Installation Manual
Oracle Financial Services Analytical Applications Reconciliation Framework
Release 3.5.0.0.0
June 2013

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1. About this Manual

1.1 Oracle Financial Services Analytical Applications Infrastructure Overview

Oracle Financial Services Analytical Application Infrastructure (*OFSAAI*) is an analytical application platform, which is built to be multi-tiered, and open-systems compliant. OFSAAI is fully web-enabled. It is a 100% thin-client, browser-based interface with zero footprint which dramatically reduces the cost of application deployment. All OFSAAI processes, including those related to business, are metadata-driven, thereby providing a high degree of operational and usage flexibility, and a single consistent view of information to all users.

OFSAAI product suite includes a Rules framework designer engine, Unified Metadata Manager which has a semantic layer of metadata abstraction that is common over both relational and OLAP repositories.

1.2 Analytical Applications Overview

Analytical Applications like Oracle Financial Services Analytical Applications Reconciliation Framework, are pre-packaged on OFSAAI and are ready to install. The **Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0** reconciles the balances from the operational systems of a bank with the balances as maintained in the General Ledger (hereinafter referred to as *GL*) of the bank to ensure that the data are complete, accurate and comprehensive.

1.3 Audience

This manual is meant for the OFSAAI Application System Administrator as they play an integral part in installing the Oracle Financial Services Analytical Applications.

1.4 Scope

This manual provides a step-wise instruction to install the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5, in an existing OFSAAI v7.3.2.1.0 Platform hosted on OEL / RHEL 5.3 up to 5.8, Oracle 11g R2 (11.2.0.2.0) – Tomcat 7.0.19 – 64 bit environment.

1.5 Organization of the Manual

The Installation Manual is organized into the following chapters:

- Prerequisites section identifies the hardware and base software environment that is required for successful installation and functioning of Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0.
- Installing the Application section details the pre-installation activities followed by step-by-step instructions on the various installation options.
- Post Installation Activities section details the steps that are required to be performed after

the successful installation of the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0.

1.6 Conventions Used in this Manual

- References to sections or chapters in the manual are displayed in *Italics*.
- Screen names are displayed in the following manner:

  Introduction screen

- Options and buttons are displayed in Bold.
- Notes are displayed as follows:

NOTE:

It is important that the password should be 6 characters long. If you do not adhere to this pre-requisite, you will see a system message that reads **Password must be at least 6 characters long**.

2. Prerequisites

The list of pre-configurations required to install and run the OFSAAI 7.3.2.1.0 Infrastructure is stated in this section. Further, the installation process requires certain environmental variables to be set prior to starting the installation. Ensure the following requirements are met before installation.

2.1 Environment

OEL /RHEL 5.3 up to 5.8 - Oracle 11g R2 (11.2.0.2.0) - Tomcat 7.0.19 (64 bit)

Type	Description
OS	• Oracle Enterprise Linux Server release 5.3 up to 5.8 (Carthage) - 64 bit • Red Hat Enterprise Linux Server Release – 5.3 up to 5.8 (Tikanga) - 64 bit
Infrastructure Web Server	• Oracle 11g R2 (11.2.0.2.0) JDBC driver (Oracle thin driver) • Sun JRE Standard Edition 1.6.0_25 - 64 bit • Sun JDK Standard Edition 1.6.0_25 - 64 bit • Apache Tomcat 7.0.19 pointing to JDK Standard Edition 1.6.0_25 - 64 bit
Infrastructure Application Server	• Oracle Client 11g R2 (11.2.0.2.0) - 64 bit • Sun JRE Standard Edition 1.6.0_25 - 64 bit
Infrastructure Database Server	• Oracle Database Enterprise Edition Release 11.2.0.2.0 - 64 bit
Infrastructure Release version	OFSAAI 7.3.2.1.0
Patch details (if any)	On base OFSAAI platform version 7.3, apply the latest patch set to upgrade to release 7.3.2.1.0. For more information regarding patches, refer to Preinstallation and Postinstallation Activities sections.
Reporting Tool	Oracle Business Intelligence Enterprise Edition Suite – 11.1.1.6.6

2.2 Generic Software

Type	Description
Other Software	Hummingbird Exceed 7.0 should be installed on a Microsoft Windows machine as a simulator for remote installation. Note: Hummingbird Exceed is required for GUI Mode of installation.
Front End Access	Microsoft Internet Explorer 8/9 Microsoft Office 2003/2007 Client Machines – Windows XP SP3/Windows 7 The screen resolutions supported are 1024*768 and 1280*1024 Adobe Reader 8.0 Java Plug-in 1.6.0_25 Note: • Ensure that Java Plug-in is enabled in the browser settings. • Enable caching of static content (static files, images, CSS, etc) for browser client. • Cookies should be disabled.

2.3 Preinstallation Activities

The following is the preinstallation checklist to ensure the readiness to start installing Oracle Financial Services Analytical Applications:

- Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 must be successfully installed on OEL /RHEL 5.3 up to 5.8– Oracle 11g R2 (11.2.0.2.0) – Tomcat 7.0.19 – 64 bit environment.
- If the infrastructure is installed on a multitier environment, then execute the following commands in the DB Layer terminal:

```
chmod -R 777 < ftpshare folder >
```

- Navigate to the ftpshare folder and set the umask shown as follows to ensure that all the new files created have 666 file permissions.

```
cd < ftpshare folder >
umask 0000
```

- Apply the one-off patches for the following bugs:

- BUG 16529213 - NEW FIELD (V_APP_ID) TO BE ADDED TO INFODOM_PATCHES TABLE.

  One-Off Patch: - 16529213_GENERIC.zip

  Version - 7.3.2.1.2

- Bug 16449264 - F2T WITH DATA FILE NAME OVERRIDDEN IS FAILING WHEN EXECUTED THROUGH PR2/RRF.

  One-Off Patch: - 16449264_GENERIC.zip

  Version - 7.3.2.1.3

- Bug 16525575 - ERROR WHILE OPENING THE RULE IN VIEW/EDIT MODE.

  One-Off Patch: - 16525575_GENERIC.zip

  Version - 7.3.2.1.4

- The config and atomic schema should be of two distinct oracle database users.
- The Information Domain schema makes use of the tables from the configuration schema. To create a new infodom, execute the file "<Infrastructure Database Layer Install Directory>/config_table_privileges_for_atomic_user.sql" from the Infrastructure config database before creating the new infodom. These Privileges should be given to Production Schema and Sandbox Schemas (essentially all the Atomic schemas).

  NOTE:

  Ensure that FIC Server is up before executing the file.

- The following grants must be given to atomic schema user from a system user:
  - grant create session to ATOMIC_USER;
  - grant create synonym to ATOMIC_USER;
  - grant create view to ATOMIC_USER;
  - grant create sequence to ATOMIC_USER;
  - grant create table to ATOMIC_USER;
  - grant create procedure to ATOMIC_USER;
  - grant create trigger to ATOMIC_USER;
  - grant debug connect session to ATOMIC_USER;
  - grant create any index to ATOMIC_USER;
  - grant create type to ATOMIC_USER;
  - grant unlimited tablespace to ATOMIC_USER;
- Update the server details if you are installing an OFSAAI product for the first time. Click **Server Details** under **System Configuration** in the LHS menu of the OFSAAI User Interface and update the Database Server, Application Server, and Web Server.
- Copy all the contents of the Oracle Financial Services Analytical Applications

Reconciliation Framework Release 3.5.0.0.0 installer download directory to the server location (including the DataModel directory). Provide read, write and execute permission to all the files present in this directory.

NOTE:

Refer to, "Guidelines to unzip Infrastructure Installer" section in the *OFSAAI 7.3 Installation and Configuration guide* to unzip an installer.

- Specify the log file path and name in the log4j.xml. Update the value attribute highlighted in the following figure:

```
<?xml version="1.0" encoding="UTF-8" ?>
<log4j:configuration
xmlns:log4j="http://jakarta.apache.org/log4j/">
<appender name="ConfigReveleusFileAppender"
class="org.apache.log4j.RollingFileAppender">
<param name="file" value="/<installer components copied
directory>.installer log"/>
<param name="Append" value="true"/>
```

- Ensure the path given in the log4j.xml file has read, write or execute permission.
- Execute the **config_table_privileges_for_atomic_user.sql** script in configuration schema. This file is present in the $FIC_HOME directory.
- Ensure FICServer is up and running before proceeding for installation.
- From SYS DBA grant select permission to config and atomic user for 'V_$PARAMETER' table.
    - grant select on V_$PARAMETER to &config_db_user;
    - grant select on V_$PARAMETER to &atomic_db_user;
- The following grants must be given from Config user.
    - grant SELECT ON PR2_OBJECT_TYPES to ATOMIC_USER;
    - grant SELECT ON pr2_run_b to ATOMIC_USER;
    - grant SELECT ON Pr2_Object_Tl to ATOMIC_USER;
    - grant SELECT ON bg_list_run to ATOMIC_USER;
    - grant SELECT ON BATCH_MONITOR to ATOMIC_USER;
    - grant SELECT ON metadata_element_master to ATOMIC_USER;
    - grant SELECT ON metadata_attribute_master to ATOMIC_USER;
    - grant SELECT ON PR2_RUN_EXECUTION_B to ATOMIC_USER;
- Check for "`export LDR_CNTRL=MAXDATA=0x40000000`" in the .profile. If present then comment it, execute the .profile and then trigger the Setup.sh.
- For a multitier installation, check whether **Reveleus.SEC** file is present in **$FIC_HOME/conf in web layer**. If this file is not present in this path, then copy the file

from **$FIC_HOME/conf in app layer** to **$FIC_HOME/conf in web layer**.

2.4 Upgrade Activities

This section is applicable only for upgrading from earlier version to the current version.

Back-up of Database schema and Files

- Take back up of existing config and atomic schema of the information domain that has to be upgraded. This can be used to restore the application, in case of any failures during upgrade.
- Take back up of FTPSHARE and $FIC_HOME folders of the existing environment.

Datamodel changes

If data model is customized:

1) Open both the models using ERwin Data Modeler tool.
2) Go to "Tools" and select "Complete Compare".
3) In the Compare window select the existing GL_Data_Model on Left Model.
4) Select extracted GL_Datamodel on Right Model.
5) In "Type Selection" check "Subject Area".
6) In "Advanced" option un-check ALL except "Auto Close Database/Script Models".
7) Click "Compare".
8) Resolve Differences Screen by applying all the changes mentioned in the GL Datamodel Changes 3.0-3.5.xls file (attached below) for 3.0 to 3.5 (3.5.0.0.0) upgrade.

   The GL Datamodel Changes 3.0-3.5.xls file contains the following sheets :

   a. New Table
   b. New Columns
   c. Data Type Changes

9) Click "Finish" and Close
10) Save the file as XML in "AllFusion Repository Format"

    example:- GL_Datamodel.xml

NOTE:

Follow the instructions mentioned in the “Merging Data Model Changes into Existing Model.doc” for merging the existing data model with GL data model.


GL Datamodel Changes 3 0-3 5.xls


Merging Data Model Changes.docx

If Data Model upload is done outside installer, perform the following steps:

1) Copy the modified datamodel existing into the location "ftpshare/*INFODOM*/erwin/erwinXML". (Replace *INFODOM* with the name of the information domain)

2) Upgrade from GL 3.0 to 3.5. Execute the below script mentioned in atomic schema.

   gl_atomic_premodel_3.0-3.5.sql

3) Perform Incremental/Sliced Model Upload in the information domain where GL application is installed.

4) Incremental/Sliced model upload might give errors in case there are NOT NULL columns that are being added to a table that already has rows or if the columns that are being dropped have values. Check the 'data model changes' excel file for any such cases. In such cases, take a backup of the table and truncate the table. After successful model upload, insert records back into the table with a default value for the NOT NULL column.

3. Installing the Application

3.1 OFS Analytical Applications Reconciliation Framework Release 3.5.0.0.0 Installation

The Oracle Financial Services Analytical Applications Infrastructure comprises of components that are installed in Web, Application and Database layer. Hence, if you have installed Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 in a multitier architecture, the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 installer must be loaded on each of the machines that host the Oracle Financial Services Analytical Applications Infrastructure tier.

For a single tier installation, the installer is required to be loaded only once on the machine that hosts all the Oracle Financial Services Analytical Applications Infrastructure tiers.

This section describes the installation process in which the three product setup components with the product are installed on separate machines as follows:

- Machine A is used to install the product Application Layer components
- Machine B is used to install product Database Layer components
- Machine C is used to install product Web Layer components

NOTE:

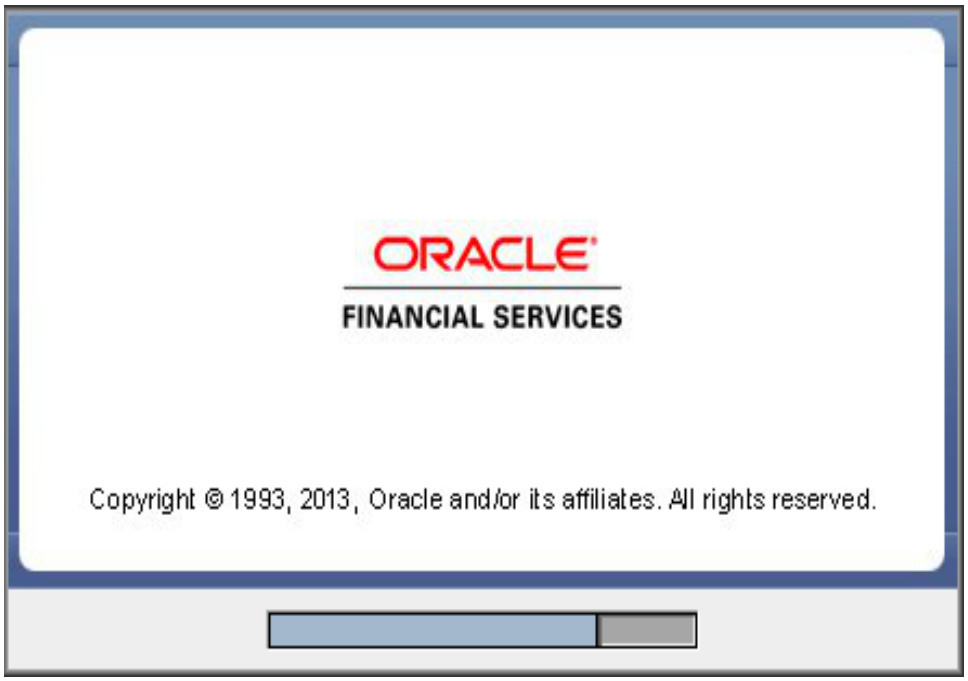
This section holds applicable if Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 is installed on OEL / RHEL 5.3 upto 5.8, - Oracle 11g (RAC) on separate machines A, B and C respectively.

For Silent Installation, refer to the section Silent Installation.

3.1.1 Machine A – Product Application Layer

Step 1

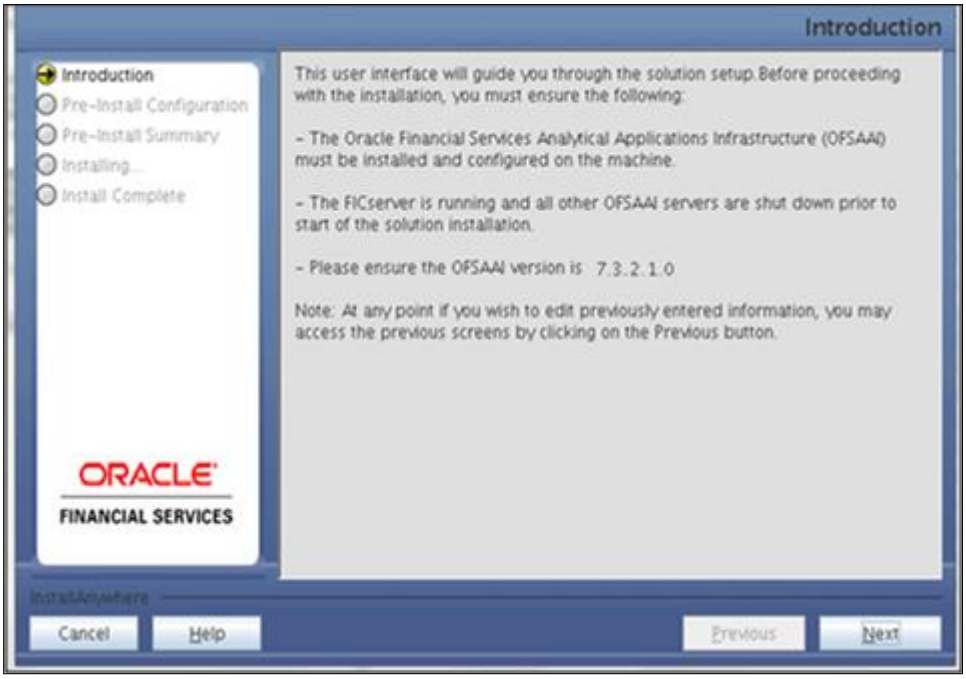
To begin with the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 installation, execute **Setup.sh** with the parameter GUI (GUI Installation) or SILENT (for Silent installation).



Installation Splash Screen

Step 2

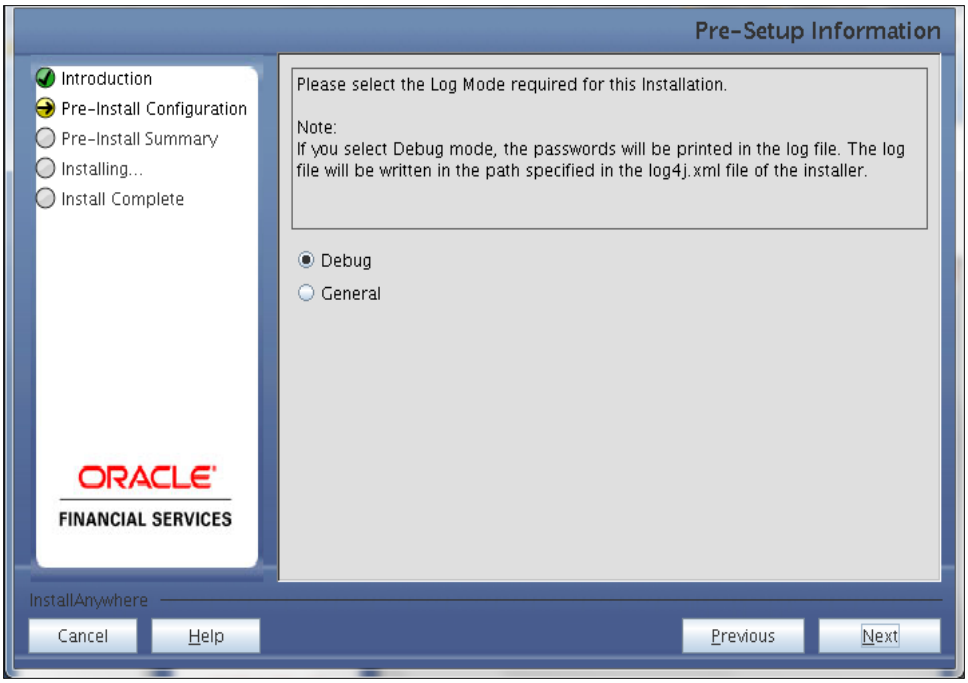
Upon loading the installer, the **Introduction** screen displays the prerequisites for installation. Ensure that these prerequisites are met before you proceed.



Introduction Screen

Step 3

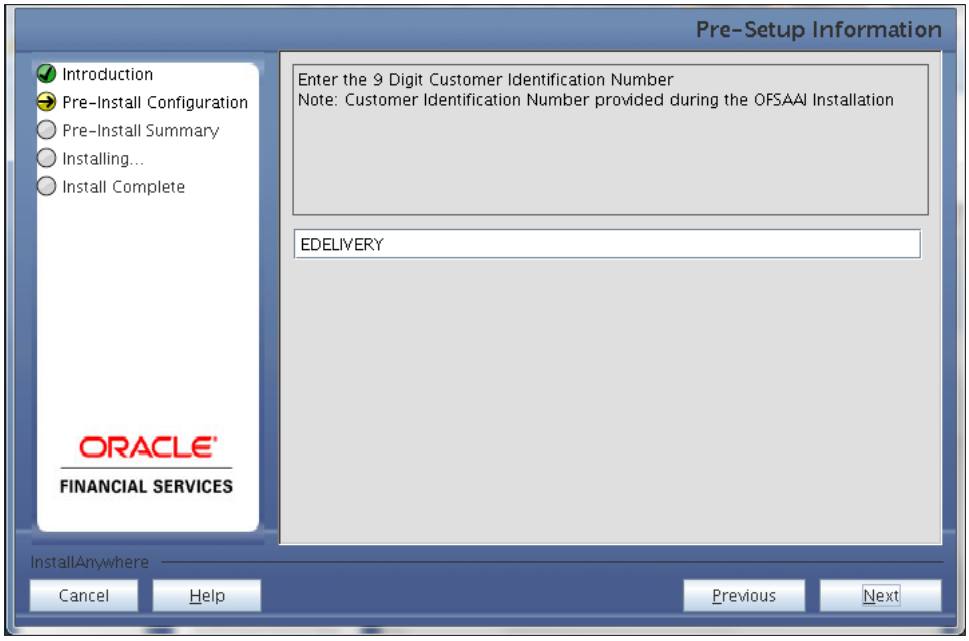
Choose the log mode for this installer. If **Debug** is selected then the debug information will be printed in the log file.



Log Mode Option Screen

Step 4

Enter the 9 digit Customer Identification Number provided during the OFSAAI installation.



Customer ID Input Screen

Click **Next** to continue.

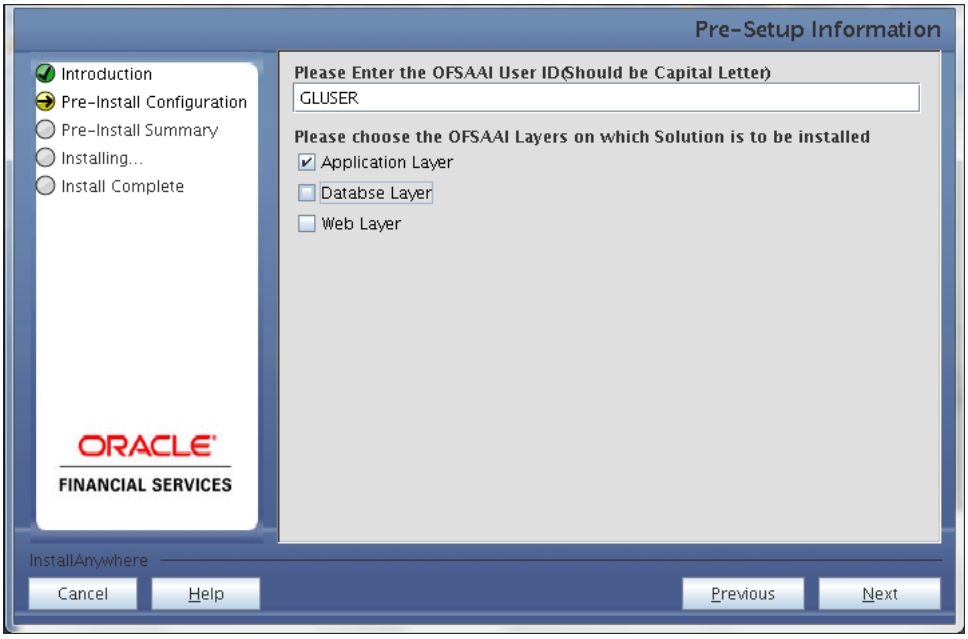
Step 5

The **Pre Setup Information** screen requests for setup information.

Enter the OFSAAI User ID.

Select the appropriate Oracle Financial Services Analytical Applications Infrastructure layer that has been installed on the machine.

Example: **Application Layer**



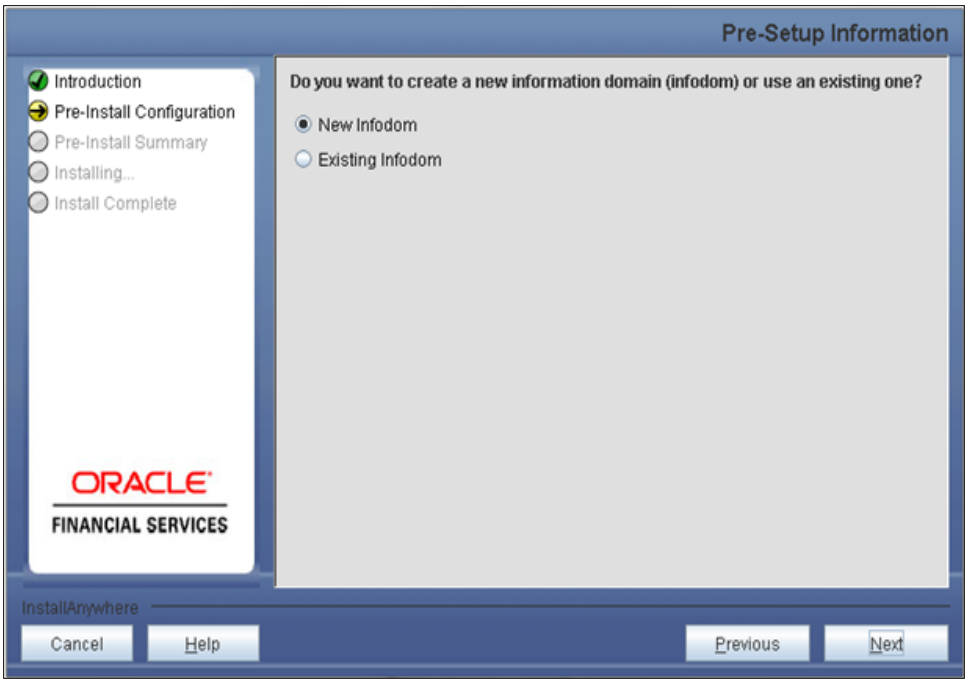
Pre Setup Information Screen – Choose Layer to Install

NOTE:

- For a single-tier Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 installation, you must select Application Layer, Database Layer and Web layer.
- For a multitier Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 installation, select the corresponding layer installed on the machine.

Step 6

This screen prompt seeks infromation on whether a new infodom has to be created or the existing infodom to be used for installation. Choose the desired option.



Pre Setup Information Screen – Infodom type

Click **Next** to continue. If **New Infodom** is selected then go to **Step 7** or else go to **Step 8**.

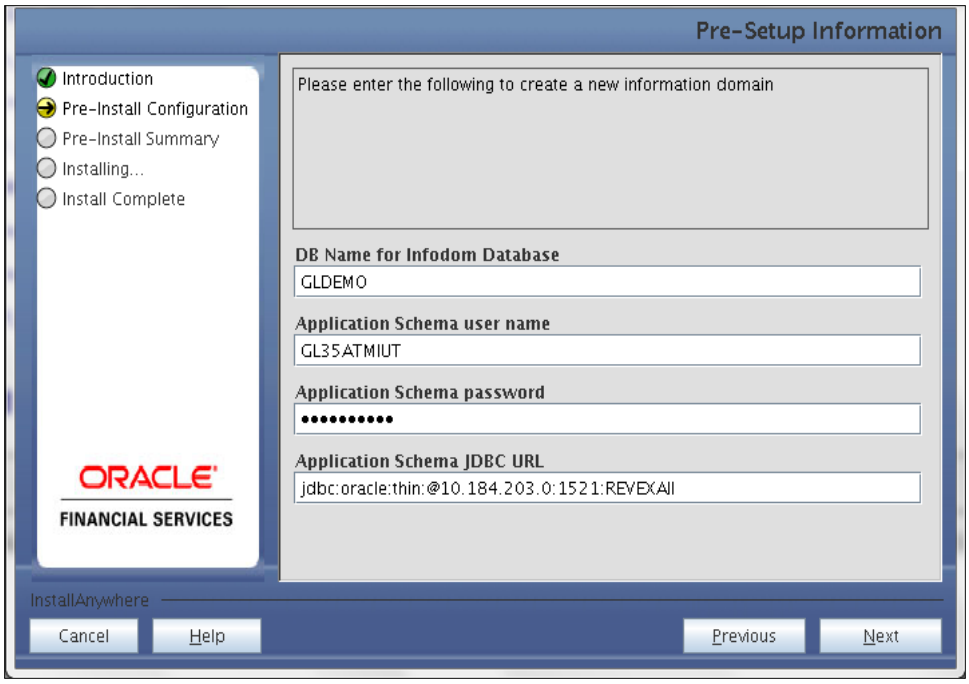
Step 7

If the option **New Infodom** is chosen then update the following to create infodom:

Step 7-i:

- Specify a DB name for the new infodom. Make a TNS entry with the DB name specified in the tnsname.ora file in the oracle server.
- Enter the newly created application schema's user name, password and JDBC url in relevant fields.

Click **Next** to continue.

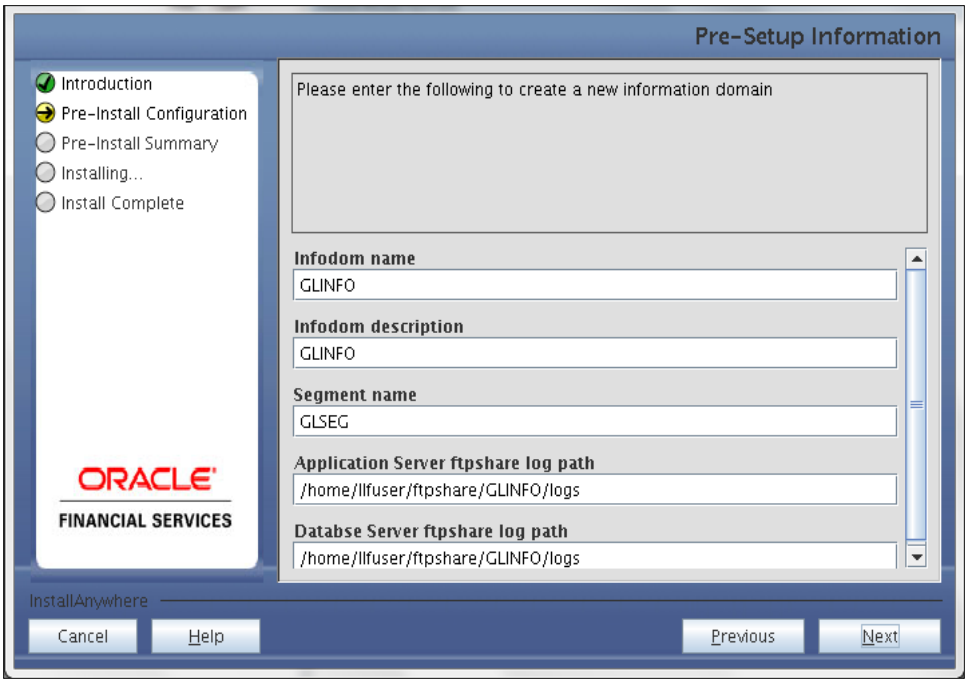


Database details for the new Infodom

Step 7-ii

In the next screen prompt, enter the following details:

- Specify the name and description of the new infodom to be created.
- Specify a segment name to be created.
- Specify the application server and database server log path for infodom maintenance (to be created).



Infodom details for creation of new Infodom

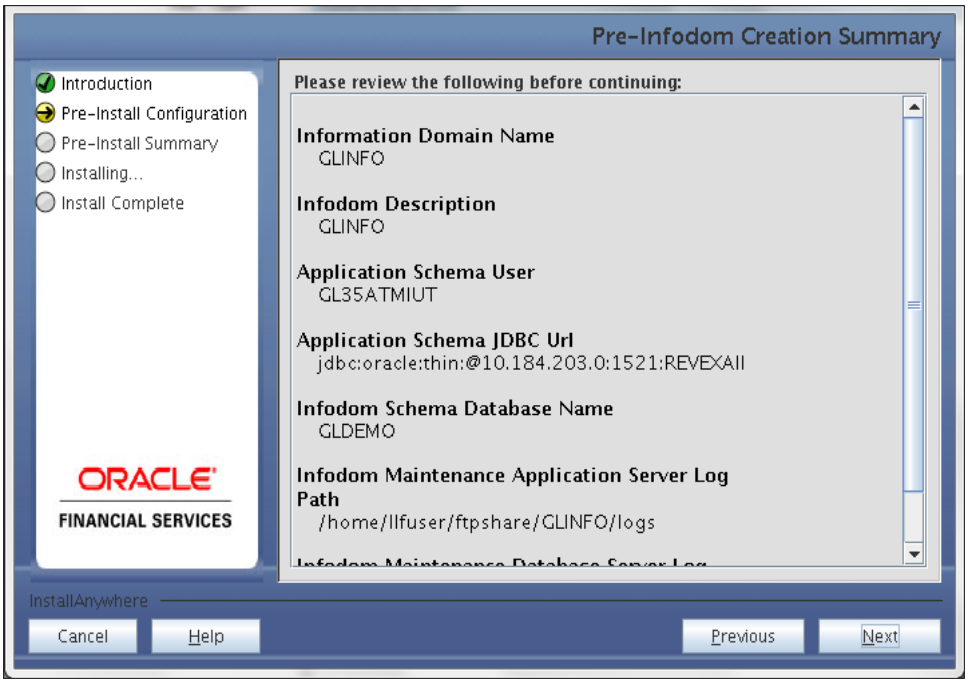
NOTE:

The Oracle Financial Services Analytical Applications Infrastructure user must have a role that is able to perform Add/Modify functions for Analytical Applications Reconciliation Framework metadata.

Click **Next** to continue. Check and verify all the details before proceeding to Step 7- iii.

Step 7-iii

Click **Next** to continue with the creation of information domain.



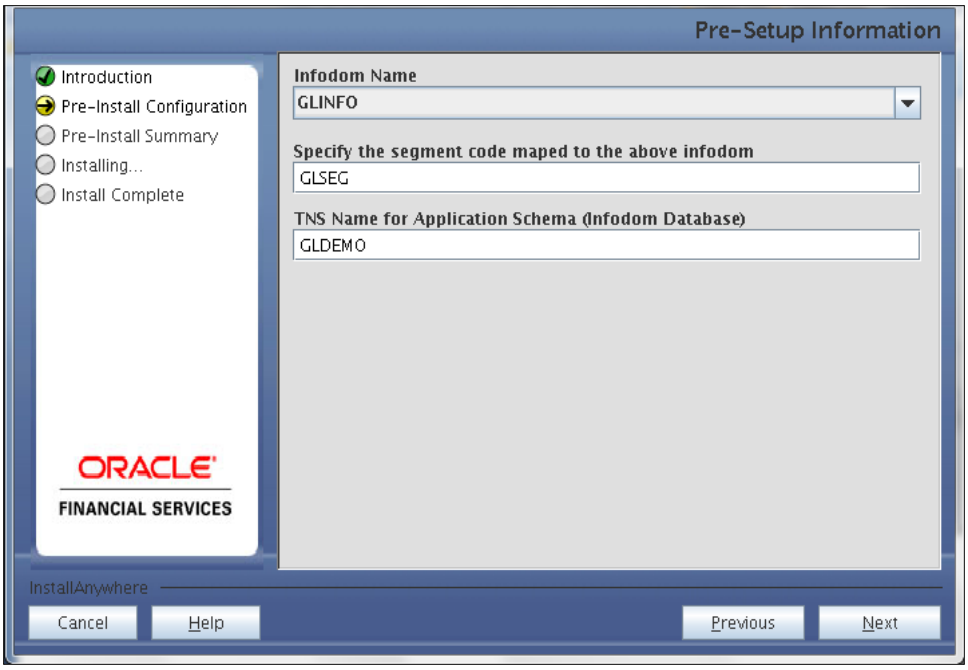
Pre-infodom Creation Summary

Step 8

If the option Existing Infodom was selected then update the following details in the screen prompt that is displayed:

Step 8-i

- Enter segment code.
- Enter the application schema's TNS name.

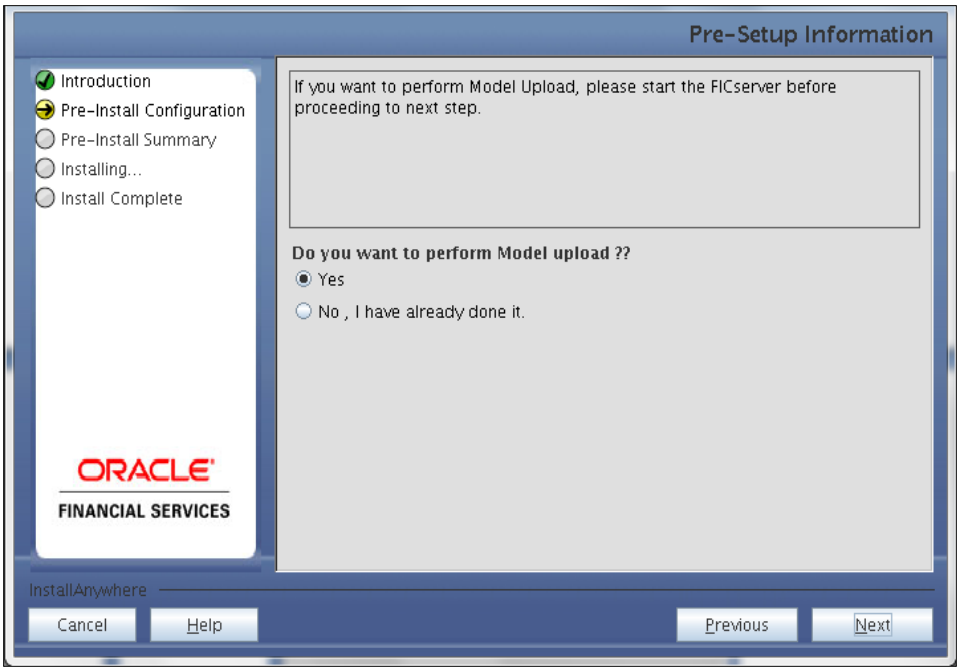


Installation in Progress

Step 9

Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0, data model is packaged as part of the application installer and is installed as a part of the following steps, if required.

In the the following screen prompt opt for model upload process through the installer.



Pre-Setup Information

NOTE:

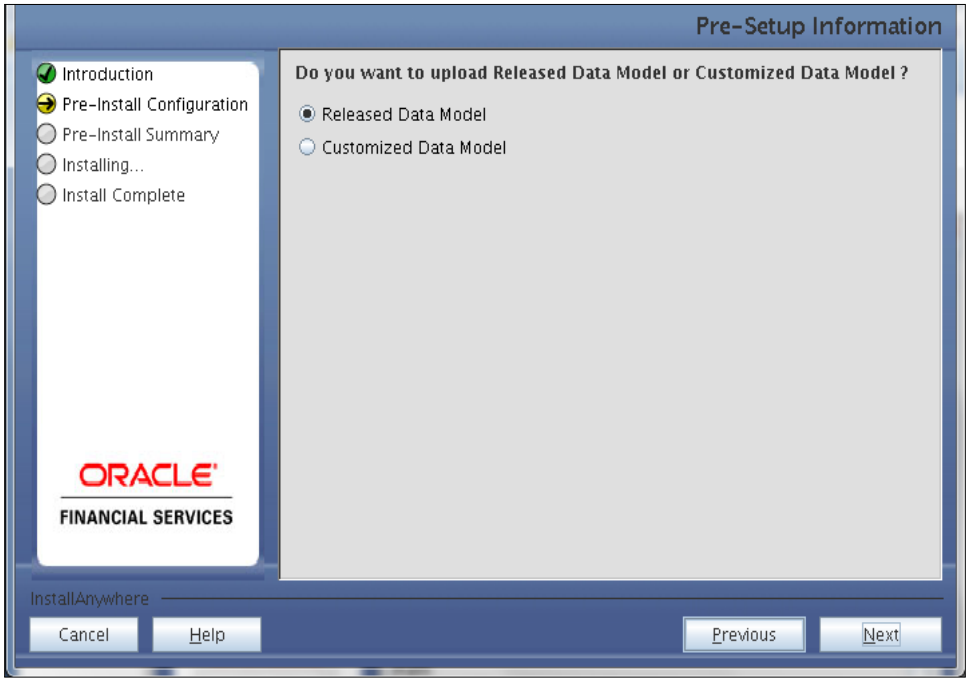
If **Yes** is selected for Data model upload then copy the .xml to a specific folder and rename the file.

Clicking **No** implies that the Oracle Financial Services Analytical Applications Reconciliation Framework model is already uploaded. To proceed with the application model upload process as part of the installation click **Yes**. Click **Next** to proceed.

If you select **No** go to **Step 12** or else go to **Step 10**.

Step – 10

In the following screen prompt choose whether the released version of the datamodel or the customized datamodel is to be uploaded.



Pre – Setup information

If **Released Data Model** option is selected, then the installer uploads the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 data model.

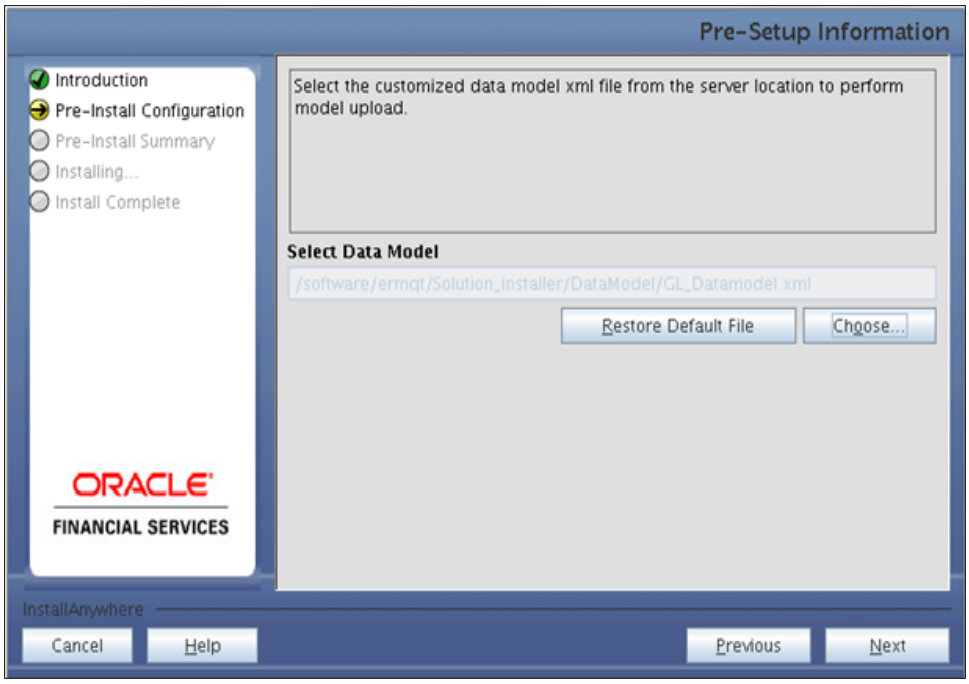
If **Customized Data Model** option is selected, then the installer allows you to select the data model. Choose the desired option.

If **Released Data Model** is selected go to **Step 12** or else go to **Step 11**.

Click **Next** to proceed.

Step – 11

If the **Customized Data Model** is selected then the following screen prompt is displayed where you can select the customized data model located in the machine.



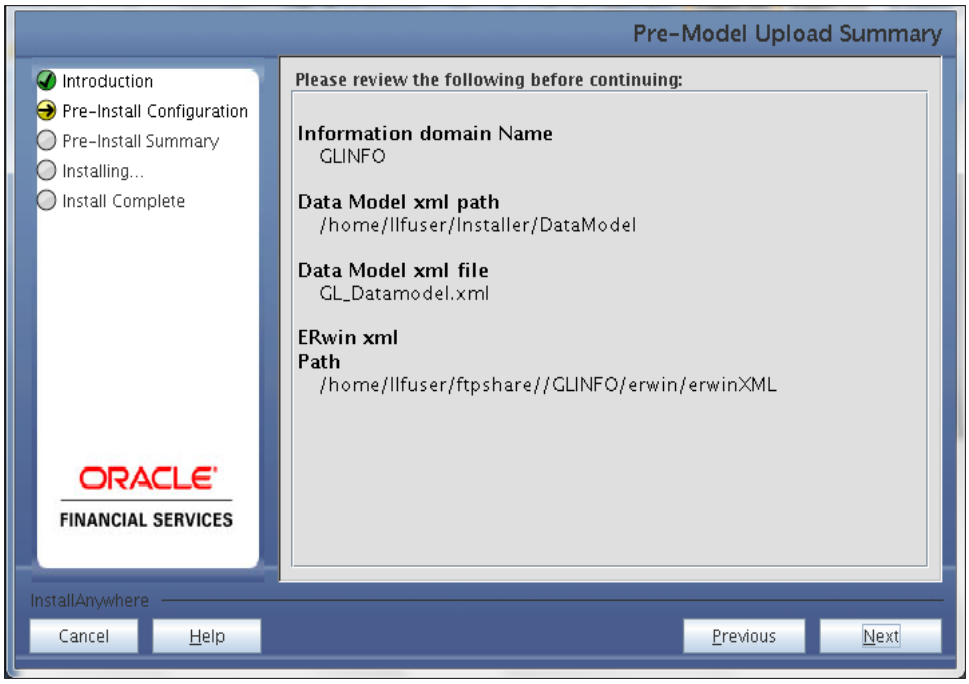
Pre – Setup information

NOTE:

- The data model .XML file should be available in the server. If the installation is being performed on an existing information domain, the data model to be selected in this screen prompt should be merged with the data model that was previously uploaded in the information domain.
- If the installation is performed on a new information domain, data model that is either customized or merged with other data models can be selected in this panel.

Step – 12

The following screen prompt displays the premodel upload details:



Pre – Model Upload Summary

1. Verify the details before proceeding to the next step.
2. Click **Next** to proceed with model upload.

The time taken for the process of model upload is dependent on the size of the data model and available physical memory in the environment. Till the process is complete, no further action can be taken. In addition, this step cannot be rolled back.

If the model upload fails, then a pop-up message with relevant errors and the log file path is displayed. Review the errors and take relevant action. After resolution, navigate through to the previous screen and proceed with the steps mentioned above.

NOTE:

Some of the common errors are:

- Insufficient heap memory on the client machine.

  Possible reason/resolution:

  The java memory settings mentioned in .profile should be increased.

- Error while getting the Erwin File path.

  Possible reason/resolution:

  Restart the FICServer.

- Error in Upload Operation

  Possible reason/resolution:

  FAILED WHILE SUPER CATEGORY - SUB CATEGORY RELATIONS HANDLINGDELETING.

Incorrect Erwin.xsl file version in $FIC_APP_HOME/common/FICServer/conf directory

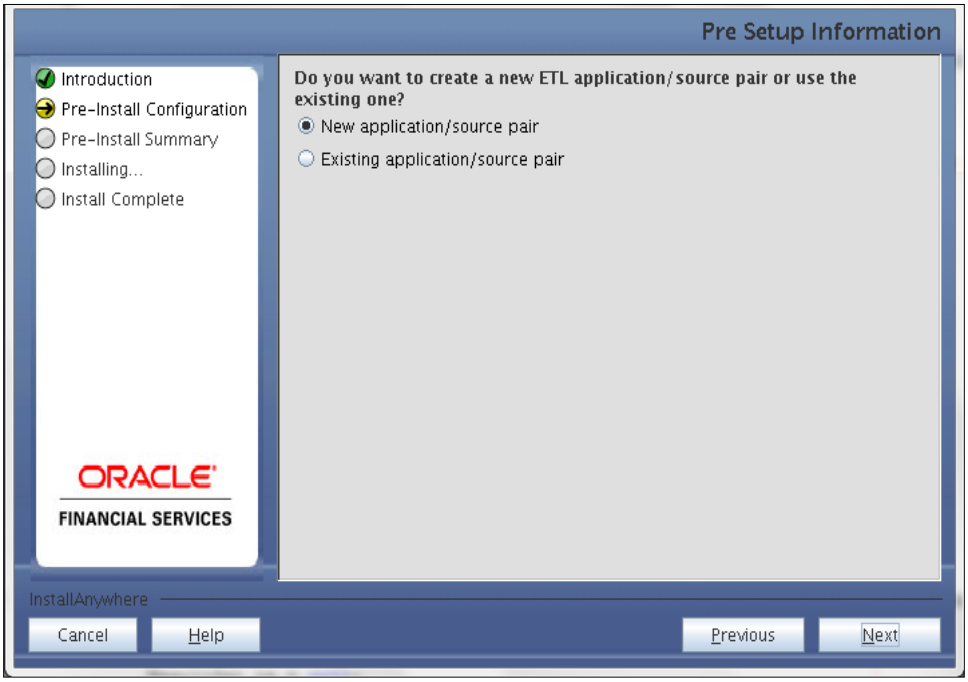
Step – 13

If the option ”New application/source pair” was chosen then the following panel will displayed seeking the application and source name for creation of the same.

Please specify all the details required for application and source creation.

Click **Next** to proceed.

Clicking ‘Next’ will create application and source within OFSAAI. Source model will also be generated. This process will take some time depending on the number of entities / attributes in the atomic schema. This step cannot be rolled back.



Creation of the ETL applications

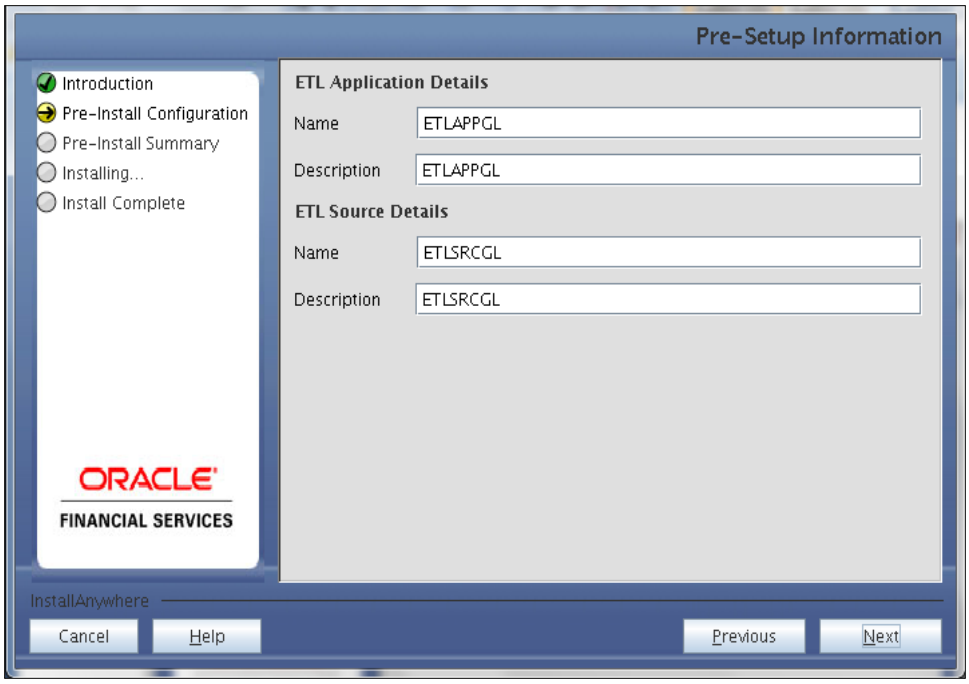
ETL Application mapped to GL_APP

Creation of ETL data sources

ETL Source 1mapped to GL_SRC

Mapping of the data sources

ETL Application mapped to ETL Source



NOTE:

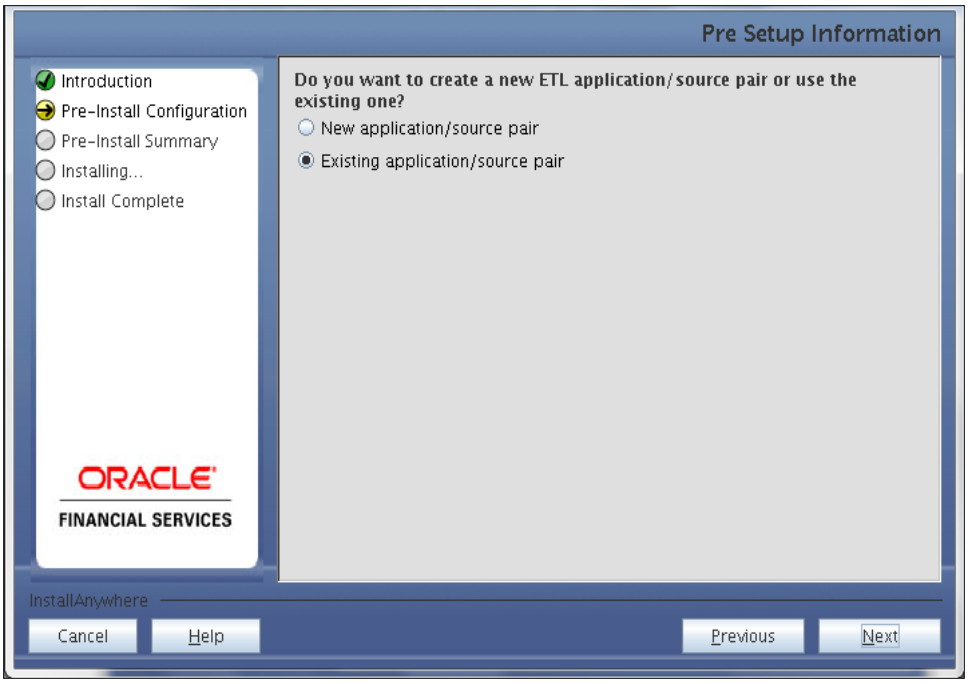
ETL Source will be created pointing to the information domain (atomic schema) that is specified during the installation

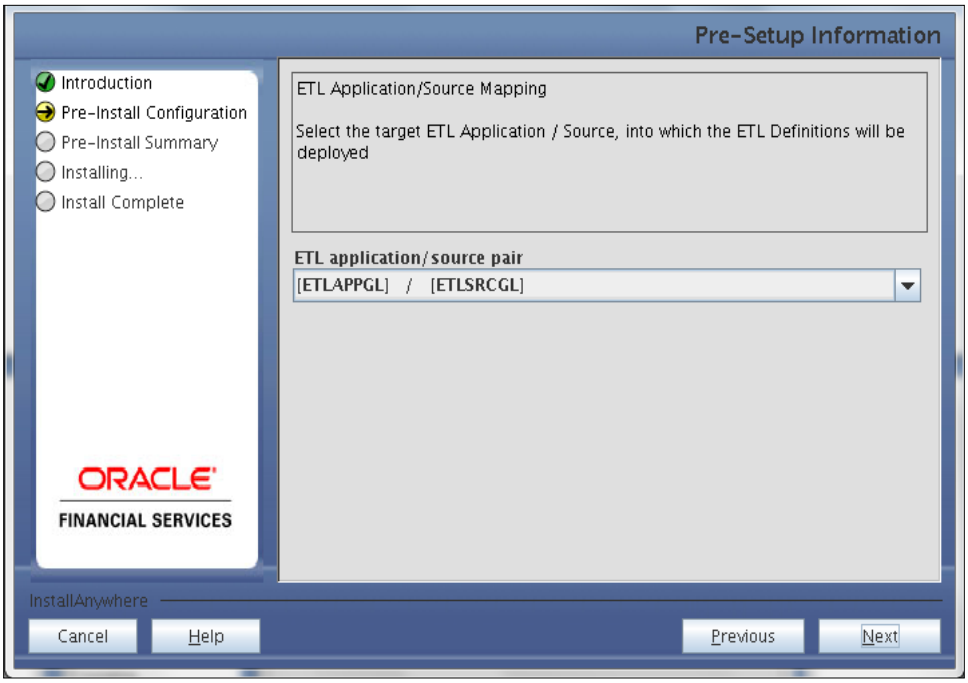
Step 13-ii

If the option “Existing application/source pair” was chosen the following panel willl be displayed prompting user to select app/source pair from the list of pairs already present.

Choose the desired ETL application/source pair into which ETL definitions should be deployed.

Click **Next** to Process.





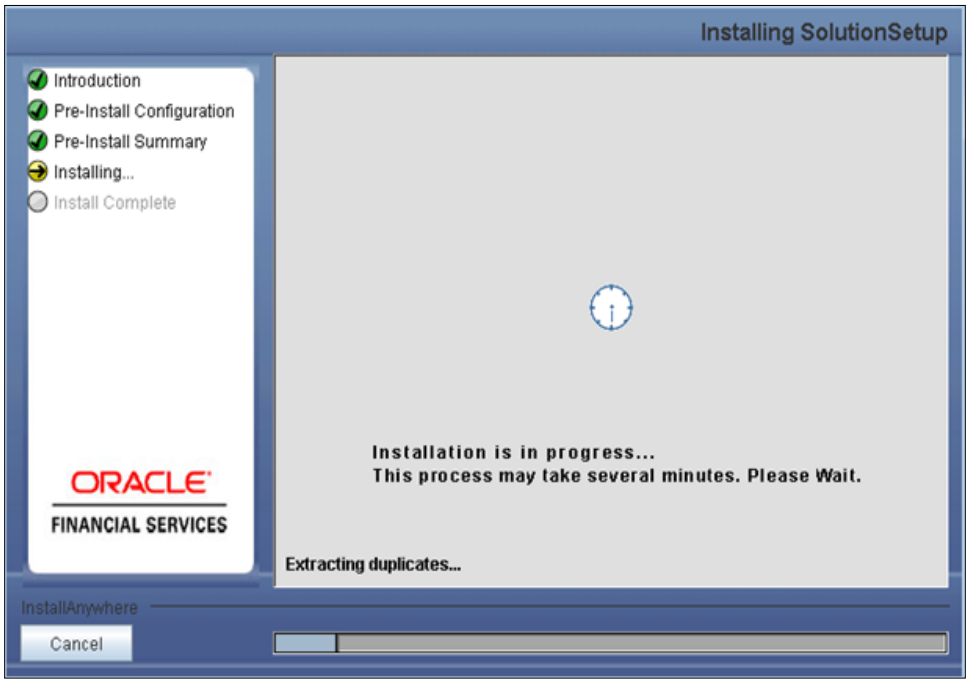
Step 14

This screen prompt displays all the preinstallation summary. Verify all details and click **Install** to proceed.

Pre – Install Summary

Step 15

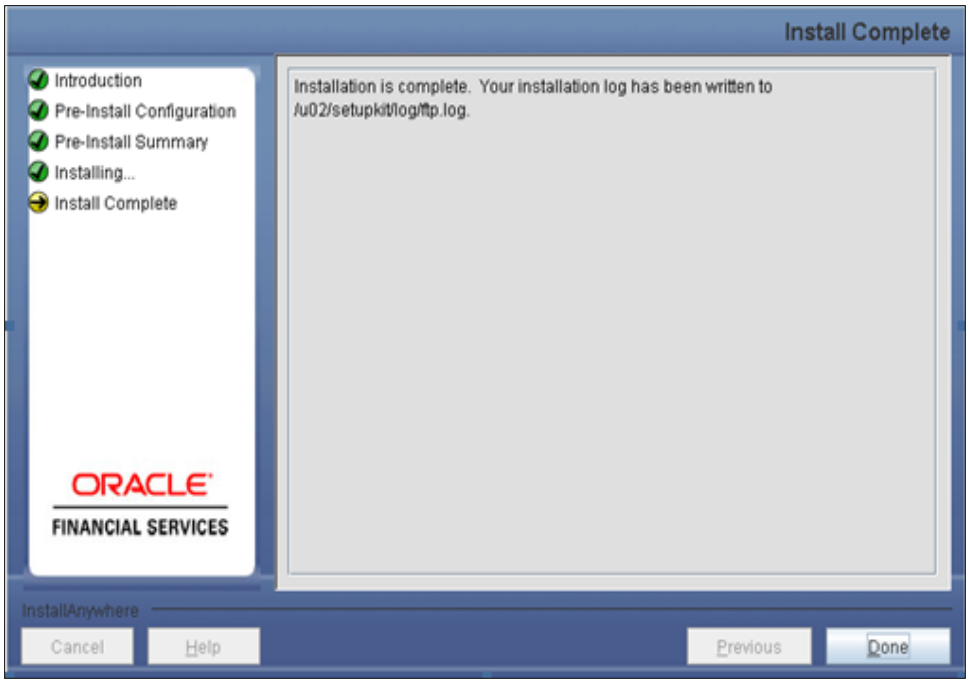
This screen prompt displays the installation process. To proceed further, wait for the installation to be completed.



Installation is in progress

Step 16

The following screen prompt displays the completion of installation of the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 Setup. Click **Done** to exit.

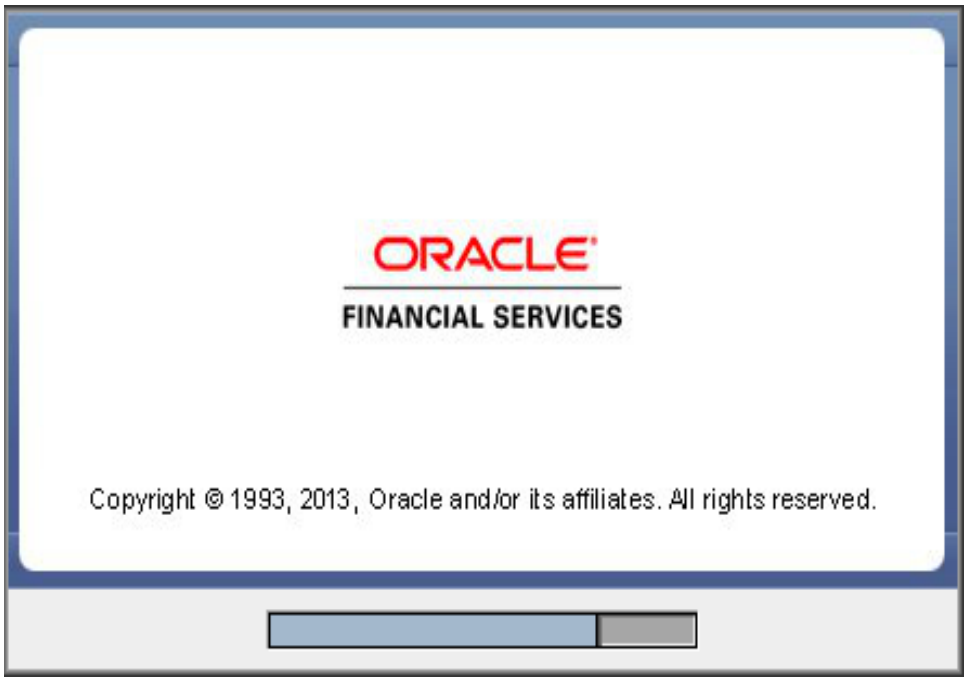


Installation Complete

3.1.2 Machine B – Product Database Layer

Step 1

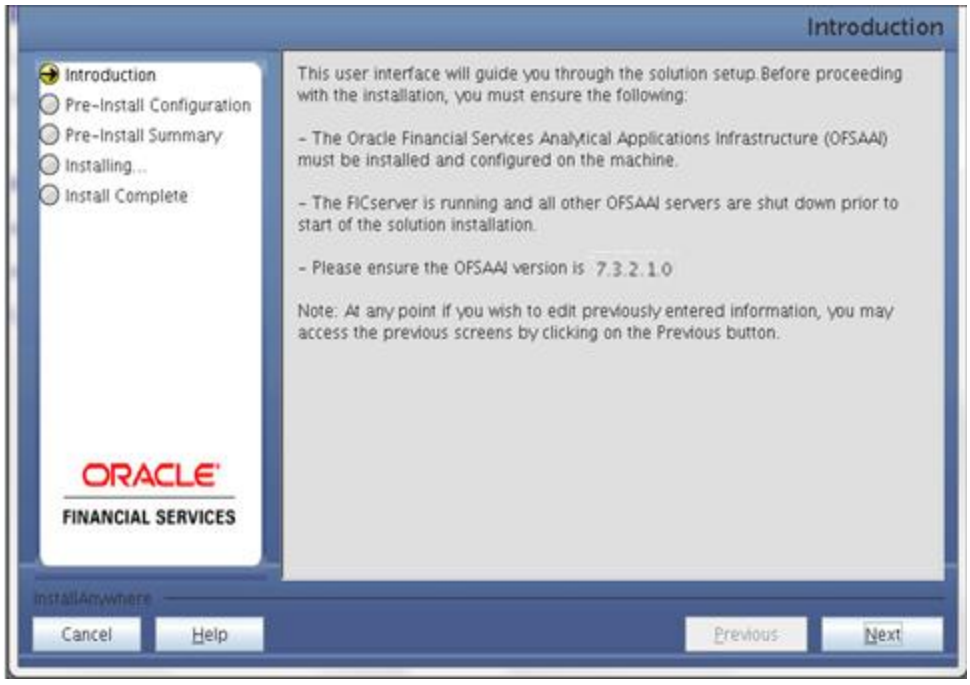
To begin with the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 installation, execute **Setup.sh** with the parameter GUI (GUI Installation) or SILENT (for Silent installation).



Installation Splash Screen

Step 2

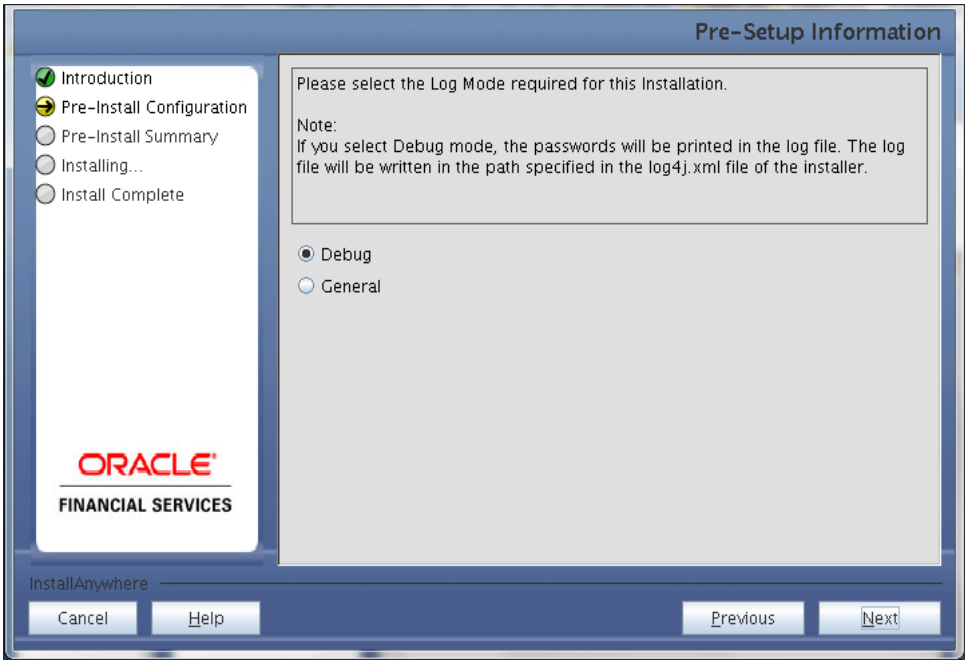
Upon loading the installer, the **Introduction** screen displays the prerequisites for installation. Ensure that these prerequisites are met before you proceed.



Introduction Screen

Step 3

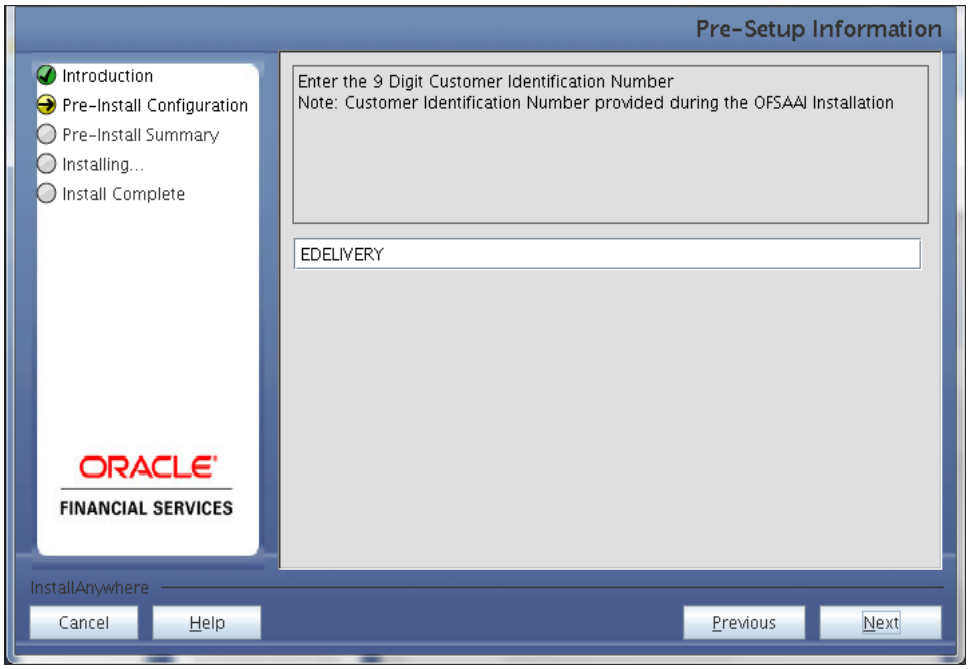
Choose the log mode for this installer. If **Debug** is selected then the debug information will get printed in the log file.



Log Mode Option Screen

Step 4

Enter the 9 digit Customer Identification number provided during the OFSAAI installation.



Customer ID Input Screen

Click **Next** to continue.

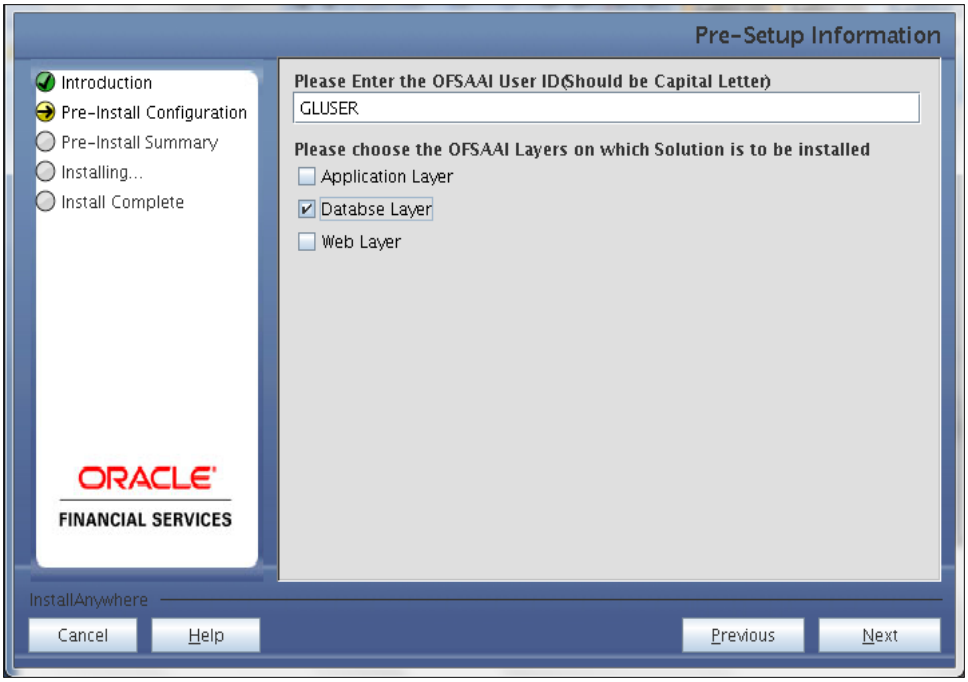
Step 5

The **Pre Setup Information** screen requests for setup information.

Enter the OFSAAI User ID.

Select the appropriate Oracle Financial Services Analytical Applications Infrastructure layer that has been installed on the machine.

Example: **Database Layer**



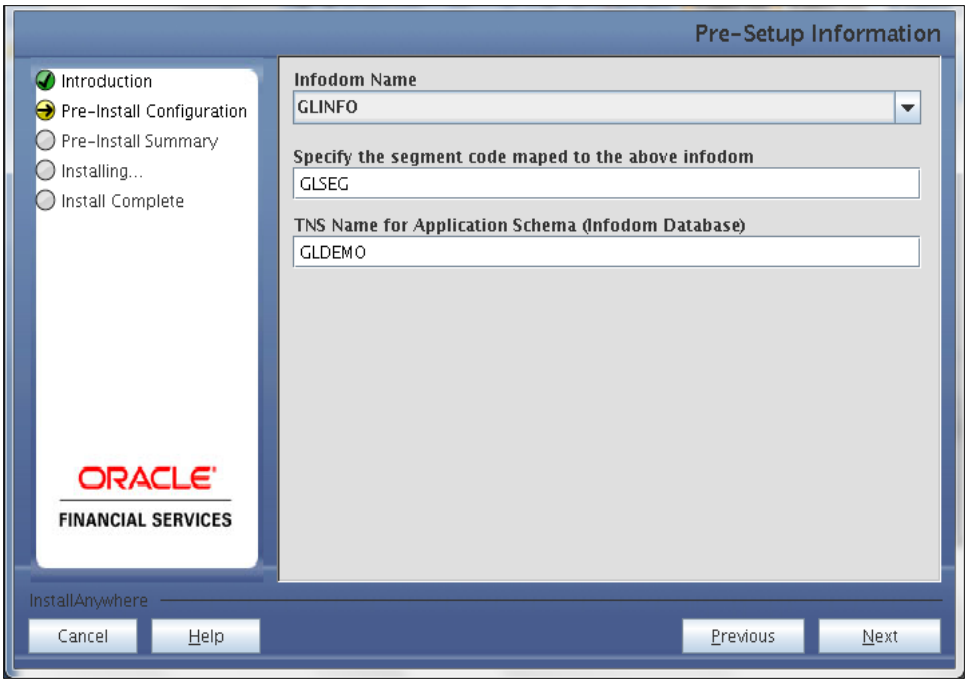
Pre Setup Information Screen – Choose Layer to Install

NOTE:

- For a single-tier Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 installation, you must select Application Layer, Database Layer and Web layer.
- For a multitier Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 installation, select the corresponding layer installed on the machine.

Step 6

Select the infodom from list of infodoms present in the setup, enter segment code and enter the application schema's TNS name in the following screen prompt.

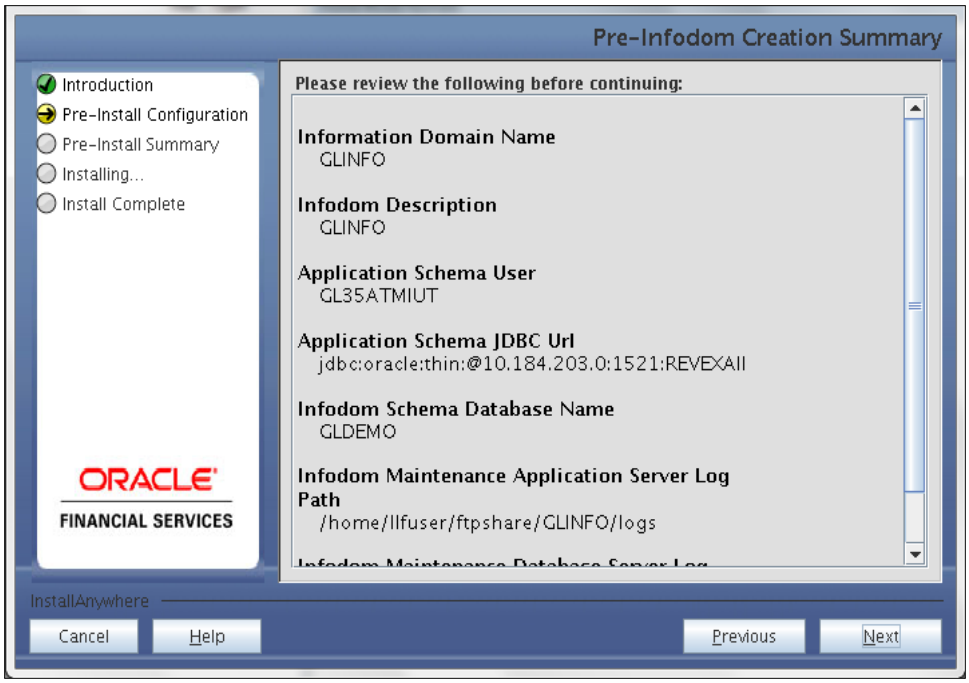


Pre Setup Information Screen – Choose Layer to Install

Step 7

This screen prompt summarizes the preinstallation details. Verify all the details and proceed.

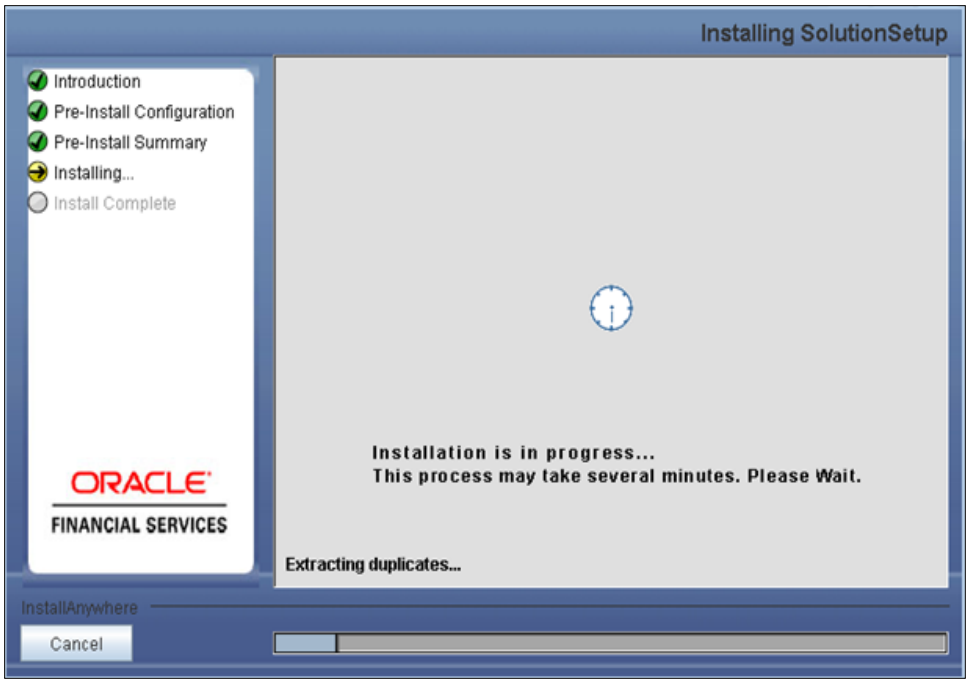
Click **Install** to proceed.



Pre – Install Summary

Step 8

This screen prompt displays the installation process. Wait till the installation is complete.

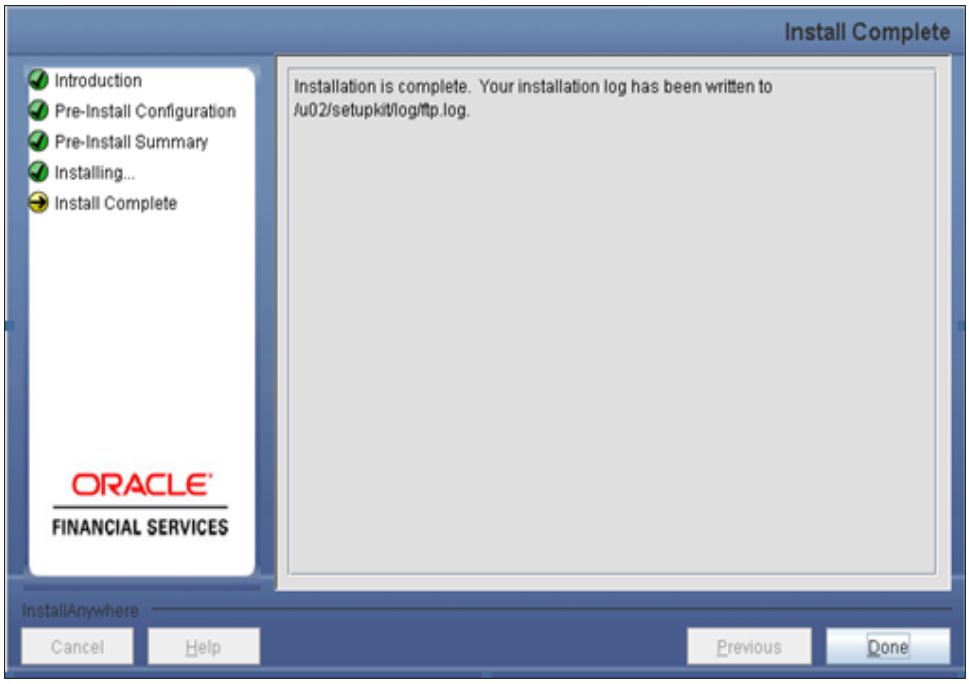


Installation is in progress

Step 9

The following screen prompt displays the completion of installation of the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 setup.

Click **Done** to exit.

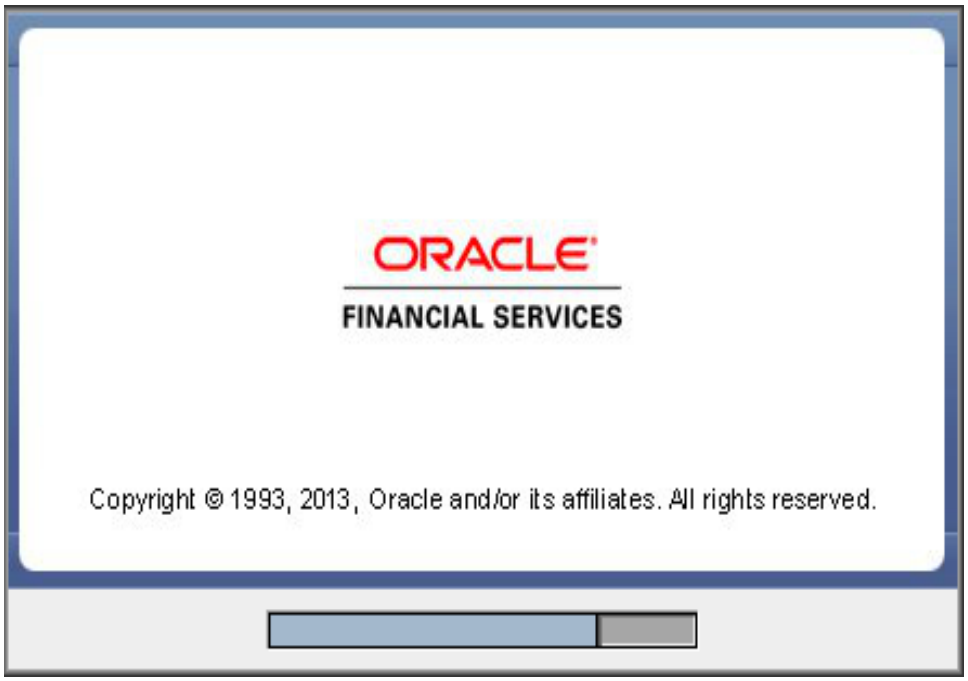


Installation Complete

3.1.3 Machine C – Product Web Layer

Step 1

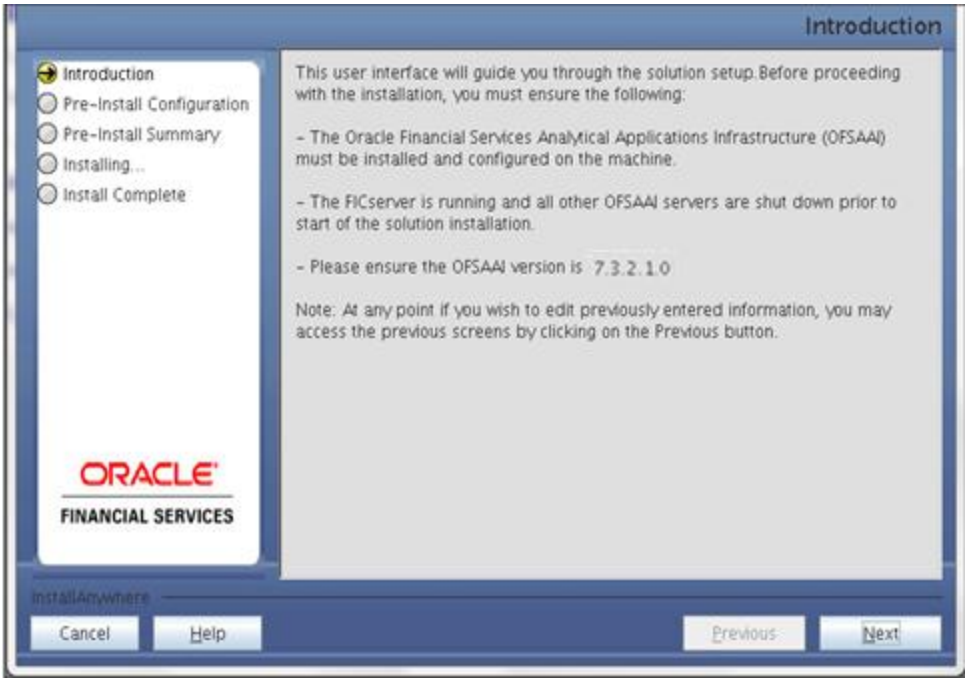
To begin with the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 installation, execute **Setup.sh** with the parameter GUI (GUI Installation) or SILENT (for Silent installation).



Installation Splash Screen

Step 2

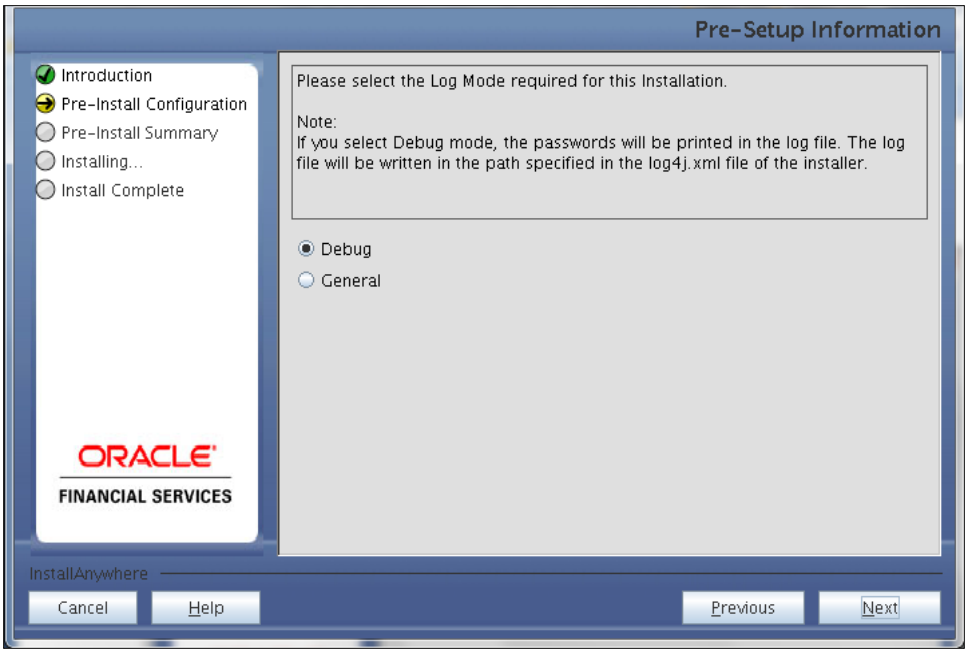
Upon loading the installer, the **Introduction** screen will display the prerequisites for installation. Ensure that these prerequisites are met before you proceed.



Introduction Screen

Step 3

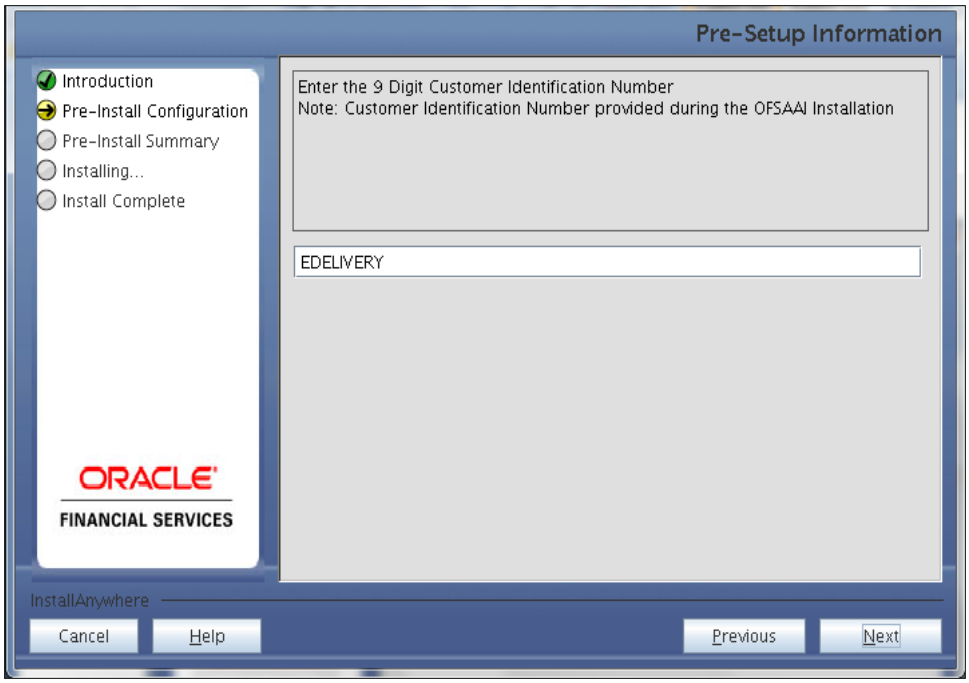
Choose the log mode for this installer. If **Debug** is selected then the debug information will get printed in the log file.



Log Mode Option Screen

Step 4

Enter the 9 digit Customer Identification number provided during the OFSAAI installation.



Customer ID Input Screen

Click **Next** to continue.

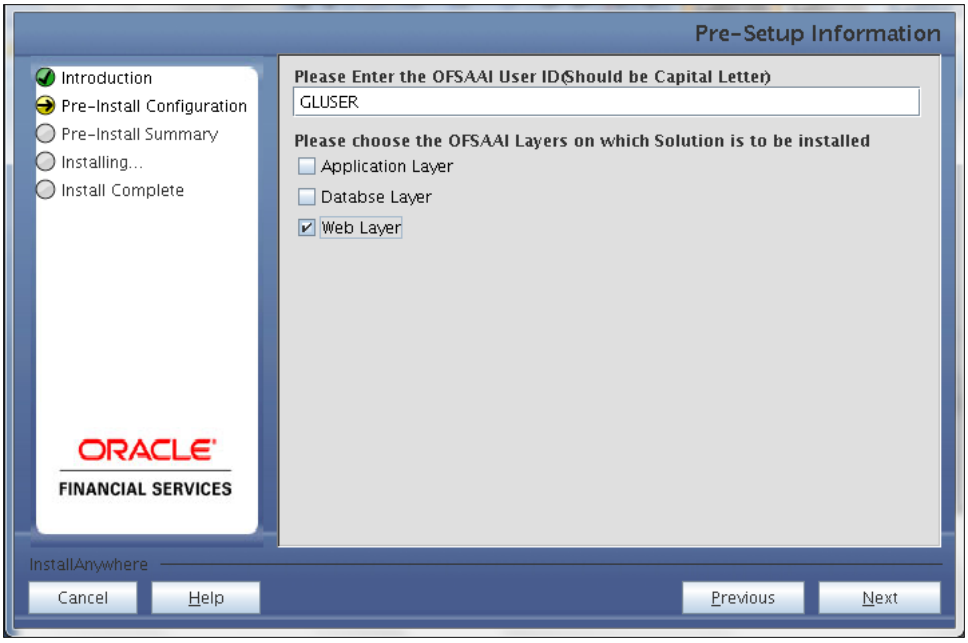
Step 5

The **Pre Setup Information** screen requests for setup information.

Enter the OFSAAI User ID.

Select the appropriate Oracle Financial Services Analytical Applications Infrastructure layer that has been installed on the machine.

Example: **Web Layer**



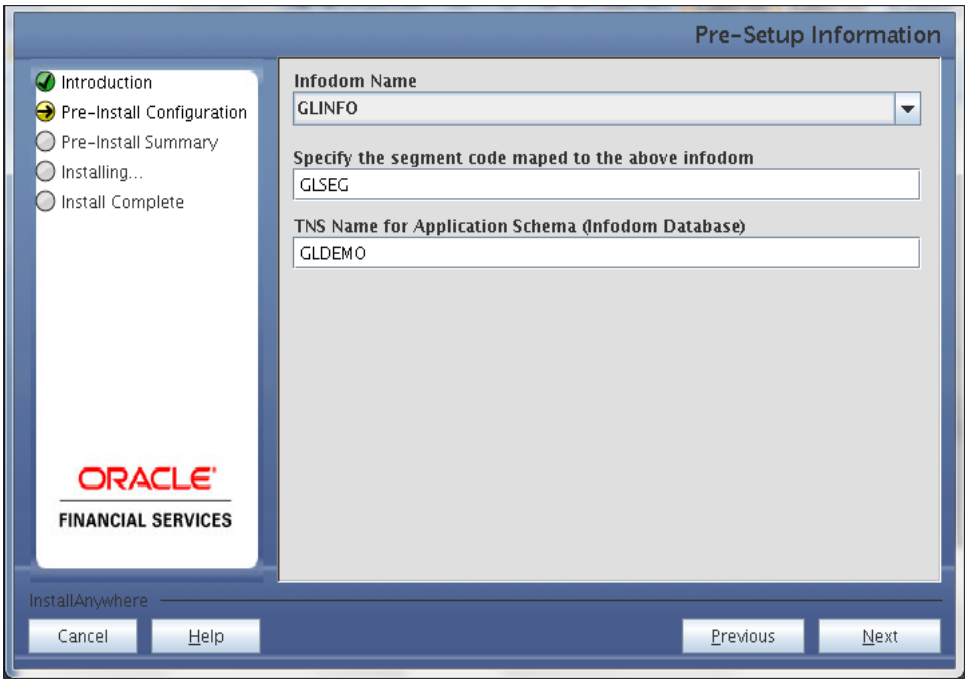
Pre Setup Information Screen – Choose Layer to Install

NOTE:

- For a single-tier Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 installation, you must select Application Layer, Database Layer and Web layer.
- For a multitier Oracle Financial Services Analytical Applications Infrastructure Release 7.3.2.1.0 installation, select the corresponding layer installed on the machine.

Step 6

Select the infodom from list of infodoms present in the setup, enter segment code and enter the application schema's TNS name in the following screen prompt.

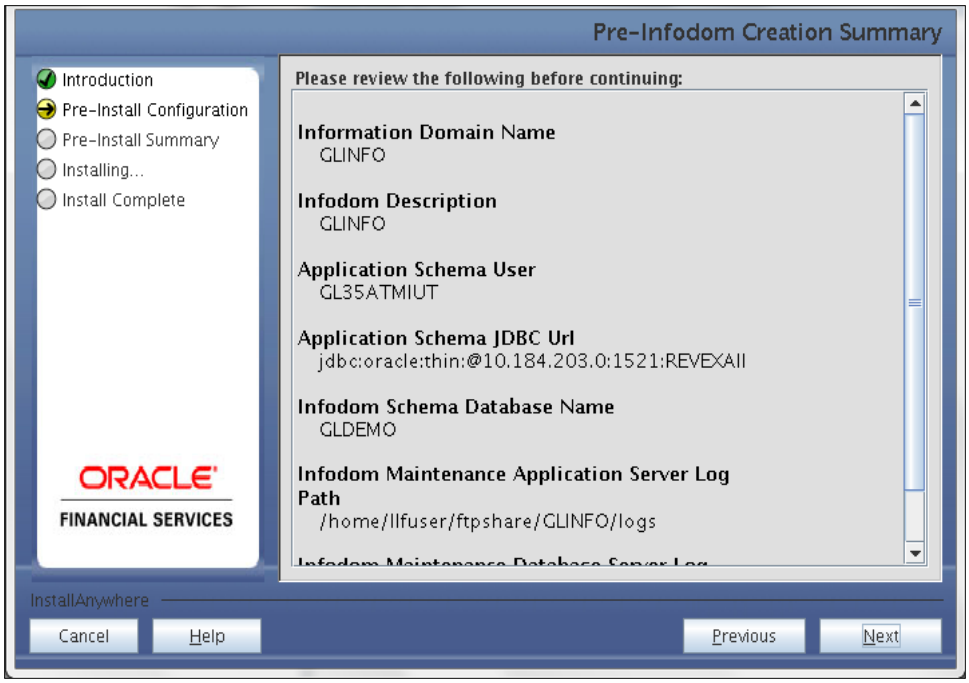


Pre Setup Information Screen – Choose Layer to Install

Step 7

This screen prompt summarizes the preinstallation details. Verify all the details and proceed.

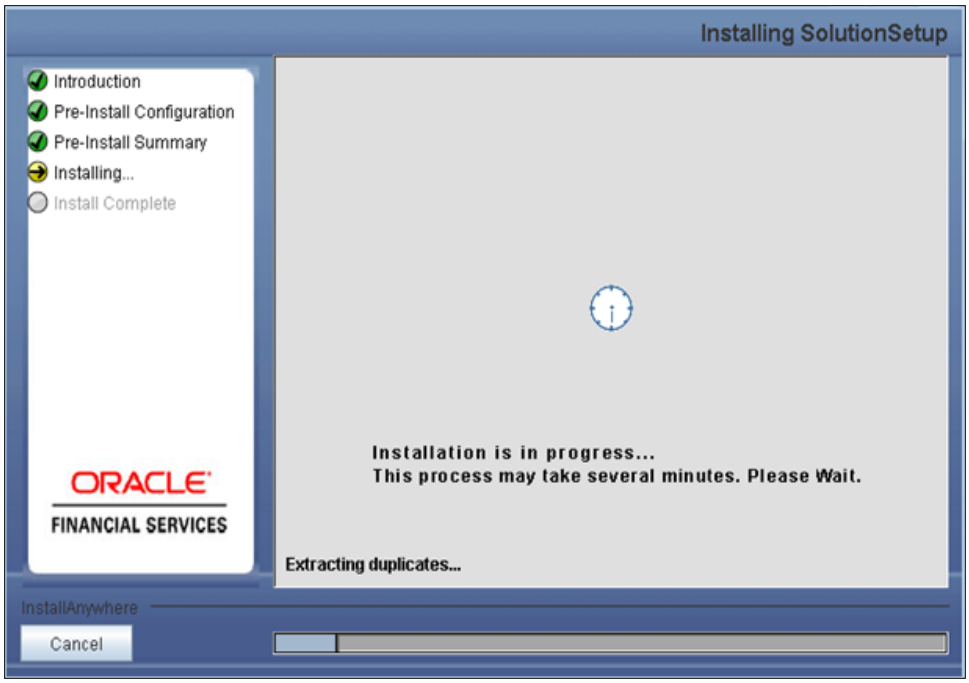
Click **Install** to proceed.



Pre – Install Summary

Step 8

This screen prompt displays the installation process. Wait till the installation is complete.

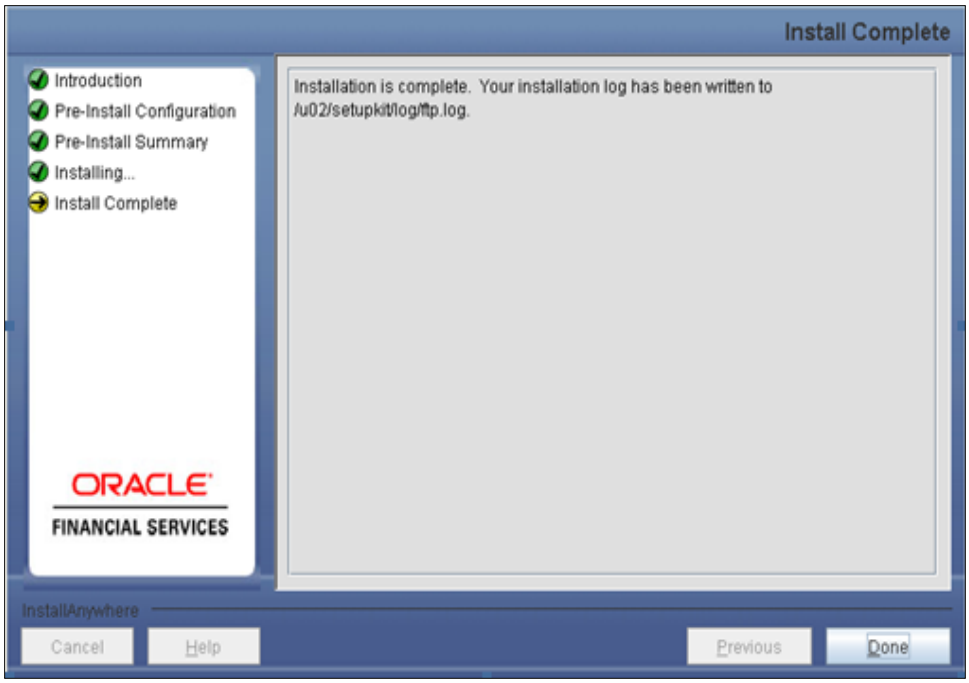


Installation is in progress

Step 9

The following screen prompt displays the completion of installation of the Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 setup.

Click **Done** to exit.



Installation Complete

3.2 OFS Analytical Applications Reconciliation Framework Release 3.5.0.0.0 Installation- Silent Mode

Silent installation is achieved through a properties file [Silent.props] that must be updated with proper values, before attempting to install using the silent mode.

- Copy the setup.sh, setup.bin, Silent.props, and ValidatePropsFile.jar to the layer(s) in which the installation has to be done.
- Edit the file “Silent.props” and specify the parameters as per the requirements.
- Execute Setup.sh with command line argument as SILENT, that is, **Setup.sh SILENT**, to start the installer

The following table lists all the properties that needs to be specified:

Property Name	Description of Property	Permissible values	Comments
LOG_MODE	Mode for logging	0 = Debug, 1= General	Optional; Default 0
CUSTOMER_ID	Customer id specified while installing OFSAAI	Not Applicable	MANDATORY
BATCH_USER	OFSAAI User ID, the ID we used to execute the batches or runs.	Not Applicable	MANDATORY
INSTALL_APP	Install Application-tier components be installed	0 = No, 1= Yes	Default : 0
INSTALL_DB	Install database-tier components	0 = No, 1= Yes	Default : 0
INSTALL_WEB	Install web-tier	0 = No, 1= Yes	Default : 0

Property Name	Description of Property	Permissible values	Comments
	components		
INFODOM_TYPE	New Infodom or Existing Infodom	0 = New, 1=Existing	# Specify Infodom Type. Mandatory if this an App Layer Installation, i.e. you have specified INSTALL_APP=1
INFODOM_NAME	Name of Infodom	Not Applicable	MANDATORY
INFODOM_DESC	description for the Database Schema for new Infodom	Not Applicable	# Mandatory if this is an App Layer Installation and if you want to create a new infodom. # i.e. you have specified INSTALL_APP=1 and INFODOM_TYPE=0
SEGMENT_NAME	Name of Segment	Not Applicable	MANDATORY
APPL_TNS	TNS Name of the Infodom database	Not Applicable	MANDATORY
APPL_USER	User-id of the Database Schema for new Infodom	Not Applicable	# Mandatory if this is an App Layer Installation and if you want to create a new infodom. # i.e. you have specified INSTALL_APP=1 and INFODOM_TYPE=0
APPL_PWD	Password of the Database Schema for new Infodom	Not Applicable	# Mandatory if this is an App Layer Installation and if you want to create a new infodom. # i.e. you have specified INSTALL_APP=1 and INFODOM_TYPE=0
APPL_URL	JDBC Connection String of the Database Schema for new Infodom	Not Applicable	# Mandatory if this is an App Layer Installation and if you want to create a new infodom. # i.e. you have specified INSTALL_APP=1 and INFODOM_TYPE=0
APPFTP_LOG_PATH	Infodom Maintenance log path(to be created) for the new Infodom for app layer	Not Applicable	This is an App Layer Installation and if you want to create a new infodom. # i.e. you have specified INSTALL_APP=1 and INFODOM_TYPE=0
DBFTP_LOG_PATH	Infodom Maintenance log path(to be created) for the new Infodom for DBlayer	Not Applicable	# Mandatory if this is an App Layer Installation and if you want to create a new infodom. # i.e. you have specified INSTALL_APP=1 and INFODOM_TYPE=0
UPLOAD_MODEL	If you want to perform Model Upload	0 = No, 1= Yes	Mandatory if INSTALL_APP=1
DM_DIRECTORY	The filename for customized data model	Not applicable	# Mandatory only if you want to upload the customized data model i.e. you have

Property Name	Description of Property	Permissible values	Comments
			specified MODEL_TYPE=1 and UPLOAD_MODEL = 1
DATAMODEL	The path for the customized data model	Not applicable	# Mandatory only if you want to upload the customized data model i.e. you have specified MODEL_TYPE=1 and UPLOAD_MODEL = 1
MODEL_TYPE	Released data model or customized data model	0 = released, 1= customized	Mandatory if INSTALL_APP=1 and UPLOAD_MODEL = 1
ETL_APPSRC_TYPE	ETL App/Src pair	# 0 = If you want to create a new ETL app/src pair # 1 = If you want to use an existing pair	Mandatory if this an App Layer installation
ETL_APP_1_NAME	Application Creation	Not applicable	Mandatory if this an App Layer installation
ETL_SRC_1_1_NAME	Source Creation	Not applicable	Mandatory if this an App Layer installation
ETL_APP_1_DESC	Application Description	Not applicable	Mandatory if you want to create new ETL app/src pair
ETL_SRC_1_1_DESC	Source Description	Not applicable	Mandatory if you want to create new ETL app/src pair

3.3 Post Installation Activities

OFSAAI Server Memory Configuration

The OFSAAI Application Server is started using reveleusstartup.sh. This file can be edited for setting customized memory settings, garbage collector settings depending on the available hardware configuration. You are requested to contact OFSAAI Support at https://flexsupp.iflexsolutions.com/ for guidance in altering the memory settings.

Once the installation of Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 application is completed, refer to the following activities:

- The following tag should be added manually in web.xml if not already present in web.xml:

```
<resource-ref>
 <description>DB Connection <Infodom_Name></description>
 <res-ref-name>jdbc/<infodom_name></res-ref-name>
 <res-type>javax.sql.DataSource</res-type>
 <res-auth>Container</res-auth>
 </resource-ref>
```

- Create a connection pool in the infodom. *For more information, refer to the OFSAAI 7.3.2.1.0 platform installation manual.*
- Copy the dynamic Services.xml, Dynamic services.dtd, Lookupservices.xml and

lookup.dtd from the $FIC_HOME/conf of app layer to ficdb/conf of the db layer.

- Map the following Functions to GLOPERATOR, GLADMINRL or GLAUTHRSR Role(s) to view Reconciliation Framework link from sys auth. The user can alternatively create a new Role and assign it to the Functions.
    - ADDGLCODE
    - MODGLCODE
    - VIEWGLCODE
    - SUBGLADJ
    - VIEWGLADJ
    - EDITGLADJ
    - ADDGLCOR
    - EDITGLCOR
    - APPGLADJ
    - REJGLADJ
    - APPVWGLADJ
    - APPGLCOR
    - REJGLCOR
    - VIEWGLCOR
    - ADDGBLSET
    - ADDGLPRM
    - VIEWGLPRM
    - EDITGLPRM
    - DELGLPRM
    - APPEDGLADJ
    - APPEDGLCOR
    - APPVWGLCOR
    - VIEWGBLSET
    - EDITGBLSET
    - DELGBLSET
    - ADDPASRCN
    - EDITPASRCN
    - VIEWPASRCN
    - DELPASRCN
- After mapping the functions to required roles (pre-existing or newly created), the user has to map the roles to required user groups, to grant access to underlying users from a user which has “System Administrators” privilege. This has to be authorized from sys auth.

- Map the domain segment names to a User Group manually and authorize it. After the roles are mapped, you can view the GL screen.
- Check for "`export LDR_CNTRL=MAXDATA=0x40000000`" in the .profile. If already commented as per preinstallation activity then uncomment it.
- Create and deploy the EAR/WAR file into webserver. *For more information on deploying the EAR/WAR file refer the OFSAAI v7.3.2.1.0 Installation manual.*
- Start all OFSAAI Servers.
- Start the web server after deployment.
- Refer Starting OFSAAI Servers in the Installation Guide for assistance in starting the servers.
- Re-save all the Hierarchies and the other metadata in OFSAAI.
- Recompile all the Functions, procedures and views.
- The log for resaving hierarchies can be found under $FIC_APP_HOME/common/FICServer/logs/ResaveLog.log

NOTE:

Ignore the following error in the log:

ORA-00001: unique constraint (ERMATOM.PK_REV_BIHIER) violated

ORA-00955 name is already used by an existing object

Ignore the following error in the installation log.

Error: Invalid SQL type (For script - PKG_GLRECON_PROCESSING.pck)

The Oracle Financial Services Analytical Applications Reconciliation Framework Release 3.5.0.0.0 application is now ready to be used.

If you encounter any problems during setup, please contact OFSAA Support at https://flexsupp.iflexsolutions.com/

3.4 Data Migration Activities

This process is applicable only for upgrade from the earlier version to current version.

Pre - Requisite for Migration:

1) Convert v_gl_type in GL_MASTER and GL_MAPPING_MASTER according to GL TYPE Hierarchy (HGL011). For more information, refer STG_GL_MASTER in 'Chapter 3 Data Requirements' in the User Guide of OFSAA Reconciliation Framework 3.5.0.0.0

References on Data Migration:

- Only ‘n_date_skey’, ‘d_calendar_date’ of ‘dim_dates’ to ‘fic_mis_date’ of ‘dim_time_date ‘are mapped.
- The default value of D_RECORD_END_DATE is '31-dec-9999'
- As in OFSAA Reconciliation Framework v3.0 there is no intra group functionality, the default value of F_INTRA_GROUP is ‘N’.
- The default value of F_LATEST_RECORD_INDICATOR is 'Y'.
- As in OFSAA Reconciliation Framework v3.0 multiple ledgers were not supported, the default value of f_primary_gl is 'Y'.
- General Ledger table STG_GL_DATA, was shipped in OFSAA Reconciliation Framework v 3.0. If any customized table is used as the GL table then, migration will not support it.
- For all combination of balance types present in setup_gl_balances - legal entity code column, branch code column, currency code column, consolidation type column, and mis date column are the same.
- Conversion of balance type(V_BALANCE_TYPE) from v3.0 to v3.5.0.0.0 is as follows:

Existing value	New Value
M	MTD
E	EOP
Y	YTD
Q	QTD

If any balance type is different from the above-mentioned existing values (M, E, Y, Q), then that will be migrated as #NTFD#. You will have to convert it to new balance type, according to balance types available in OFSAA Reconciliation Framework v3.5.0.0.0.

- If financial year in gl_global_parameters is present for both consolidation types that is, ‘C’ and ’S’ then, consider financial year for v_consolidation_type as 'S'.
- In v3.0 at mapping level you can give percentage threshold or absolute values, both or none. So following logic is implemented for migrating the definitions:

  If N_MAP_PERCENTAGE_THRESHOLD is not null then:

  Migrate definition according to 'PCT'. Give N_MAP_PERCENTAGE_THRESHOLD for both positive and negative threshold.

  If N_MAP_PERCENTAGE_THRESHOLD is null and

N_MAP_ABSOLUTE_THRESHOLD is not null then :

Migrate definition according to 'ABS', default the currency to 'USD'. Give N_MAP_ABSOLUTE_THRESHOLD for both positive and negative threshold.

If N_MAP_PERCENTAGE_THRESHOLD is null and N_MAP_ABSOLUTE_THRESHOLD is null then:

Migrate definition according to 'PCT' and the default threshold value to 999999999 for both positive and negative threshold.

- N_MAP_ADJUSTMENT_FLOOR= 0 for all migrated definitions as there is no adjustment floor concept in v3.0.
- All definitions are migrated in the actual currency as reporting currency concept has been eliminated from OFSAA Reconciliation Framework v3.5.0.0.0.
- Parent Child mapping definitions with filters, those filters cannot be moved. Check log table (FSI_DYNAMIC_SQL_ERROR_LOG) for the map id's of the definitions whose filters could not be moved.
- V_RECON_TYPE = 'A' as in v3.0. Only Manual Reconciliation is present.
- F_ADJUST_ALLOCATION_REQ = 'Y' as in v3.0. This flag was not present.
- F_ADJUST_ALLOCATION_METHOD= 'M' as in v3.0. This flag was not present.
- V_ADJUST_ENTRY_POSTED= 'PP' as in v3.0. This column was not present.
- v_GL_HCY_CODE = 'HGL009' is shipped in OFSAA Reconciliation Framework v3.5.0.0.0.
- Only Parent Child Hierarchy used in the definition are considered. OFSAA Reconciliation Framework v3.5.0.0.0 supports only Parent Child Hierarchy.
- Global settings Configuration of PP will happen only for 18 PPs shipped in OFSAA Reconciliation Framework v3.5.0.0.0.
- F_CONTINUE_EXE_ON_THRES_BREACH = 'N' as in v3.0. This column was not present.
- N_VERSION_NUMBER = '1' as in v3.0 definitions were identified by only map id, but now it is identified by map id and version number.
- V_DEFAULT_VALUE_TYPE = 'S'(Static) as there was no expression support.
- Migrate the F_AUTHORIZATION_STATUS from 'C' to 'P' according to latest in ADJUSTMENT ENTRIES table convention.

Steps for Migration:

1) Navigate to the “Migration” directory in the installer extracted area.

2) Provide **Read** and **Execute** permissions to all the files under the above-mentioned directory.

3) In this folder, update the entries in the 'params.conf' file. Provide the values for following five parametes in params.conf file.

   i. INFODOM (Information Domain name)
   ii. ATOMIC_USER (Atomic Schema username)
   iii. REV_USER (OFSAAI Application login user id)
   iv. SOURCE_NAME (ETL Source Name)
   v. FIC_MIS_DATE (Give Fic_mis_date in DD-MON-YYYY Format)

   Example :

   INFODOM=GLINFO

4) Execute the following command:

   ./migration.sh pre

5) Restart the app server.

6) Log in to OFSAA UI. Go to Unified Metadata Manager, select Data Integrator Framework. Select Warehouse Designer, select Data Sources. Select Mapped Sources and then select <<General Ledger Source>> . Select Generate Source Model.

7) Navigate to Unified Metadata Manager and select Data Entry Forms and Queries, select Data Entry, then select GL Book Migration. Click Edit and provide values for GL Book and GL Book Desc.

   a. GL Book and GL Book Desc should be unique and cannot be null or 'space' for different combinations of legal Entity and consolidation type. Give values of GL Book and GL Book Desc for all different combination of legal entity and consolidation type before proceeding to the next step.

8) Execute the following command.

   ./migration.sh mig

9) Refer to the Migration.log file for errors. The mentioned log file is present in the logs directory in the same path.

10) Login to the Atomic schema, check the table FSI_DYNAMIC_SQL_ERROR_LOG for latest records by sorting it on column D_DATETIME_STAMP in descending order till v_Stage_code = STAGE 29. If there are no errors in V_ERROR_DESC Migration is completed successfully. However, the user needs to give attention for logged records in v_stage_code ('STAGE 10 - A','STAGE 19 - A', 'STAGE 19 - B', 'STAGE 19 - C'). Check the description in v_sub_prog_name and check the corresponding column V_Query in the same row. If column V_Query is null for all the four stages mentioned, then entire data is migrated in new setup, or else map ids or balance types will be mentioned in column V_Query.

11) In case of any errors found or if the user wants to execute it again after resolving issues, Repeat all the steps from Step - 7. In case user wants to start from pre-migration i.e. step 4, execute to complete step 11 first.

12) Execute the following command.

    ./migration.sh post

13) Restart the app server and re-save all hierarchies.

14) After complete migration, user needs to map columns of GL and PP with Mandatory Dimensions in Global Settings.

15) If even one reconciliation definition is not mapped for Product Processor entries that are present in PRODUCT_PROCESSOR table, then do the following:

    Configuration for "GL Code Column Selection" and "Balance Column Selection" needs to be completed using Setup→ Global Settings→ Product Processor (PP) Source Settings.

Details for Migration:

Migration of table List

Source Table	Target Table
DIM_TIME_DATE	DIM_DATES
GL_MIGRATION_LOOKUP	STG_GL_BOOK_MASTER,
GL_MIGRATION_LOOKUP	DIM_GL_BOOK
GL_MASTER, GL_MIGRATION_LOOKUP	STG_GL_MASTER
GL_MASTER, GL_MIGRATION_LOOKUP	DIM_GL_ACCOUNT
GL_MIGRATION_LOOKUP	STG_LE_GL_BOOK_MAPPING
GL_MIGRATION_LOOKUP	SETUP_GL_BOOK_MAPPING
SETUP_GL_BALANCES	SETUP_GL_SOURCE
SETUP_GL_BOOK_MAPPING	SETUP_GL_BOOKS
SETUP_GL_BALANCES	SETUP_GL_BAL_TYPE_MAPPING
PRODUCT_PROCESSORS	SETUP_PRODUCT_PROCESSORS
GL_PP_MAP	SETUP_PP_BALANCE_COLUMNS
GL_PP_MAP	SETUP_PP_GL_CODE
	SETUP_GL_RECON_DIMENSIONS
GL_GLOBAL_PARAMETERS	SETUP_LE_FINANCIAL_CYCLE
GL_MAPPING_MASTER	FSI_GL_MAPPING_MASTER
GL_MAPPING_GL_CODES_MAPPING	FSI_GL_MAPPING_GL_CODES

Source Table	Target Table
GL_MAPPING_GL_CODES_MAPPING	update FSI_GL_MAPPING_MASTER
	delete non parent-child definitions from FSI_GL_MAPPING_MASTER
GL_EXECUTION_MASTER	FSI_GL_EXECUTION_MASTER
GL_PP_MAP	FSI_GL_MAPPING_PP_ALLOC_DTLS
GL_MAPPING_MASTER, GL_PP_MAP	FSI_GL_MAP_RECON_TARGETS
GL_EXECUTION_MASTER, GL_THRESHOLD_BREACHES	FSI_GL_EXECUTION_MAP_INFO
GL_PP_DEFAULT_VALUES	FSI_PP_DEFAULT_VALUES
FSI_GL_MAPPING_MASTER	FSI_GL_MAPPING_DIMENSIONS
GL_ADJUSTMENT_ENTRIES, CONTRA_GL_ACCOUNT	FCT_GL_ADJUSTMENT_ENTRIES
GL_THRESHOLD_BREACHES	FSI_GL_THRESHOLD_BREACHES
GL_CORRECTION_ENTRIES, GL_ADJUSTMENT_ENTRIES	FCT_GL_CORRECTION_ENTRIES
GL_RECON_AUDIT_TRAIL	FSI_GL_RECON_AUDIT_TRAIL

4. Oracle Financial Services General Ledger Configuration

Following steps are to be followed for configuring General Ledger Analytics v3.5.0.0.0. Dashboards and Reports after OBIEE installation (Server):

A. Preliminary Installation of Software

1. Ensure Oracle Business Intelligence (Version 11.1.1.6.6 with BIP) installation is complete and available.
2. If the OBIEE is installed in other than Windows environment, make sure that a standalone OBIEE Client is installed in a Windows environment.

B. Modify Repository Connection Pool Settings

For Windows Server

1. Copy the Repository file from the $FIC_HOME/GLBI and place it in the Repository folder where OBIEE is installed.

   i.e.<OBIEE Install Folder>/instances/instance1/bifoundation/ OracleBIServerComponent/coreapplication_obis1/repository.

2. Select Start > Programs > Oracle Business Intelligence > Administration.
3. Select File > Open > Offline.
4. Locate the OFS GL 3.5.rpd and open.
5. Provide Repository password. The Repository password is **'weblogic123'**.

Set the Connection Pool Properties.

6. In the "Physical" layer, under Database object double-click on the "Connection Pool" to update its properties.
7. In the ‘General’ tab, edit / check the following entries:

   Call Interface: Default (OCI 10g/11g)

8. Update Data source name as give in the below example:

   For example:
   (DESCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)(HOST**=<Database IP Address>**)(PORT=**<Port no>**)))(CONNECT_DATA=(SID=**<Database name>**)))

9. Enter Database Schema user name in the User Name field.
10. Enter Database Schema password in the Password field.
11. Click 'OK' to close the window and click 'Save' to save the RPD file.

12. Click 'No' for the Global Consistency Message.

13. Close the RPD file (File / Exit).

For Other Servers

1. Copy the Repository file from the $FIC_HOME/GLBI and place it anywhere in the local Windows system.

2. Open the BI Administration tool in the windows environment.

3. Select Start > Programs > Oracle Business Intelligence Enterprise Edition Plus Client> Administration.
4. Select File > Open > Offline.
5. Locate the file OFS GL 3.5.rpd and open.
6. Provide Repository password. The Repository password is **'weblogic123'**

Set the Connection Pool Properties as described in steps 6-13.

C. Starting Node manager and Weblogic Servers

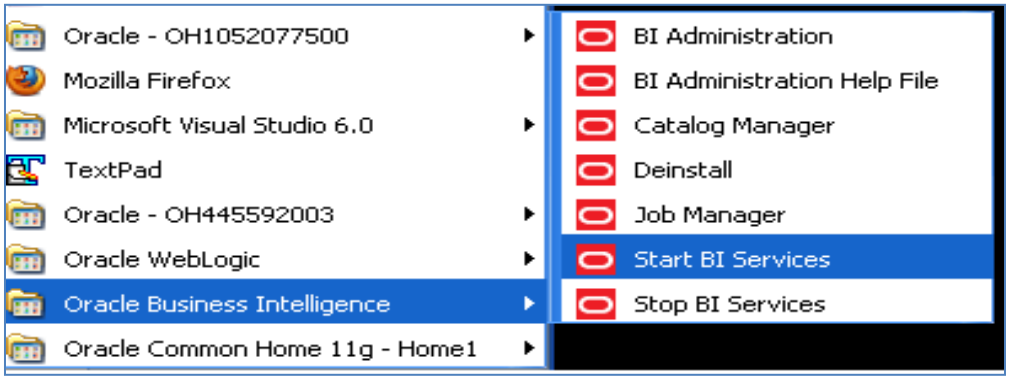
1. Check if the Node Manager is running or not. If not then refer to the following steps:

For Windows Server

1.1 Go to Services.

1.2 Start the Service Oracle Weblogic NodeManager.

Alternatively you can start Node Manager and all the managed services from the All Programs -> Oracle Business Intelligence-> Start BI Services option in the start menu.



For Other Servers

1.1 Navigate to < OBIEE Install Folder >/ wlserver_10.3/server/bin folder.

1.2 Run the following command: '**nohup ./startNodeManager.sh &**'.

2. Check if the Weblogic AdminServer is running or not. If not, then refer to the following steps:

For Windows Server

2.1 Navigate to < OBIEE Install Folder >/user_projects/domains/bifoundation_domain/bin

2.2 Run the following command: startWebLogic.cmd

NOTE:

The Weblogic Admin Server would have already started, if the user had started through the All Programs -> Oracle Business Intelligence-> Start BI Services option as stated above.

For Other Servers

2.1 Navigate to < OBIEE Install Folder >/user_projects/domains/bifoundation_domain/bin

2.2 Run the following command: **'./startWebLogic.sh**'

2.3 Enter the weblogic credential defined during the installation.

2.4 Bringing up this service may take a few minutes depending on your environment, wait until the command line stops scrolling and indicates server in RUNNING mode.

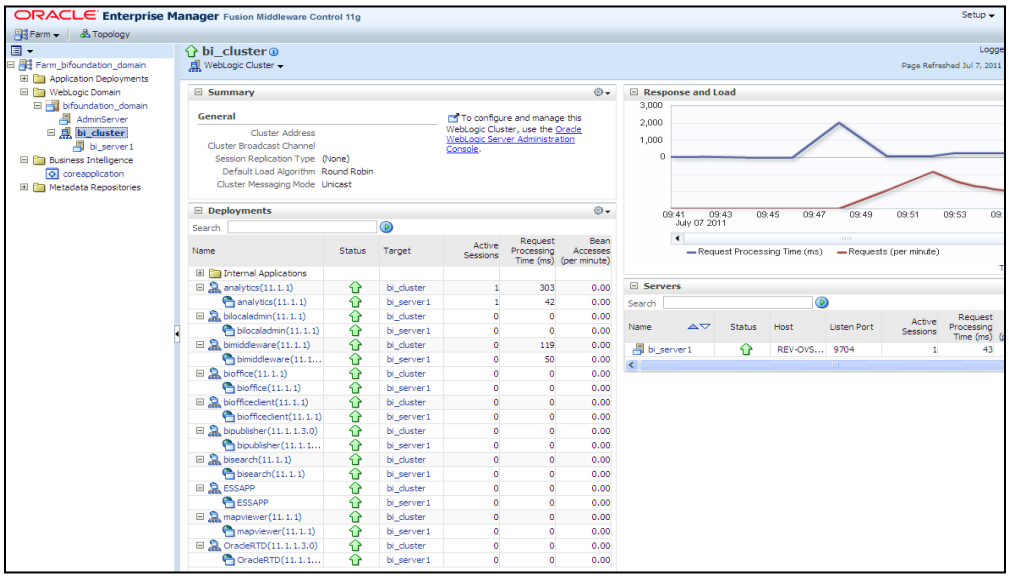
```
<Aug 25, 2010 10:32:06 AM CEST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to RUNNING>
<Aug 25, 2010 10:32:06 AM CEST> <Notice> <WebLogicServer> <BEA-000360> <Server started in RUNNING mode>
```

3. Start Weblogic Managed Server (bi_server1)

3.1 Log in to Fusion Middleware Control ' **http://<hostserver name or IP>:<Port No Default is 7001>/em'** using the weblogic credentials defined during installation.

3.2 Under the WebLogic Domain expand the bifoundation_domain node in the navigation tree, and select bi_cluster. Select bi_cluster, and click the WebLogic Cluster menu to the right of it. Select the Control option from the menu, and select Start Up to start the Managed Servers.

3.3 Verify the status of the applications.

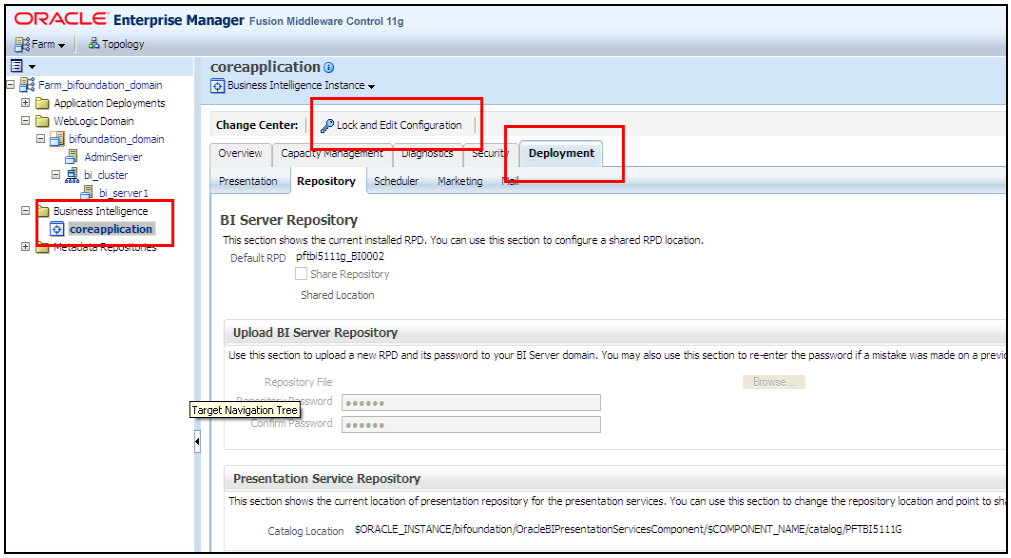


D. Deployment

1. Deploy RPD file.

1.1 Log in to Fusion Middleware Control 'http**://<hostserver name or IP>:<Port No Default is 7001>/em'** using the weblogic credentials defined during installation.

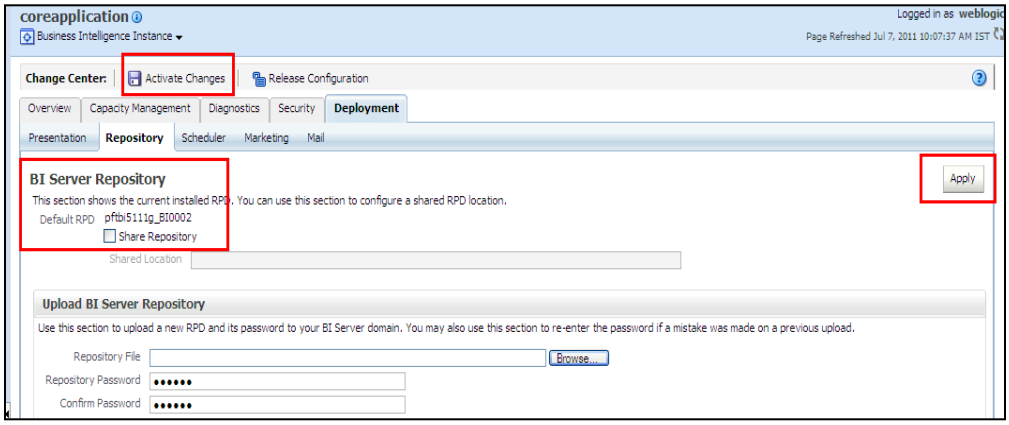
1.2 Go to Business Intelligence folder > coreapplication> Deployment and click on Lock and Edit Configuration.



1.3 In the Upload BI Server Repository click Browse and locate the folder where the new OFS GL 3.5.RPD which has to be deployed is present.

1.4 Now input the existing RPD Password. Then, select Activate Changes.

1.5 You can see the new Default RPD as the OFSGL3_BI0003.5



1.6 Restart the BI Server as mentioned in section E.

1.7 Modify the NQSConfig.INI file to incorporate User Roles and Group Id changes in case any GUID related error occurs. The location is:

< OBIEE Install Folder>
/instances/instance1/config/OracleBIServerComponent/coreapplication_obis1

Change the FMW_UPDATE_ROLE_AND_USER_REF_GUIDS to YES.

e.g. FMW_UPDATE_ROLE_AND_USER_REF_GUIDS = YES;

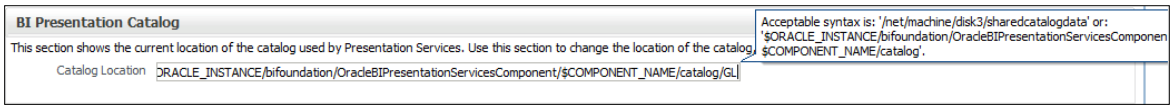
1.8 After modifying the file Restart the BI services again to remove the above error.

2. Deploy Web Catalog.

2.1 Copy the GL_Recon_3.5.catolog file from $FIC_HOME/GLBI folder.

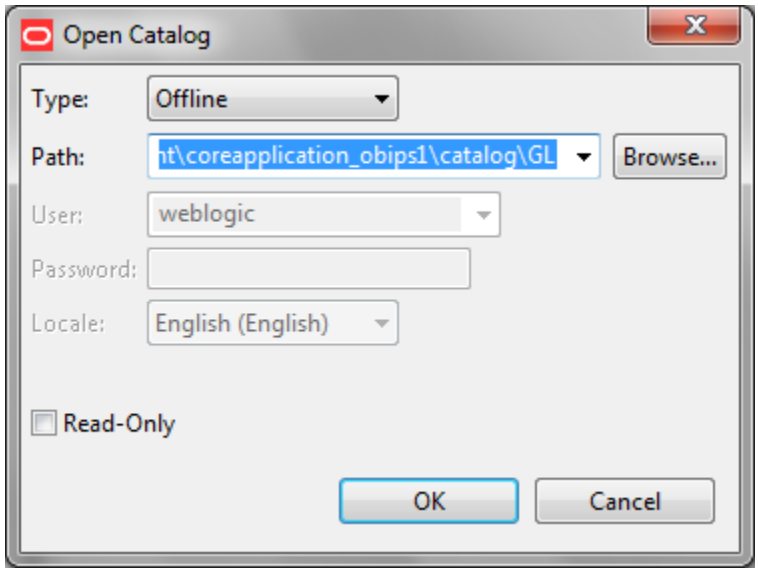
2.2 Go to Business Intelligence folder > coreapplication> Deployment and check for the Catalog name. Change to GL then apply and activate changes. This will create a new empty catalog with the name given.

e.g.
$ORACLE_INSTANCE/bifoundation/OracleBIPresentationServicesComponent/$COMPONENT_NAME/catalog/GL

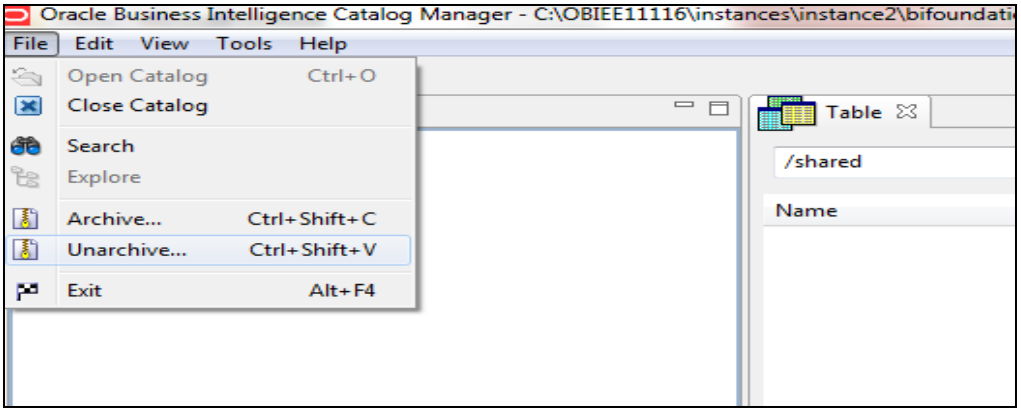


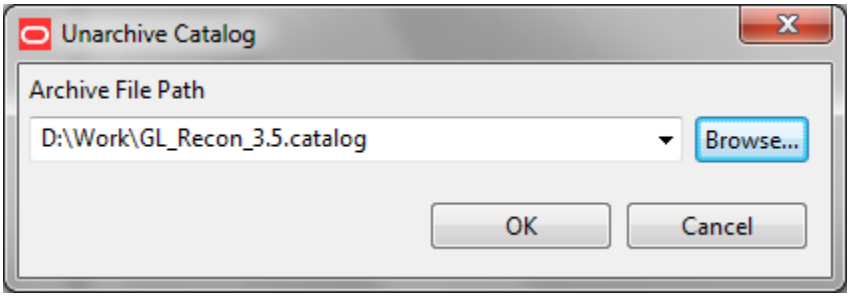
2.3 Go to Catalog Manager. Open the newly created catalog. File -> Open Catalog.

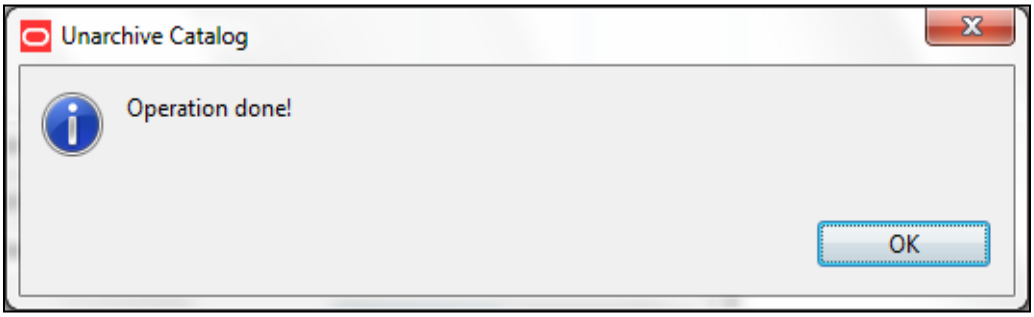
2.4 Open the catalog offline -> Browse to the catalog path. Click OK.



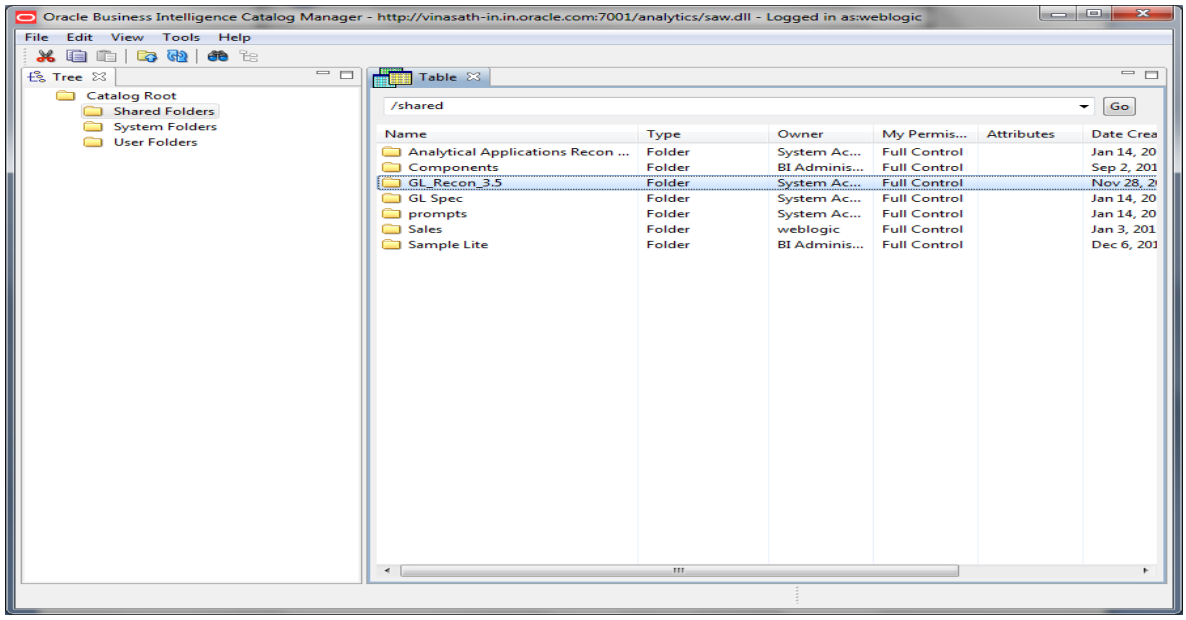
2.5 Now navigate to the /**shared** folder in the catalog manager and unarchive by selecting the path where the GL_Recon_3.5.catolog was present. Then, click ok.







2.6 Verify that the GL folder appears under /shared folder.



2.7 Once the Unarchive is done restart the BI Presentation Services (see section E) to apply the change.

2.8 Modify the instanceconfig.xml file in case of any GUID error related to the BI Presentation Server to instruct Presentation Services to refresh GUIDs on restart.

The location of instanceconfig.xml file is < OBIEE Install Folder> /instances/instance1/config/OracleBIPresentationServicesComponent/coreapplication_obips1

Edit the file to add the line <UpdateAccountGUIDs>UpdateAndExit</UpdateAccountGUIDs> and restart the BI presentation services once again.

2.9 The steps mentioned above will force the BI Presentation Services to be shut down after updating the Account GUIDS.

In that case Go to instanceconfig.xml file and revert the changes made i.e. remove the line <UpdateAccountGUIDs>UpdateAndExit</UpdateAccountGUIDs> from the instanceconfig.xml file and restart the services again.

E. Starting the Analytics services

The Oracle Business Intelligence system components can be started in any of the following manner.

1. Through OPMN controller

For Windows Server

1.1 Open a command prompt, navigate to <OBIEE Install Folder>/instances/instance1/bin

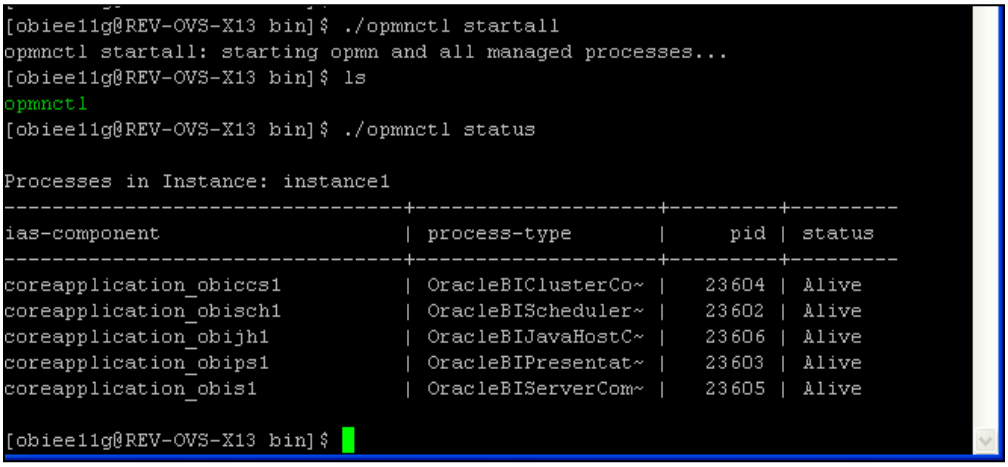
1.2 Run the ‘opmnctl startall’ command.

For Other Servers

1.1 Navigate to < OBIEE Install Folder > /instances/instance1/bin

1.2 Run the command **‘. /opmnctl startall’**

1.3 Check the status by running the command **‘. /opmnctl status’**



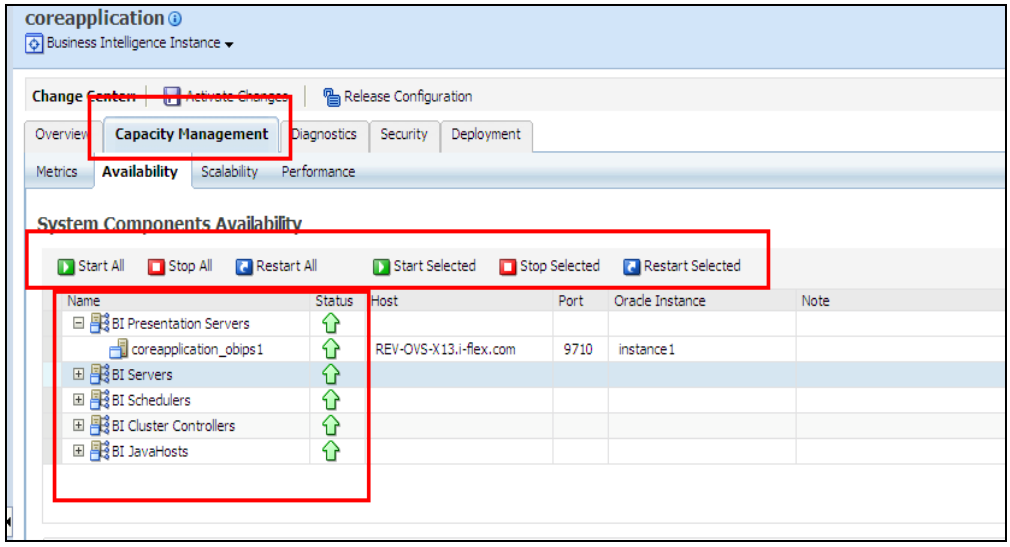
2. Through Enterprise Manager

2.1 Login to the EM administration screen using the url ’http**://<hostserver name or IP>:<Port No Default is 7001>/em’**

2.2 Expand 'Business Intelligence' node on the left and choose Coreapplication.

2.3 Navigate to Capacity management > Availability.

2.4 Click the necessary buttons to start and stop the services.



3. In case of any problems check for the log files present in the respective diagnostic folders of analytics server that is, <OBIEE Install Folder>/instances/instance1/diagnostics/logs.

F. Testing the Analytics reports

1 Log in to '**http:// <host server name or IP>:<Port No default is 7001>/analytics/saw.dll?Dashboard'** using your Administrator credentials created during platform install.

2 Check for the reports availability.

3 In case of any problems check for the log files present in the respective diagnostic folders of analytics server, that is, <OBIEE Install Folder>/instances/instance1/diagnostics/logs.

Installation Manual
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Oracle Financial Services Analytical Applications Reconciliation Framework, Release 3.5.0.0.0.
Oracle Corporation
World Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
U.S.A.

Worldwide Inquiries:
Phone: +1.650.506.7000
Fax: +1.650.506.7200
http://www.oracle.com/us/industries/financial-services/index.html
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