch	ema
Name	Definition > Connection	JDBC	Schema (Schema)	Schema (Work Schema)
EBIZ DS	User: <apps Schema Name></apps 	Update EBS JDBCUrl	APPS Schema	RFI_ODI_TEMP Schema
	Password: <apps Schema Password></apps 			
EBIZ_AP	User: <ap schema<br="">Name></ap>	Update EBS JDBCUrl	AP Schema	RFI_ODI_TEMP Schema
	Password: <ap Schema Password></ap 			
RETAIL DS	User: <rms user<br="">Schema Name></rms>	Update RMS JDBCUrl	RMS Schema Owner	RMS Schema Owner
	Password: <rms User Schema Password></rms 			
RFI_LOGS	User: <orfi Schema Name></orfi 	Update ORFI JDBCUrl	ORFI Schema	ORFI Schema
	Password: <orfi Schema Password></orfi 			

Physical Se	erver (Data Server)		Physical S	chema
RFI_ RETAIL_ XREF	User: <orfi Schema Name> Password: <orfi Schema Password></orfi </orfi 	Update ORFI JDBCUrl	ORFI Schema	ORFI Schema

 Table 9–1 (Cont.) Database Connection Details - Physical Server and Physical Schema

- 1. For EBIZ DS, EBIZ_AP, provide the E-Business Suite database connection.
- 2. For RETAIL DS, provide the Retail database connection.
- **3.** For RFI_LOGS, RFI_RETAIL_XREF provide the ORFI Infrastructure database connection.
- **4.** Click **Test Connection** on the physical server to verify that the connection information is correct.
- **5.** In the physical schema, verify that the context (Global and RETL_TO_EBIZ) is mapped to the logical schemas as shown in the table below. If the mapping is missing, map the logical schemas as shown in the table below.

Figure 9–26 Verify

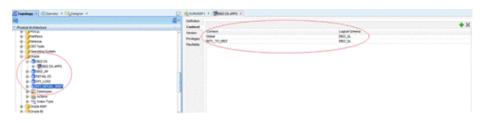


Table 9–2 Logical Schema Mapping

Physical Schema	Logical Schema
EBIZ DS.APPS	EBIZ_GL
EBIZ_AP.AP	EBIZ_AP
RETAIL DS.RMS	Retail
RFI_LOGS.RFI	RFI_LOGS
RFI_RETAIL_XREF.RFI	RFI_RETAIL_XREF

For PeopleSoft Integration:-

In Topology, under Physical Architecture, Technologies -> Oracle, update the Database Connection details in the Physical Server and Physical schema as shown in the table below.

Table 9–3 Database Connection Details - Physical Server and Physical Schema

Physical Server (Data Server)			Physical Schema		
Name	Definition > Connection	JDBC	Schema (Schema)	Schema (Work Schema)	

Physical Serv	ver (Data Server)		Physical Sch	ema
PEOPLESOF T DS	User: < <i>APPS</i> Schema Name>	Update PeopleSoft	SYADM Schema	RFI_ODI_TEMP Schema
	Password: <apps Schema Password></apps 	JDBCUrl		
RETAIL DS	User: <rms user<br="">Schema Name></rms>	Update RMS JDBCUrl	RMS Schema Owner	RMS Schema Owner
	Password: <rms User Schema Password></rms 			
RFI_LOGS	User: <orfi Schema Name></orfi 	Update ORFI JDBCUrl	ORFI Schema	ORFI Schema
	Password: <orfi Schema Password></orfi 			
RFI_ RETAIL_	User: <orfi Schema Name></orfi 	Update ORFI JDBCUrl	ORFI Schema	ORFI Schema
XREF	Password: <orfi Schema Password></orfi 			

Table 9–3 (Cont.) Database Connection Details - Physical Server and Physical Schema

- 1. For PEOPLESOFT DS, provide the PeopleSoft Suite database connection.
- 2. For RETAIL DS, provide the Retail database connection.
- **3.** For RFI_LOGS, RFI_RETAIL_XREF provide the ORFI Infrastructure database connection.
- **4.** Click **Test Connection** on the physical server to verify that the connection information is correct.
- **5.** In the physical schema, verify that the context (Global and RETL_TO_PSFT) is mapped to the logical schemas as shown in the table below. If the mapping is missing, map the logical schemas as shown in the table below.

Physical Schema	Logical Schema
PEPOPLESOFT DS.SYSADM	PeopleSoft
RETAIL DS.RMS01	Retail
RFI_LOGS.RFI01	RFI_LOGS
RFI_RETAIL_XREF.RFI01	RFI_RETAIL_XREF

Table 9–4 Logical Schema Mapping

Scenario Test

In this section, you need to do similar things to the three packages in ORFI. In this guide we only use the Migrate RMS to EBIZ Acc Entry Package / Migrate RMS to PSFT Acc Entry Package, for example.

Scenario

In ODI Topology, navigate to Physical Architecture -> Agents.

Make sure the RFI_AGENT is available and default to port 20910

Figure 9–27 Agents

Designer Operator Topology	Start Page ORFLAGENT		
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Run Agent Scheduler

The following steps are provided as guidance and can be found in ODI documentation.

These graphical UI steps will guide you for standalone ODI agent configuration, starting and testing the agent. ODI 12c agent configuration is now graphical wizard tool. The domain is similar to WLS domain.

 Navigate to <odi install directory>Oracle/Middleware/Oracle_ Home/odi/common/bin.

In Unix:

./config.sh
For Windows:

The configuration wizard pops up. Select the "Create a new domain" option.

Figure 9–28 Configuration Type Window



2. After providing/chosing the domain location, Click Next.

Figure 9–29 Templates Window



3. Chose the first checkbox, Oracle Data Integrator-Standalone Agent -12.2.1.3.0.

Figure 9–30 JDK Selection Window

JDK Selection			$\langle \rangle$
 Update Domain Templates JDK Selection Database Configuration Type Component Datasources JBEC Test System Components ODI Server Configuration Configuration Summary Configuration Progress End Of Configuration 	JDK	dur-Inx/Oracle/Middleware/jdk/jdk7/jdk	1.7.0_45

- 4. Chose the JDK path.
- **5.** Enter DBMS/Service information (not a database instance) example orcl.example.com and enter DB host name, port information.

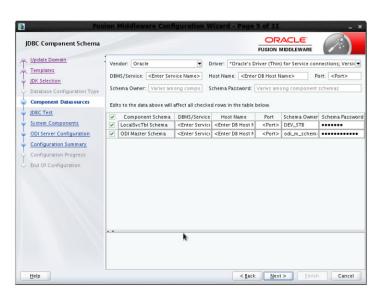
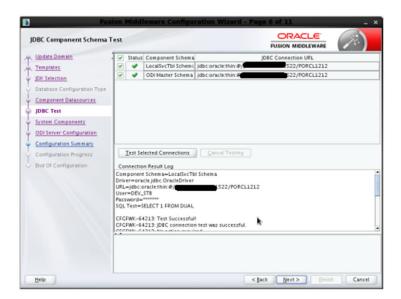


Figure 9–31 JDBC Component Schema Window

6. Enter dev_stb schema hostname, service and port information and also password, this is the services related table that would be been created using RCU. Enter similar information for ODI master schema.

Figure 9–32 JDBC Component Schema Test Window



System Components				
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JDBC Test				
System Components				
ODI Server Configuration				
Configuration Summary				
Configuration Progress				
End Of Configuration				
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Figure 9–33 System Components Window

Figure 9–34 ODI Server Configuration Window

ODI Server Configuration				
V Update Domain Vendate	System Component: Server Listen Address: Server Listen Port: Supervisor Username: Supervisor Password: Preferred Datasource:	RFLACENT localhost 20910 SUPERVISOR eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee		
			k	



Figure 9–35 Configuration Summary Window

To start the RFI_AGENT agent

Navigate to location where you created the odi base domain, refer to first step.<Domain home>Oracle/Middleware/Oracle_Home/user_projects/domains/base_domain/bin and type.

agent.sh -NAME=RFI_AGENT -PORT=20910
You should see:

```
<date and time> NOTIFICATION ODI-1111 Agent RFI_AGENT started. Agent version:
12.2.1.3 - date. Port: 20910. JMX Port: 21910.
Do not close the window.
```

To test if the agent is successfully running:

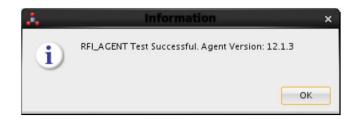
Log into ODI with appropriate credentials and navigate to Topology tab. On the physical agent section, expand Agents, and click on RFI_AGENT. On the right pallet, click on 'Test' tab.

Figure 9–36 Test Tab

Designer Operator Topology - Security	(2) Start Page	the second				
lesigner uperator topology security		ORFLAGENT	Server Template Damby Se	ettings		-
- Physical Architecture	Definition					
- 🕞 Technologies	Datasources	@ Agent				
	Properties	Name:	RFLAGENT			
a galacan	Load balancing	Host:	localhost	Port	20910	
	Version Privileges	Web application context:	oraclediagent	Protocol:	http	
	Flexfields	Maximum number of sessions:	1000			
		Maximum number of threads:	1000	Maximum threads per session:	0	
		Session Blueprint Cache Mar	agement			
		Maximum cache entries:	100			
		Unused Blueprint Lifetime (800			
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You should see this message.

Figure 9–37 Test Message



The following scripts are located in <ODI_INSTALL_DIR>/oracledi/agent/bin/.

You need to configure odiparams.sh script to schedule an ODI agent. This odiparams.sh script is located in <ODI_INSTALL_ DIR>/oracledi/agent/bin/odiparams.sh

1. You need to run encode.sh script to generate your password in the encoded format and this is used in odiparams.sh script.

The script takes one argument on the command line: password.

Example: prompt\$ encode <password>

- **2.** sh encode.sh <password>
- **3.** Modify odiparams file. Set the following lines as indicated in order to connect them to the work repository. For example:

In Windows OS (odiparams.bat),

set ODI_MASTER_DRIVER=oracl.jdbc.driver.OracleDriver
set ODI_MASTER_URL=<JDBC Connection URL to ODI>
set ODI_MASTER_USER=<ODI Master Schema>
set ODI_MASTER_ENCODED_PASS=<ODI Master Schema password>
set ODI_SUPERVISOR=SUPERVISOR

```
set ODI_SUPERVISOR_ENCODED_PASS=<ODI SUPERVISOR password>
set ODI_SECU_WORK_REP=<ODI Work Repository name>
In Linux/Unix OS (odiparams.sh),
ODI_MASTER_DRIVER=oracle.jdbc.driver.OracleDriver
ODI_MASTER_URL=<JDBC Connection URL to ODI>
ODI_MASTER_USER=<ODI Master Schema>
ODI_MASTER_ENCODED_PASS=<ODI Master Schema password>
ODI_SUPERVISOR=SUPERVISOR
ODI_SUPERVISOR_ENCODED_PASS=<ODI SUPERVISOR password>
ODI_SECU_WORK_REP=<ODI Work Repository name>
```

4. Use the agent.sh script to start an agent.

Example:

prompt\$ agent "-NAME=<physical agent name>"

prompt\$ agent "-NAME=RFI_AGENT"

sh agent.sh "-NAME=<physical agent name>

You should see a message that the agent is started successfully.

5. Test the agent to ensure it is up and running. Click on the Test portion of the menu (View Schedule, Update Schedule, Test, and Generate Server Template). Agent Test Successful message should be displayed.

Generate Scheduler

- In ODI designer, navigate to Load Plans and Scenarios, and select scenario MIGRATE_RMS_TO_EBIZ_ACC_ENTRY_PACKAGE if integrating with EBS. While integrating with PeopleSoft then MIGRATE_RMS_TO_PSFT_ACC_ENTRY_ PACKAGE
- **2.** Select Existing Scheduling. Make sure the context is set to RETL_TO_EBIZ and the agent is selected as RFI_AGENT
- **3.** You need to select an Execution option based on the ORFI requirement and then save the changes.

Figure 9–38 Scheduling

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Load Plans and Scenarios		Version	LogLevel	5	•	
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8-49 Variables			() Ad	tve .		
😸 🚮 Executions 😞 📲 Scheduling			⊙ ≥ve			
AND ALTS TO BEEFINE AGENT				ive for the period:		
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an 20 ann à chanth ann an thair			8	tinding	Cete: Apr 30, 2013	• Tele: 2131:33 //4 🖉 🎟
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			Ebeer	tion		
			() Ser () Ho () Ho () We () Mo	aty ly ekily ethis (day of the month) ethis (week day)	Dete: Apr 26, 2013 💌	ne: (0.000 m(2) 📰

4. Similarly, schedule the scenarios for the other ODI Interfaces

- **5.** LOAD_REIM_TO_EBS_INVOICE_ENTRY_PACKAGE if integrating with EBS. While integrating with PeopleSoft then REIM_TO_EBS_ACCOUNT_ENTRY_ DATA_MIGRATION if integrating with EBS. While integrating with PeopleSoft then
 - Load ReIM To PSFT Acct Entry PKG

Update Schedule

Go back to Topology and find your physical agent and then right-click and update the schedule.

Check

The agent runs at a predefined execution time as defined in the schedule. When it runs, you can check it in the Operator. You can also check the data in the EBS side interface tables to determine if the execution is successful and the data has been moved to the EBS interface tables.

A

Appendix: Troubleshooting PeopleSoft Services

This section provides few guidelines around few issues one might encounter while configuring PeopleSoft services to integrate with ORFI

Note: These are broad guidelines. If problem persists then get a PeopleSoft administrator should validate the installation and service availability.

Error - Building the Project Objects

If you encounter either of the below mentioned errors while building the PeopleSoft project objects, try This section provides guidelines around few issues one might encounter while configuring PeopleSoft services to integrate with ORFI

Issue:

Open file operation failed. <FilePath>\PSBUILD.LOG

Build Scope	Build		
RFI_COMM_WRK RFI_WS_SEC_TBL	Cancel	plication Designer Open Re operation failed for Re C:VUsers\pittuser	
	Circate Indexes Circate Views Atter Tables Circate Trigger	VAppDataVLoca/Temp1/PSBUILD LOG (76.2)	+
	Build Execute Options		
	Build script file Execute SQL now Execute and build script		

Figure A–1 Build

Resolution:

Ensure to set the valid path for the log file shown in the above screen. Below screen shot shows how to change and validate the log file path.

Figure A–2 Log File Path

huld	13	Build Settings	
Build Scope RFI_COMM_WPIK RFI_WS_SEC_TBL	Build Options Cancel Settings Create Tables Create Indexes Create Views After Tables Create Views After Tables Create Signer Build scopt file Execute SQL now	Create Aiter Logging Scripts Logging Level Fatal encors and warnings Fatal encors, warnings and informational messages Logging Output Log to output window Log to file Log 16 file Log 16 file	
	Execute and build script	OK	Cancel

Issue:

Open file operation failed. <FilePath>\PSBUILD.SQL

Figure A–3 Operation Failed

Build Scope	Build		
RFI_COMM_WRK RFI_WS_SEC_TBL	Cancel Settings Build Options Create Tables Create Indexes Create Verves Alter Tables Create Tables Create Tables Create Tables Create Tables Create Tables Build Execute Options	Application Designer Open lile operation failed for lile C-Wisen'suffuser VepDieta'sLoca/Temp121V/SBUILD-SQL (76.2) OK Explain	1
	Build script Ne Execute SQL now Execute and build script		

Resolution:

Ensure to set a valid Set a valid path for the SQL file in Scripts tab. Check the below screen shot

huild	12	Build Settings		
Build Scope RFI_CONM_WRK RFI_WS_SEC_TBL	Build Options Cancel Settings Cancel Cance	Deste Alter Logging Script Comments Write Alter comments to script Script File Options Output to single file Dutput to separate files Script File Names All Output File Name: CNUser	Script File Save as Unicode File Overwrite Options Adways overwrite Phompt for each overwrite Uptifluseri ApgOata'Local'.Terr	

Figure A–4 Scripts Tab

Issue:

PeopleSoft service is not able to deliver messages to RFI. The system will throw an error message:

"Integration Gateway - HttpTargetConnector:ExternalApplicationException. Http status code HttpStatusCode returned : 500. (158,10623) RFI_INT_AP.RFI_ WEBSERVICE_AP.RFI_WEBSERVICE_AC.OnExecute Name:RFI_Meth_InitRequest PCPC:8443 Statement:111...."

Resolution:

Follow the below mentioned steps and screen prints:

- 1. Check the Target system is up and running (ORFI is the Target system)
- 2. Validate the Primary URL value of the Target system in PeopleSoft :-

Navigation: Main Menu -> PeopleTools -> Integration Broker -> Integration Setup -> Service Operation

Note: Routing parameter value needs to be checked for respective Service Operation. Below are list of Service operations used with ORFI. Please note these are not exact names of the service operation.

- Vendor
- Payment Terms
- Currency Rate
- COMBO CF Edit Request
- DrillForwardBackward Service

The screenshots below show navigation for Vendor Service. Similar look up needs to be done for the service which has issue

Navigation: Main Menu ->PeopleTools -> Integration Broker -> Integration Setup -> Services

Search for service - SUPPLIERBUSINESSEVENTHANDLERSE and click on Service Link.

Figure A–5 Services

Favorites - Main Menu - > Pe	opleTools +> Integration Broker +	Integration 5	Setup == Servi	ces
DRACLE				Home W
Services - Search				
Search Criteria				
Service	SUF	72	Add a New Va	lue
Search	REST Service			
Services	Personalize			First 1 of 1 1 Last
Service	Service Alias	Object Owner ID	Description	
SUPPLIERBUSINESSEVENTHANDLERS	E SupplierBusinessEventHandlerService		SUPPLERBUSI	NESSEVENTHANDLERSE

3. On the Service Definition page, click the Service Operation link to open Service Operation

Figure A–6 Service Operation

ORACLE		
General Handlers Routings		
Service Operation Operation Typ *Operation Description	e Synchronous	
Operation Comment		User/Password Required *Reg Verification Service Operation Security
Owner I	•	
Operation Alian	handleBusinessEvent	Used with Think Time Methods
Default Service Operation Version		
"Version	M	@ Default @ Active
Version Description	HANDLEBUSINESSEVENT	Routing Status
Version Comments	** DO NOT REMOVE **	dans for 2 month . Process and assist

4. Click the Routings tab.

Figure A–7 Routings

RACL	Æ							
eard 1 9	riandhira Rowitings							
	Sanvise Operation	HARLES ARESS	0.4947					
	Default Version	17						
		1 M M						
		Ditter Exception						
	in the second seco	The upper encludion	statua la applicativa lova	Far sitteend roding	simplifie determined. #	a shi kati kati ka	trg Ge 14 determinal tha	n the vase' anciegtion, also an
		This year anisphon actual coulog wit be			simul te determine ti d	a and internet the	mg Ger Se delermined the	n the yaar anception induce of
Evenue D	Rooting Rame	This year anisphon actual coulog wit be		Far sitioand roding	Linnel be determined. If	a sahij kuti kuni mu		
Reading De		This year anisphon actual coulog wit be			Linnel in defermined. If	Percendo Record	nig (en te determine) ha e) Field (Vien Int (\overline{O}^{0}) \overline{D}	
Rading De		The university of the actual set of the terms of the set of the se	vent	AM	Liend is determined. If Basenet Role WIDL_NODE		<) Fiel (Standard (27) (28)	Pres A Col CAL Las

5. Click the routing definition link. Look up the highlighted square in the above screen shot. This should open a pop-up window

Service Operations HoryCLERUSPECTORY Default (version: 11) ID (they Exception Mile They are societion table in summaries on it is a administration admin to the societion Manage Distributions asserted Name Version Operation Figure Service food -defCRTED-10-11 17 Salary PDFT_EP	Servic Service Opens	Protecting Content andreg larme - 407-04102 on Operations - 1447-04102 on Operations - 144 Generation 0 - 411141 - 41-02 elements Biolitic Constanting	shidata Shidatavitvit	ng Properties 19, 19, 29, 2007 F. M. of K. F. Lan
Purchase Eventer Routings Advance Evented Routings	Property ID	Property Same	Value	
Tant Rotart to Service	HEADER	Content Type	Inducti	9, 31 3
	HE-DEH	and/normerseal		A, 187 G
(Wirldwi) (Rodinge	HTTPHOPERTY	Method	Post	(a, 38) G
	HITTPROPERTY	SOAPUpContent 1		10, (±1 (±

Figure A–8 Routing Definition

6. Click on the "Connector properties" tab and validate the WSDL /Target URL reference given against "Primary URL". This should be pointing to service that is being invoked in RFI. If this is different, then Change the URL to point to the one configured in RFI. Save the changes by pressing "Save" button.

Issue:

Messages are not published to Retail from PSFT.

Resolution:

Check the status of the Domain to be active. The same can be verified by following below screen shots:-

ORAC	LE								
Domair	Statu	IS							
Domain C	iteria								
Refre	Purge Do ish	main Si	Update		Grace Period for all Domains (Minutes)		Failover Dis	abled .	
Domains						Personalize (Find View /	u (🕮 (💷	First
Failover Group	Failor Prior		Machine N	lame	Application Server Path		Domain Status	Grace Period	Slave In
			msp5222	9	/u00ioracle/product/PT8.53/ps.dghome/appa	ervitscmdmo	Active •		1
Dispatche	Status				Personalize Find	E Pr	st 1-3 of 3	& Last	
Machine Na	me	Dispate	ther Name	Applica	ition Server Path		tring Date/Tim	ne Stamp	
msp52229		PSBR	DSP_dft	/100/01	ade/product/PT8.53/ps:dphome/appservfscmd	mo ACT			
msp52229		PSPUE	SOSP_afit	/u00/or	ade/product/PT8.53/psclphome/appsen/fscmd	mo ACT			
	229 PSSUBDSP_dtt /u00/oracle/product/PT8.53/psctghome/appserv/fscmdmo ACT								

Figure A–9 Domain Status

Issue:

Invalid Business Unit error while creating Supplier in PeopleSoft. The system will throw a validation message "Operator Business Unit - XXX is not a AP Business Unit" if the Business Unit assigned to the user is not a Accounts Payable Business Unit.

Figure A–10 Error Message

Panitas+	Man Marai + 1 Supp	inta = > Despire take	matum = > Annihiptana =	Support.	
ORAC	LE				
(Brines)	Spectfying Millernation		Lauren Gammi		
		Transatt		*Supplier Narve Adubtional Narve	Raders Tool, Inc. Sa11
	*Expeller Short liame		Instearoos.eet		Wetendating Monoral fact Ordering
	*Clessification NCM Clene		:		D VKT Registration Supplier Audit (Datast •
	Parasterica Supplier Status		•		Tappier Auth
	and the second second	Appen	-	Message	
			EquetAl	Constant Constant	US001 is not a AP Business Unit
Depter.	Relationshipe			Oberativ, Entimets rug-	U0001 is rull a AP Business Unit
	Corporato Setti			The PergleCode proprie	n executed an Erviv statement, which has produced this measage
	Corporate Suppley 41	promon2	Borbers Toos, No.		Design Discourses
Daata B	di To Custonal				
		Create Bill To Cavilla	mar		

Resolution:

Check the default business unit assigned to the current user by following below mentioned steps.

Navigation: Main Menu -> SetUp Financials/Supply Chain -> Common Definitions -> User Preferences -> Define User Preferences

1. Click on Overall Preferences to open the preferences assigned to the user as shown in the below screen shot:-

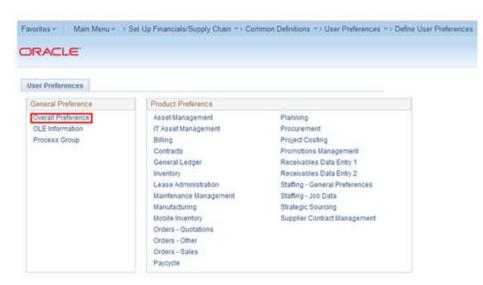


Figure A–11 Define User Preferences

2. Verify the Business Unit assigned to the user is defined as a Payable Business Unit. If not, make a business decision like whether to add the Business Unit or change the Business unit of the user.

Navigation: Main Menu -> Set up Finance / Supply Chain -> Business Unit Related -> Payables -> Payables Definition

Figure A–12 Payables Definition

Favorites - Main Menu - > Set Up Financials/Supply	y Chain \Rightarrow Business Unit Related \Rightarrow Payables \Rightarrow F	Payables Definition
Payables Definition Enter any information you have and click Search. Leave fields Find an Existing Value Add a New Value	blank for a list of all values.	
Search Criteria	Look Up Business Unit Business Unit: begins with US001 Description: begins with	×
Search Clear Basic Search Search Cr	Look Up Clear Cancel Basic Lookup Search Results	
Find an Existing Value Add a New Value	View 100 First () 1 of 1 () Last Business Unit Description US001 US001 NEW YORK OPERATIONS	

Appendix: JSON in Tabular Format

Table B–1 Legend

Grey: No editable configuration

White: Needs update.

Table B–2 EBS – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
RfiDeploymentEnvInfo			l
integrationToEbsOrPsft		EBS	N
DataSourceDef			
EbsDataSource	EBS database connection details		
dataSourceName	Name of the datasource that the installer creates to connect to EBS	EbsDataSource	N
dataSourceClass	DataSource class the installer will configure for the data source	oracle.jdbc.xa.client.OracleXADat aSource	N
dataSourceJndiName	JNDI Name used by the RFI application to connect to the database	jdbc/EbsDataSource	N
jdbcUrl	EBS JDBC connection URL. Specify the connection URL for your EBS installation.	jdbc:oracle:thin:@//ebsdbhost.ex ample.com:1521/orcl	Y
jdbcUserAlias	EBS user name alias. Do not change the default value.	ebsDataSourceUserAlias	Ν
jdbcUser	User (schema name) for the EBS database.	GET_FROM_WALLET	N
jdbcPassword	Password for the EBS database.	GET_FROM_WALLET	N
RmsDataSource	RMS database connection details		
dataSourceName	Name of the datasource that the installer creates to connect to RMS database	RmsDataSource	N
dataSourceClass	DataSource class the installer will configure for the data source	oracle.jdbc.OracleDriver	N
dataSourceJndiName	JNDI name used by the RFI application to connect to the AQ database	jdbc/RmsDataSource	N

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
jdbcUrl	RMS JDBC connection URL. Specify the connection URL for RMS DB.	jdbc:oracle:thin:@//rmsdbhost.ex ample.com:1521/orcl	Y
jdbcUserAlias	User name alias. Do not change the default value.	rmsDataSourceUserAlias	Ν
jdbcUser	User (schema name) for the RMS database.		
jdbcPassword	Password for the RMS database.	GET_FROM_WALLET	N
RfiDataSource	RFI database connection details		
dataSourceName	Name of the datasource that the installer creates to connect to RFI database.	RfiDataSource	N
dataSourceClass	DataSource class the installer will configure for the data source	oracle.jdbc.xa.client.OracleXADat aSource	N
dataSourceJndiName			N
jdbcUrl	RFI JDBC connection URL. Please specify the connection URL for your RFI DB. jdbc:oracle:thin:@//rfidbhost.exa mple.com:1521/orcl		Y
jdbcUserAlias	User name alias. Do not change rfiDataSourceUserAlias the default value.		Ν
jdbcUser	User (schema name) for the RFI database.	GET_FROM_WALLET	N
jdbcPassword	Password for the RFI database.	GET_FROM_WALLET	N
OdiMasterDataSource	ODI Master Repository database co	onnection details	
dataSourceName	ODI database's data source name used to identify the data source to ODBC.	OdiMasterDataSource	N
dataSourceClass	DataSource class that the installer will use to configure the data source	oracle.jdbc.OracleDriver	N
dataSourceJndiName	JNDI name used by the RFI application to connect to the database	jdbc/OdiMasterDataSource	N
jdbcUrl	ODI JDBC connection URL jdbc:oracle:thin:@//odimast tname.us.custom.com:1521/jb		Y
jdbcUserAlias	Jdbc user name alias. Do not change the default value.	odiMasterDataSourceUserAlias	N
jdbcUser	User (schema name) for the ODI master repository database.	GET_FROM_WALLET	N
jdbcPassword	Password for the ODI master repository database.	GET_FROM_WALLET	N
OdiWorkDataSource	ODI work repository database con	nection details	

Table B–2 (Cont.) EBS – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
dataSourceName	Data source name used to identify ODI work database Do not change the default value.	OdiWorkDataSource	Ν
dataSourceClass	Datasource class. Do not change the default value.	oracle.jdbc.OracleDriver	N
dataSourceJndiName	JNDI name, in case JNDI is used for connection. Do not change the default value.	jdbc/OdiWorkDataSource	N
jdbcUrl	ODI JDBC connection URL.	jdbc:oracle:thin:@//odiworkhost name.us.custom.com:1521/plgdb	Y
jdbcUserAlias	JDBC user name alias for work repository schema. Do not change the default value.	odiWorkDataSourceUserAlias	N
jdbcUser	DB user name for the ODI work repository schema.	GET_FROM_WALLET	N
jdbcPassword	Password for the ODI ODI work repository schema.	GET_FROM_WALLET	N
OdiStagingAreaDataSou rce	ODI Staging Area database connec	tion details	
dataSourceName	ODI staging database connection details. It is recommended to have the ODI staging schema (RFI_ODI_TEMP) in the EBS or PeopleSoft database.	OdiStagingAreaDataSource	N
dataSourceClass	ODI staging datasource class. Do not change the default.	oracle.jdbc.OracleDriver	N
dataSourceJndiName	ODI staging JNDI name. Do not change the default value.	jdbc/OdiStagingAreaDataSource	N
jdbcUrl	ODI RFI staging area JDBC connection URL.	jdbc:oracle:thin:@//odistagingho stname.us.custom.com:1521/plgd b	Y
jdbcUserAlias	JDBC user name alias for staging repository. Do not change the defaults.	odiStagingAreaDataSourceUserA lias	N
jdbcUser	DB User name for the ODI Staging Area schema.	GET_FROM_WALLET	N
jdbcPassword	Password for the ODI Staging Area schema.	GET_FROM_WALLET	N
MiddlewareServerDef			
RfiAppServer	RfiAppServer- WebLogic domain configuration details		
weblogicDomainName	RfiAppServer configuration, WebLogic domain name	RFIDomain	Y
weblogicDomainHome	RFI domain home.	<wls-home>/user_ projects/domains/RFIDomain</wls-home>	Y
weblogicDomainAdmin ServerUrl	WebLogic domain admin server URL.	t3://rfiserver.example.com:19301	Υ

Table B–2 (Cont.) EBS – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
weblogicDomainAdmin ServerProtocol	WebLogic admin server protocol.	t3	N
weblogicDomainAdmin ServerHost	Weblogic server host name.	rfiserver.example.com	Y
weblogicDomainAdmin ServerPort	Port information of weblogic server.	19301	Y
weblogicDomainAdmin ServerUserAlias	Weblogic server User name alias.	rfiAppServerAdminServerUserAl ias	Ν
weblogicDomainTarget ManagedServerName	Weblogic Domain Target Managed Server name.	rfi-server	Y
glAccountValidationSer viceEndPointUrl	End point URL for GL account validation Service without RSB configuration.	http://myhostname:7001/GlAcc ountValidationBean/GlAccountV alidationService?WSDL	Υ
glAccountValidationSer viceEndPointUserAlias	User alias information for GL account validation service. Do not change the default value.	glAccountValidationServiceEndP ointUserAlias	N
glAccountValidationSer viceEndPointUser	End point User name.	GET_FROM_WALLET	N
glAccountValidationSer viceEndPointPassword	End point User password.	GET_FROM_WALLET	N
glAccountValidationSer viceEndPointSecurityPol icyName	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure.(Note: Use https for Policy A setting)	unsecure	Y
rfiAdminUiUrl	URL for RFI Admin UI.	http://myhostname:7001/retail-f inancial-integration-web	Y
rfiAdminUiUserGroup	Admin user group. Do not change the default value.	RfiAdminGroup	N
rfiAdminUiUserAlias	RFI admin UI user name alias. Do not change the default value.	rfiAdminUiUserAlias	N
rfiAdminUiUser	RFI admin UI user name.	GET_FROM_WALLET	N
rfiAdminUiPassword	End point user password.	GET_FROM_WALLET	N
smtpServerHost	RFI SMTP (Simple Mail Transfer Protocol) server host information.	smtp.example.com	Y
smtpServerPort	RFI SMTP server port information.	465	Y
smtpServerListenerType	RFI SMTP server listener type (for example, SSL or TSL).	SSL	N
smtpAuthenticationReq uired	Enter "TRUE" if authentication required for SMTP server, else "FALSE".	TRUE	Y
smtpMailFromAddress	Enter the sender email Address.	sender_email_ address@example.com	Y

Table B–2 (Cont.) EBS – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
smtpMailFromAddress Alias	Alias for From Address. Do not change the default value.	smtpMailFromAddressAlias	N
smtpMailFromAddressP assword	Password for the from email address.	GET_FROM_WALLET	Ν
smtpMailToAddressList	Comma seperated list of receipient email addresses.	receiver_email_address@abc.com, receiver_email_ address2@abc.com	Y
IgsAppServer	RFI Integrated Gateway Services detail for Currency Rate service		
currencyRateServiceEnd PointUrl	IGS Currency Rate endpoint URL (if no RSB is configured).	http://igshostname:19201/CurR atePublishingBean/CurRatePubli shingService?wsdl	Y
	IGS Currency Rate endpoint URL (If RSB is configured).	http://igshostname:19201/igs-C urRatePublishing-AppServiceDec orator/ProxyService/CurRatePu blishingAppServiceProxy?wsdl	Y
currencyRateServiceEnd PointUserAlias	Alias for Currency Rate service End point User Alias. Do not change default value.	currencyRateServiceEndPointUse rAlias	Ν
currencyRateServiceEnd PointUser	UserName for Currency Rate service.	GET_FROM_WALLET	N
currencyRateServiceEnd PointPassword	Password for Currency Rate service.	GET_FROM_WALLET	N
currencyRateServiceEnd PointSecurityPolicyNam e	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure.	unsecure	Y
	(Note: Use https for Policy A setting)		
currencyRateServiceEnd PointPolicyBSecurityPoli cy.wsKeystorePassword UserAlias	WSKeyStore Password User Alias for Currency Rate service End point PolicyB.	currencyRate#keystore-password -user-alias	Ν
currencyRateServiceEnd PointPolicyBSecurityPoli cy.wsKeyPublicPrivateK eyAlias	WSKeyPublicPrivateKey Alias forCurrency Rate service End point User PolicyB.	currencyRate#remote-host-public -private-key-alias	N
RmsAppServer	RFI Integrated Gateway Services detail for Supplier service		
supplierServiceEndPoint Url	Supplier service endpoint URL information (with no RSB).	http://rmshostname.example.co m:19203/SupplierBean/Supplier Service?WSDL	Y
	Supplier service endpoint URL (with RSB).	http://rmshostname.example.co m:19203/rms-Supplier-AppServic eDecorator/ProxyService/Suppli erAppServiceProxy?wsdl	Y
supplierServiceEndPoint UserAlias	Alias for Supplier service. Do not change the default.	supplierServiceEndPointUserAlia s	N
supplierServiceEndPoint User	UserName for Supplier Service End point User.	GET_FROM_WALLET	N

Table B–2 (Cont.) EBS – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
supplierServiceEndPoint Password	Password for Supplier service.	GET_FROM_WALLET	N
supplierServiceEndPoint SecurityPolicyName	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure. (Note: Use https for Policy A setting)	unsecure	Y
supplierServiceEndPoint PolicyBSecurityPolicy.w sKeystorePasswordUser Alias	WSKeyStore Password User Alias for Supplier Service End point User Alias.	supplier#keystore-password-user -alias	N
supplierServiceEndPoint PolicyBSecurityPolicy.w sKeyPublicPrivateKeyAl ias	WSKeyPublicPrivateKey Alias for Supplier Service End point User Alias.	supplier#remote-host-public-priv ate-key-alias	N
EbsAppServer	EBS App Server Configuration Details		
ebsInstanceJavaTopLoca tion	EBS server \$JAVA_TOP folder path.Note: If EBS is installed on Oracle Application Server substitute the corresponding OAS/oc4j information instead of WebLogic server information	/u01/applmgr/apps/apps_ st/comn/java/classes	Y
weblogicDomainName	EBS WebLogic Domain Name.	ebs_domain	Y
weblogicDomainHome	EBS WebLogic Domain Home.	/path/ebs_domain	Y
weblogicDomainAdmin ServerUrl	EBS WebLogic domain admin server URL.	t3://ebshostname:7001	Y
weblogicDomainAdmin ServerUserAlias	EBS WebLogic domain admin server user alias	ebsAppServerAdminServerUser Alias	N
weblogicDomainAdmin ServerUser	EBS WebLogic admin server user name.	GET_FROM_WALLET	N
weblogicDomainAdmin ServerPassword	EBS WebLogic admin server password.	GET_FROM_WALLET	N
RfiBulkServer	RFI Bulk Server ODI Configuration Details		
odiHost	ODI host name. Host name of the machine where ODI is installed.	Odihostname	Y
odiUrl	Path in machine name(odihostname), where ODI is installed.	/path_where_odi_is_ installed/oracledi/agent	Y
odiUserAlias	ODI user alias. Do not change the default	rfiBulkServerOdiUserAlias	N
odiUser	ODI User Name.	GET_FROM_WALLET	N

 Table B-2
 (Cont.)
 EBS - JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
odiPassword	ODI user name password.	GET_FROM_WALLET	Ν
odiAgentHost	ODI agent host name. Name of the machine where ODI agent is installed. Typically, this is the same machine which is a source.	odihostname	Y
odiAgentPort	ODI agent port information. Constant/ recommended to be 20910.	20910	Ŷ

Table B–2 (Cont.) EBS – JSON Configuration

Table B-3 PeopleSoft – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
RfiDeploymentEnvInfo			
integrationToEbsOrPsft		PSFT	N
DataSourceDef			
PsftDataSource	Peoplesoft database connection details		
dataSourceName	Name of the datasource that the installer creates to connect to Peoplesoft	PsftDataSource	N
dataSourceClass	DataSource class the installer will configure for the data source	oracle.jdbc.xa.client.OracleXADat aSource	N
dataSourceJndiName	JNDI Name used by the RFI application to connect to the database	jdbc/PsftDataSource	N
jdbcUrl	Peoplesoft JDBC connection URL. Specify the connection URL for your Peoplesoft installation.	jdbc:oracle:thin:@//ebsdbhost.ex ample.com:1521/orcl	Y
jdbcUserAlias	Peoplesoft user name alias. Do not change the default value.	psftDataSourceUserAlias	Ν
jdbcUser	User (schema name) for the Peoplesoft database.	GET_FROM_WALLET	N
jdbcPassword	Password for the Peoplesoft database	GET_FROM_WALLET	N
RmsDataSource	RMS database connection details		
dataSourceName	Name of the datasource that the installer creates to connect to RMS	RmsDataSource	N
dataSourceClass	DataSource class the installer will configure for the data source	oracle.jdbc.OracleDriver	N
dataSourceJndiName	JNDI name used by the RFI application to connect to the database	jdbc/RmsDataSource	N

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
jdbcUrl	RMS JDBC connection URL. Specify the connection URL for RMS DB.	jdbc:oracle:thin:@//rmsdbhost.ex ample.com:1521/orcl	Y
jdbcUserAlias	User name alias. Do not change the default value.	rmsDataSourceUserAlias	N
jdbcUser	User (schema name) for the RMS database.	GET_FROM_WALLET	N
jdbcPassword	Password for the RMS database	GET_FROM_WALLET	N
RfiDataSource	RFI database connection details		
dataSourceName	Name of the datasource that the installer creates to connect to RFI	RfiDataSource	Ν
dataSourceClass	DataSource class the installer will configure for the data source	oracle.jdbc.xa.client.OracleXADat aSource	Ν
dataSourceJndiName	JNDI name used by the RFI application to connect to the database	jdbc/RfiDataSource	N
jdbcUrl	RFI JDBC connection URL. Please specify the connection URL for your RFI DB.	jdbc:oracle:thin:@//rfidbhost.exa mple.com:1521/orcl	Y
jdbcUserAlias	User name alias. Do not change the default value.	rfiDataSourceUserAlias	N
jdbcUser	User (schema name) for the RFI database.	GET_FROM_WALLET	N
jdbcPassword	Password for the RFI database.	GET_FROM_WALLET	N
OdiMasterDataSource	ODI Master Repository database connection details		
dataSourceName	ODI database's data source name used to identify the data source to ODBC.	OdiMasterDataSource	N
dataSourceClass	DataSource class that the installer will use to configure the data source	oracle.jdbc.OracleDriver	N
dataSourceJndiName	JNDI name used by the RFI application to connect to the database	jdbc/OdiMasterDataSource	N
jdbcUrl	ODI JDBC connection URL	jdbc:oracle:thin:@//odimasterhos tname.us.custom.com:1521/plgdb	Y
jdbcUserAlias	Jdbc user name alias. Do not change the default value.	odiMasterDataSourceUserAlias	Ν
jdbcUser	User (schema name) for the ODI master repository database.	GET_FROM_WALLET	N
jdbcPassword	Password for the ODI master repository database.	GET_FROM_WALLET	N
OdiWorkDataSource	ODI work repository database connection details		

 Table B-3 (Cont.) PeopleSoft – JSON Configuration

RFI Configuration			
Property Name	Description	Example Value/Default Value	Value Editable?
dataSourceName	Data source name used to identify ODI work database Do not change the default value.	OdiWorkDataSource	N
dataSourceClass	Datasource class. Do not change the default value.	oracle.jdbc.OracleDriver	Ν
dataSourceJndiName	JNDI name, in case JNDI is used for connection. Do not change the default value.	jdbc/OdiWorkDataSource	N
jdbcUrl	ODI JDBC connection URL	jdbc:oracle:thin:@//odiworkhost name.us.custom.com:1521/plgdb	Y
jdbcUserAlias	JDBC user name alias for work repository schema. Do not change the default value.	odiWorkDataSourceUserAlias	N
jdbcUser	User name for the ODI work repository schema.	GET_FROM_WALLET	N
jdbcPassword	Password for the ODI work repository schema.	GET_FROM_WALLET	N
OdiStagingAreaDataSou rce	ODI Staging Area database connection details		
dataSourceName	ODI staging database connection details. It is recommended to have the ODI staging schema (RFI_ODI_TEMP) in the EBS or PeopleSoft database.	OdiStagingAreaDataSource	N
dataSourceClass	ODI staging datasource class. Do not change the default.	oracle.jdbc.OracleDriver	N
dataSourceJndiName	ODI staging JNDI name. Do not change the default value.	jdbc/OdiStagingAreaDataSource	N
jdbcUrl	ODI RFI staging area JDBC connection URL	jdbc:oracle:thin:@//odistagingho stname.us.custom.com:1521/plgd b	Y
jdbcUserAlias	JDBC user name alias for staging repository. Do not change the defaults.	odiStagingAreaDataSourceUserA lias	N
jdbcUser	DB User name for the ODI Staging Area schema.	GET_FROM_WALLET	N
jdbcPassword	Password for the ODI Staging Area schema.	GET_FROM_WALLET	N
MiddlewareServerDef			
RfiAppServer	Server RfiAppServer-WebLogic domain configuration details		
weblogicDomainName	RfiAppServer configuration, WebLogic domain name	RFIDomain	Y
weblogicDomainHome	RFI domain home.	<wls-home>/user_ projects/domains/RFIDomain</wls-home>	Y
weblogicDomainAdmin ServerUrl	WebLogic domain admin server URL.	t3://rfiserver.example.com:19301	Y

Table B–3	(Cont.)	PeopleSoft – JSON Configuration
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RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
weblogicDomainAdmin ServerProtocol	WebLogic admin server protocol.	t3	Ν
weblogicDomainAdmin ServerHost	Weblogic server host name.	rfiserver.example.com	Y
weblogicDomainAdmin ServerPort	Port information of weblogic server.	19301	Y
weblogicDomainAdmin ServerUserAlias	Weblogic server UserAlias name. Do not change defaults	rfiAppServerAdminServerUserAl ias	N
weblogicDomainTarget ManagedServerName	Weblogic Domain Target Managed Server name.	rfi-server	Y
glAccountValidationServ iceEndPointUrl	End point URL for GL account validation Service	http://myhostname:7001/GlAcc ountValidationBean/GlAccountV alidationService?WSDL	Y
glAccountValidationServ iceEndPointUserAlias	User alias information for GL account validation service. Do not change the default value.	glAccountValidationServiceEndP ointUserAlias	N
glAccountValidationServ iceEndPointUser	End point User name.	GET_FROM_WALLET	N
glAccountValidationServ iceEndPointPassword	End point User password. This information is sourced from a container that is used for storing authentication and signing credentials and is managed by Security Admins.	GET_FROM_WALLET	N
glAccountValidationServ iceEndPointSecurityPoli cyName	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure. (Note: Use https for Policy A setting)	unsecure	Y
drillBackForwardUrlSer viceEndPointUrl	End point URL for drillBackForward Service without RSB configuration.	http://myhostname:7001/DrillBa ckForwardUrlBean/DrillBackFor wardUrlService?WSDL	Y
	End point URL for drillBackForward Service with RSB configuration.	http://myhostname:7001/fin-Dri llBackForwardUrl-AppServiceDe corator/ProxyService/DrillBackF orwardUrlAppServiceProxy?wsdl	Y
drillBackForwardUrlSer viceEndPointUserAlias	User Alias. Do not change default value.	drillBackForwardUrlServiceEndP ointUserAlias	N
drillBackForwardUrlSer viceEndPointUser	DrillBackForward Url Service End point User name.	GET_FROM_WALLET	N
drillBackForwardUrlSer viceEndPointPassword	DrillBackForward Url Service End point User password.	GET_FROM_WALLET	N
drillBackForwardUrlSer viceEndPointSecurityPol icyName	Indicates how the Policy is secured. Options are Policy A, Policy B or Unsecure.	unsecure	Y

 Table B–3 (Cont.) PeopleSoft – JSON Configuration

RFI Configuration			
Property Name	Description	Example Value/Default Value	Value Editable?
supplierBusinessEventH andlerServiceEndPointU rl	URL information that will be used in connection for Supplier Business Event handler Service.	http://myhostname:7001/Suppli erBusinessEventHandlerBean/Su pplierBusinessEventHandlerServi ce?WSDL	Y
supplierBusinessEventH andlerServiceEndPointU serAlias	User Alias. Constant at Supplier Business Event handler Service User Alias.	supplierBusinessEventHandlerSe rviceEndPointUserAlias	Ν
supplierBusinessEventH andlerServiceEndPointU ser	Supplier Business Event handler Service User name.	GET_FROM_WALLET	N
supplierBusinessEventH andlerServiceEndPointP assword	Supplier Business Event handler Service End point User password.	GET_FROM_WALLET	N
supplierBusinessEventH andlerServiceEndPointS ecurityPolicyName	Indicates how the Policy is secured. Options are Policy A, Policy B or Unsecure.	unsecure	Y
	(Note: Use https for Policy A setting)		
payTermBusinessEvent HandlerServiceEndPoint Url	End point URL for PaytermBusiness Event Handler Service.	http://myhostname:7001/PayTer mBusinessEventHandlerBean/Pa yTermBusinessEventHandlerServ ice?WSDL"	Y
payTermBusinessEvent HandlerServiceEndPoint UserAlias	User Alias. Constant at payTermBusinessEventHandlerSe rviceEndPointUserAlias.	payTermBusinessEventHandlerSe rviceEndPointUserAlias	N
payTermBusinessEvent HandlerServiceEndPoint User	PaytermBusiness Event Handler Service End point User name.	GET_FROM_WALLET	N
payTermBusinessEvent HandlerServiceEndPoint Password	PaytermBusiness Event Handler Service End point User password.	GET_FROM_WALLET	N
payTermBusinessEvent HandlerServiceEndPoint SecurityPolicyName	Indicates how the Policy is secured. Options are Policy A, Policy B or Unsecure.	unsecure	Y
rfiAdminUiUrl	URL for RFI Admin UI.	http://myhostname:7001/retail-f inancial-integration-web	Y
rfiAdminUiUserGroup	Admin user group. Do not change the default value.	RfiAdminGroup	N
rfiAdminUiUserAlias	RFI admin UI user name alias. Do not change the default value.	rfiAdminUiUserAlias	N
rfiAdminUiUser	RFI Admin UI User name.	GET_FROM_WALLET	N
rfiAdminUiPassword	End point User password.	GET_FROM_WALLET	N
smtpServerHost	RFI SMTP (Simple Mail Transfer Protocol) server host information.	smtp.example.com	Y
smtpServerPort	RFI SMTP server port information.	465	Y
smtpServerListenerType	RFI SMTP server listener type (for example, SSL or TSL).	SSL	N

 Table B–3 (Cont.) PeopleSoft – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
smtpAuthenticationReq uired	Enter "TRUE" if authentication required for SMTP server, else "FALSE".	TRUE	Y
smtpMailFromAddress	Enter the sender email Address.	sender_email_ address@example.com	Y
smtpMailFromAddressA lias	Alias for From Address. Do not change the default value.	smtpMailFromAddressAlias	N
smtpMailFromAddressP assword	Password for the from email address.	GET_FROM_WALLET	N
smtpMailToAddressList	Comma seperated list of receipient email addresses.	receiver_email_address@abc.com, receiver_email_ address2@abc.com	Y
IgsAppServer	RFI Integrated Gateway Services detail for Currency Rate service		
currencyRateServiceEnd PointUrl	IGS Currency Rate endpoint URL (if no RSB is configured).	http://igshostname:19201/CurRa tePublishingBean/CurRatePublis hingService?wsdl	Y
	IGS Currency Rate endpoint URL (If RSB is configured).	http://igshostname:19201/igs-C urRatePublishing-AppServiceDec orator/ProxyService/CurRatePu blishingAppServiceProxy?wsdl	Y
currencyRateServiceEnd PointUserAlias	Alias for Currency Rate service End point User Alias. Do not change default value.	currencyRateServiceEndPointUse rAlias	N
currencyRateServiceEnd PointUser	UserName for Currency Rate service.	GET_FROM_WALLET	N
currencyRateServiceEnd PointPassword	Password for for Currency Rate service.	GET_FROM_WALLET	N
currencyRateServiceEnd PointSecurityPolicyNam e	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure.(Note: Use https for Policy A setting)	unsecure	Y
currencyRateServiceEnd PointPolicyBSecurityPoli cy.wsKeystorePassword UserAlias	WSKeyStore Password User Alias for Currency Rate service End point PolicyB.	currencyRate#keystore-password- user-alias	Ν
currencyRateServiceEnd PointPolicyBSecurityPoli cy.wsKeyPublicPrivateK eyAlias	WSKeyPublicPrivateKey Alias forCurrency Rate service End point User PolicyB.	currencyRate#remote-host-public- private-key-alias	N
RmsAppServer	RFI Integrated Gateway Services detail for Supplier service		
supplierServiceEndPoint Url	Supplier service endpoint URL information (with no RSB).	http://rmshostname.example.co m:19203/SupplierBean/SupplierS ervice?WSDL	Y
	Supplier service endpoint URL (with RSB).	http://rmshostname.example.co m:19203/rms-Supplier-AppServic eDecorator/ProxyService/Suppli erAppServiceProxy?wsdl	Y

 Table B-3 (Cont.) PeopleSoft – JSON Configuration

RFI Configuration		-	
Property Name	Description	Example Value/Default Value	Value Editable?
supplierServiceEndPoint UserAlias	Alias for Supplier service. Do not change the default.	supplierServiceEndPointUserAlia s	N
supplierServiceEndPoint User	UserName for Supplier Service End point User.	GET_FROM_WALLET	Ν
supplierServiceEndPoint Password	Password for Supplier service.	GET_FROM_WALLET	N
supplierServiceEndPoint SecurityPolicyName	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure.	unsecure	Y
	(Note: Use https for Policy A setting)		
supplierServiceEndPoint PolicyBSecurityPolicy.ws KeystorePasswordUserA lias	WSKeyStore Password User Alias for Supplier Service End point User Alias.	supplier#keystore-password-user- alias	N
supplierServiceEndPoint PolicyBSecurityPolicy.ws KeyPublicPrivateKeyAli as	WSKeyPublicPrivateKey Alias for Supplier Service End point User Alias.	supplier#remote-host-public-priv ate-key-alias	Ν
PsftAppServer	PSFT App Server Configuration Details		
weblogicDomainName	PSFT WebLogic Domain Name.	ebs_domain	Y
weblogicDomainHome	PSFT WebLogic Domain Home.	/path/ebs_domain	Υ
weblogicDomainAdmin ServerUrl	PSFT WebLogic domain admin server URL.	t3://ebshostname:7001	Y
weblogicDomainAdmin ServerUserAlias	PSFT WebLogic domain admin server user alias	psftAppServerAdminServerUser Alias	N
weblogicDomainAdmin ServerUser	PSFT WebLogic admin server user name.	GET_FROM_WALLET	N
weblogicDomainAdmin ServerPassword	PSFT WebLogic admin server password.	GET_FROM_WALLET	N
psftApplicationUrl	Peoplesoft Application URL.	http://psfthostname:7777/psp	Y
psftApplicationUrlSite	Path of Application URL in peoplesoft domain	ps	N
psftApplicationUrlPortal NodeContent	Peoplesoft Application URL portal node content.	EMPLOYEE/ERP/c	N
psftApplicationUserAlia s	Peoplesoft Application URL domain admin server useralias	psftApplicationUserAlias	N
psftApplicationUser	Peoplesoft Application URL UserName.	GET_FROM_WALLET	N
psftApplicationPasswor d	Peoplesoft Application URL User Password.	GET_FROM_WALLET	N
comboChartFieldService EndPointUrl	PeopleSoft comboChart Field service End point URL.	http://psfthostname:7777/PSIG W/PeopleSoftServiceListeningCo nnector/COMBO_CF_EDIT_ REQUEST.1.wsdl	Ŷ

Table B–3	(Cont.)	PeopleSoft – JSON Configuration
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RFI Configuration			
Property Name	Description	Example Value/Default Value	Value Editable?
comboChartFieldService EndPointUserAlias	PeopleSoft comboChart Field service End point User Alias.	comboChartFieldServiceEndPoint UserAlias	N
comboChartFieldService EndPointUser	PeopleSoft comboChart Field service End point Username.	GET_FROM_WALLET	Ν
comboChartFieldService EndPointPassword	PeopleSoft comboChart field service End point Username Password.	GET_FROM_WALLET	N
comboChartFieldService EndPointSecurityPolicy Name	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure.	unsecure	Y
	(Note: Use https for Policy A setting)		
comboChartFieldService EndPointPolicyBSecurity Policy.wsKeystorePassw ordUserAlias	PeopleSoft comboChart field service End point WebserviceKeyStore Password User alias.	payTerm#keystore-password-user -alias	Ν
comboChartFieldService EndPointPolicyBSecurity Policy.wsKeyPublicPriva teKeyAlias	PeopleSoft comboChart field service End point Web service Keyprivate key alias.	payTerm#remote-host-public-priv ate-key-alias	N
rfiInvoiceDrillForwardS erviceEndPointUrl	RFI Invoice drill forward service End point URL	http://psfthostname:7777/PSIG W/PeopleSoftServiceListeningCo nnector/RFI_INV_ DRILLFORWARD_ SERVICE.1.wsdl	Y
rfiInvoiceDrillForwardS erviceEndPointUserAlia s	RFI Invoice drill forward service EndPointUser Alias. Constant at rfiInvoiceDrillForwardServiceEnd PointUserAlias.	rfiInvoiceDrillForwardServiceEnd PointUserAlias	N
rfiInvoiceDrillForwardS erviceEndPointUser	RFI Invoice drill forward service EndPoint Username.	GET_FROM_WALLET	N
rfiInvoiceDrillForwardS erviceEndPointPassword	RFI Invoice drill forward service EndPoint Username Password.	GET_FROM_WALLET	N
rfiInvoiceDrillForwardS erviceEndPointSecurityP olicyName	Security policy for the service. Valid values are PolicyA, PolicyB and unsecure.	unsecure	Y
	(Note: Use https for Policy A setting)		
rfilnvoiceDrillForwardS erviceEndPointPolicyBS ecurityPolicy.wsKeystor ePasswordUserAlias	RFI Invoice drill forward service EndPoint WebserviceKeyStore Password User alias.	payTerm#keystore-password-user -alias	N
rfilnvoiceDrillForwardS erviceEndPointPolicyBS ecurityPolicy.wsKeyPubl icPrivateKeyAlias	RFI Invoice drill forward service EndPoint Web service Keyprivate key alias.	payTerm#remote-host-public-priv ate-key-alias	N
RfiBulkServer	RFI Bulk Server ODI Configuration Details		N
odiHost	ODI host name. Host name of the machine where ODI is installed.	Odihostname	Y

Table B–3 (Cont.) PeopleSoft – JSON Configuration

RFI Configuration Property Name	Description	Example Value/Default Value	Value Editable?
odiUrl	Path in machine name(odihostname), where ODI is installed.	/path_where_odi_is_ installed/oracledi/agent	Y
odiUserAlias	ODI user alias. Do not change the default	rfiBulkServerOdiUserAlias	N
odiUser	ODI User Name.	GET_FROM_WALLET	N
odiPassword	ODI user name password.	GET_FROM_WALLET	N
odiAgentHost	ODI agent host name. Name of the machine where ODI agent is installed.	odihostname	Y
odiAgentPort	ODI agent port information. Constant/ recommended to be 20910.	20910	Y

 Table B–3 (Cont.) PeopleSoft – JSON Configuration

C

Appendix: Installation Order

This section provides a guideline for the order in which the Oracle Retail applications should be installed. If a retailer has chosen to use only some of the applications, the order is still valid, less the applications not being installed.

Note: The installation order is not meant to imply integration between products.

Enterprise Installation Order

- 1. Oracle Retail Merchandising System (RMS), Oracle Retail Trade Management (RTM)
- 2. Oracle Retail Sales Audit (ReSA)
- 3. Oracle Retail Extract, Transform, Load (RETL)
- 4. Oracle Retail Active Retail Intelligence (ARI)
- 5. Oracle Retail Warehouse Management System (RWMS)
- 6. Oracle Retail Invoice Matching (ReIM)
- 7. Oracle Retail Price Management (RPM)
- 8. Oracle Retail Allocation
- 9. Oracle Retail Mobile Merchandising (ORMM)
- **10.** Oracle Retail Xstore Office
- **11.** Oracle Retail Xstore Point-of-Service, including Xstore Point-of-Service for Grocery, and including Xstore Mobile
- 12. Oracle Retail Xstore Environment
- 13. Oracle Retail EFTLink
- 14. Oracle Retail Store Inventory Management (SIM), including Mobile SIM
- 15. Oracle Retail Batch Service Architecture (BSA)
- 16. Oracle Retail Predictive Application Server (RPAS)
- 17. Oracle Retail Demand Forecasting (RDF)
- Oracle Retail Category Management Planning and Optimization/Macro Space Optimization (CMPO/MSO)
- 19. Oracle Retail Replenishment Optimization (RO)

- **20.** Oracle Retail Analytic Parameter Calculator Replenishment Optimization (APC RO)
- 21. Oracle Retail Regular Price Optimization (RPO)
- 22. Oracle Retail Merchandise Financial Planning (MFP)
- **23.** Oracle Retail Size Profile Optimization (SPO)
- 24. Oracle Retail Assortment Planning (AP)
- **25.** Oracle Retail Item Planning (IP)
- 26. Oracle Retail Item Planning Configured for COE (IP COE)
- 27. Oracle Retail Advanced Inventory Planning (AIP)
- 28. Oracle Retail Integration Bus (RIB)
- **29.** Oracle Retail Services Backbone (RSB)
- 30. Oracle Retail Financial Integration (ORFI)
- 31. Oracle Retail Data Extractor for Merchandising
- 32. Oracle Retail Clearance Optimization Engine (COE)
- **33.** Oracle Retail Analytic Parameter Calculator for Regular Price Optimization (APC-RPO)
- **34.** Oracle Retail Insights, including Retail Merchandising Insights (previously Retail Merchandising Analytics) and Retail Customer Insights (previously Retail Customer Analytics)