Oracle® Banking Platform Collections

Infrastructure Setup Guide

Release 2.4.0.0.0

E64764-01

September 2015

ORACLE®

Oracle Banking Platform Collections Infrastructure Setup Guide, Release 2.4.0.0.0

E64764-01

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Preface

This document helps you to configure the Collections infrastructure setup.

This preface contains the following topics:

- Audience
- Documentation Accessibility
- Organization of the Guide
- Conventions

Audience

This document is intended for the following:

- Consulting Staff
- Administrators

Documentation Accessibility

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Organization of the Guide

This document contains:

Chapter 1, "Introduction"

This chapter presents an overview of the infrastructure setup required for Collections.

Chapter 2, "PTP Approval Changes"

This chapter describes the PTP approval changes, prerequisite, and verification for infrastructure setup.

Chapter 3, "OBIEE Reports Setup"

This chapter explains the procedure of installing RCU and OBI 11g for OBIEE reports setup.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Introduction

This document explains the configuration required in enterprise services, such as DMS, OIM, APS to enable Collections module deployment along with OBP platform. You must perform the configuration outlined in this document once Collections module is deployed along with OBP version 2.4.0.0.0. Collections module uses Document Management System (DMS), Oracle Identity Manager (OIM), APS API for document generation and delivery, user profile management, and application security. Various functional components in Collections use the enterprise services offered by OBP.

2

PTP Approval Changes

Collectors take promise to pay from customers for the outstanding amount. A Promise to Pay (PTP) transaction may require supervisor approval based on various parameters. The parameters on which PTP approval decision has to be made are covered in subsequent sections along with the details of configuration required to setup the approval process. The PTP approval process has been implemented with Oracle Authorization Policy Manager.

Prerequisite and Verification

Before you configure the Oracle Authorization Policy Manager (OAPM), ensure the following verifications are performed:

Verifying Installed Application

You need to follow the below mentioned steps to verify installed application:

1. Collections module must be deployed along with OBP and is up and running.
2. SOA Domain must be configured along with OBP UI and Host Domain.
3. Oracle Authorization Policy Manager (OAPM) must be installed. OAPM is used to implement the resource hierarchies and multiple policy definitions. This is also termed as OES (Oracle Entitlements Server) or APM (Authorization Policy Manager) to verify product shipped configurations in the SOA Domain.

   The UI, Host and SOA domains are secured.
4. Ensure that the following are present for PTP approval OES parameters. Following are product shipped parameters, which can be used for configuration:

Table 2–1 Product-Shipped Adapter Parameters

<Host_ Home>/config/properties/ConstraintAttributeHelper.properties Product Shipped Parameters	**Adapters**
PromiseToPay.PTPType	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.ProductGroup	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.DaysPastDue	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.CoverageRatio	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.ScrificeAmount	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter

Table 2–1 (Cont.) Product-Shipped Adapter Parameters

<Host_ Home>/config/properties/ConstraintAttributeHelper.properties Product Shipped Parameters	Adapters
PromiseToPay.DaysToFirstInstallment	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.NumberOfInstallments	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.TotalPromiseDurationInDays	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter
PromiseToPay.UserRole	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowAdapter

5. To verify whether PTP is configured for approval in the BPM worklist, use the following piece of SQL statement. The SQL query has to be run on the OBP Host database.

```
SELECT * from Flx_Sm_Authorizations_B where Cod_Service_Id =
'com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicati
onServiceSpi.create';
```

Table 2–2 Verifying BPM Worklist Parameters

Verify results based on the following table:Column	Values
COD_SERVICE_ID	com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicationServiceSpi.create
COD_AUTH_ID	**1052**
AUTH_DESC	**MATRIX_AUTH** (This is to execute the OES rules and check if approval is needed or the PTP can be auto approved)
IS_AUTH_REQUIRED	**Y** (meaning that the PTP should check the OES rules and go for approval if needed)
IS_DELEGATED	N
CREATED_BY	SETUP
CREATION_DATE	<some date and time value>
LAST_UPDATED_BY	SETUP
LAST_UPDATE_DATE	<some date and time value>
OBJECT_VERSION_NUMBER	1
OBJECT_STATUS	A

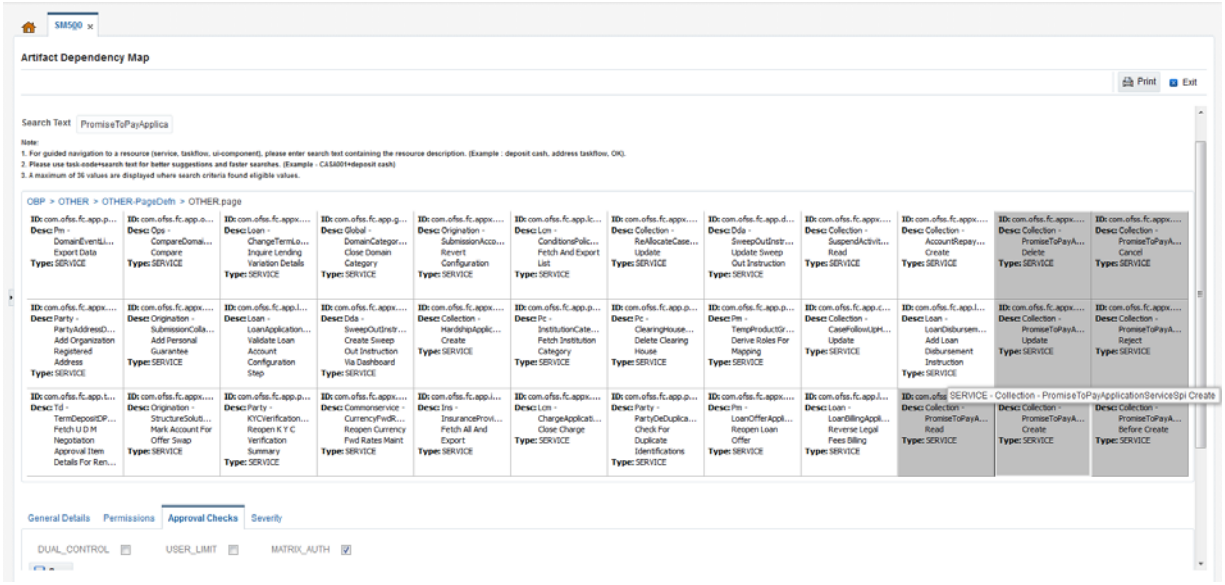
If the above row is not present, insert a new row with given values by using the following SQL statements.

```
Insert into FLX_SM_AUTHORIZATIONS_B (COD_SERVICE_ID,COD_AUTH_ID,AUTH_
DESC,IS_AUTH_REQUIRED,IS_DELEGATED,CREATED_BY,CREATION_DATE,LAST_
UPDATED_BY,LAST_UPDATE_DATE,OBJECT_VERSION_NUMBER,OBJECT_STATUS) values
('com.ofss.fc.app.collection.service.promisetopay.PromiseToPayApplicati
onService.create','1052','MATRIX_AUTH','Y','N','SETUP',to_
timestamp('31-MAY-10 02.33.04.000000000 PM','DD-MON-RR HH.MI.SS.FF
```

```
AM'),'SETUP',to_timestamp('31-MAY-10 02.33.04.000000000 PM','DD-MON-RR
HH.MI.SS.FF AM'),1,'A');
```

If the value of the field IS_AUTH_REQUIRED is N, then it can be updated from SM500 screen that is, Artifact Dependency Map. The value has to be update in Approval Checks Tab from SM500 screen for this application service.

Figure 2–1 PTP Approvals in Artifact Dependency Map (SM500)



2.1 PTP Changes in APM

APM/OES is a system where you can define Oracle Entitlement Server (OES) rules. These rules help in deciding whether PTP approval should be a manual approval or auto-approved.

> **Note:** These rules are part of Day Zero Setup. You can use this document to verify whether the rules have been configured or not. If the rules are not configured, then you use this document to configure them.

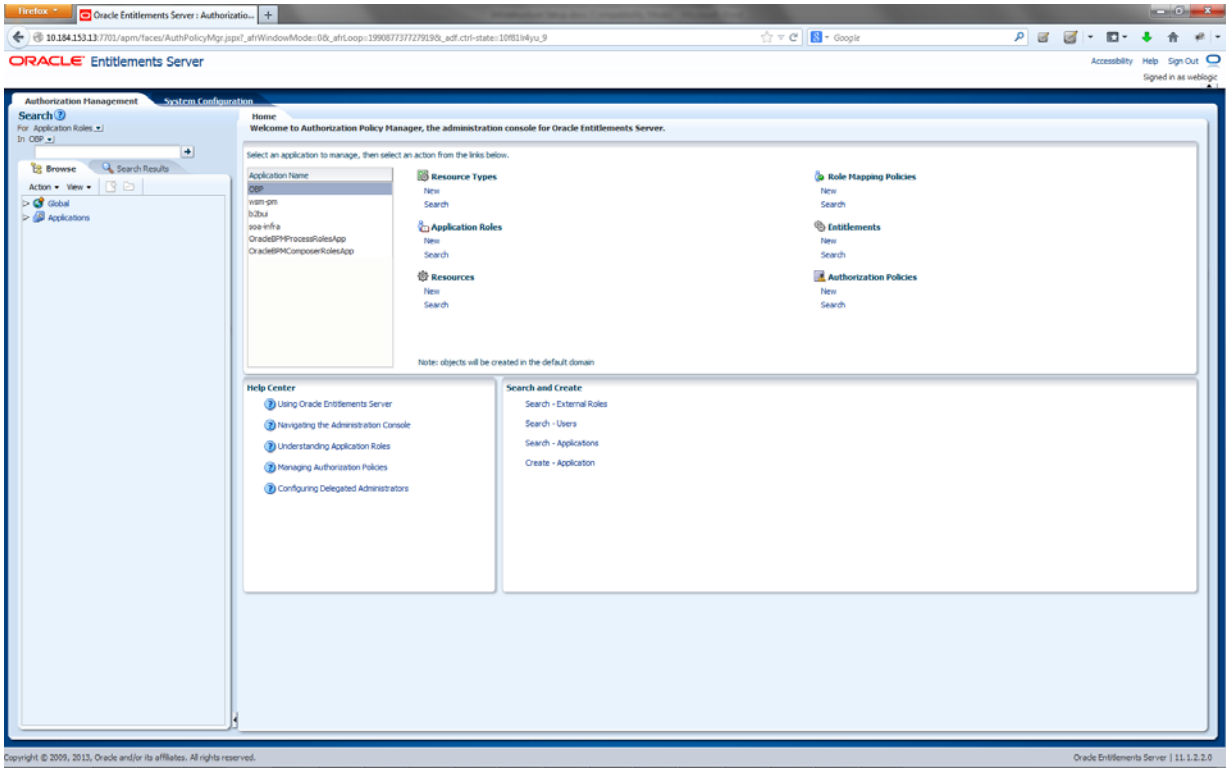
1. In APM, you should add the attributes, based on their values, it is decided whether PTP should be auto-approved or should go for manual approval.
2. The attributes added uses simple if else conditions and based on the final result (true/false), the decision to auto-approve or manual approve is made.

2.1.1 Adding the Attributes Required for PTP OES Validation

Follow the steps below to add the attributes required for PTP OES validation:

1. Log in to APM (OES) with administrative credentials.

Figure 2–2 APM (OES) Login

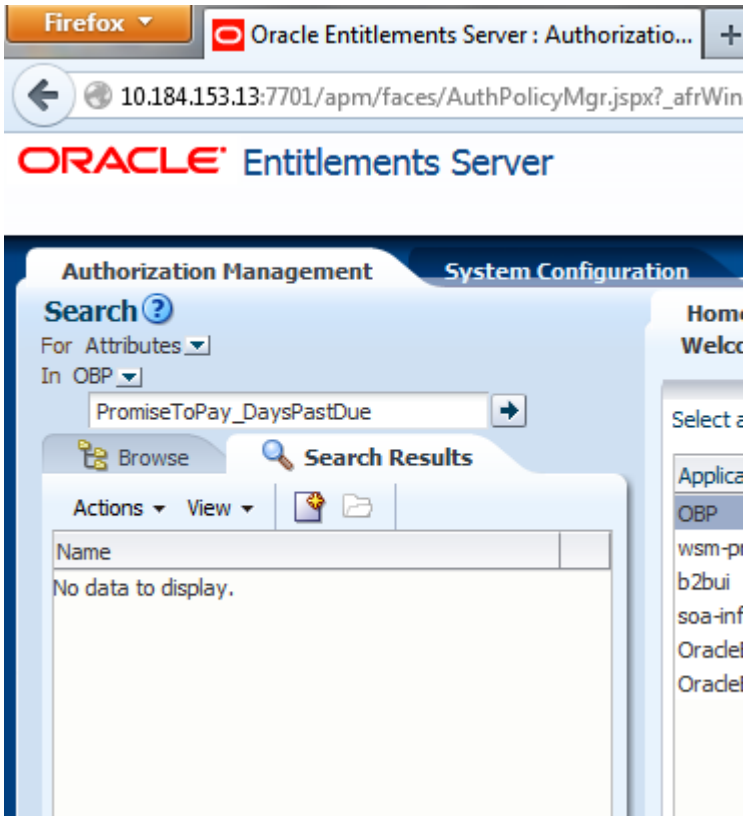


2. In the **Authorization Management** tab, under **Search** > For **Attributes** > In **OID PolicyDomain >** Search for any attribute from the list provided below:

   - PromiseToPay_PTPType
   - PromiseToPay_ProductGroup
   - PromiseToPay_DaysPastDue
   - PromiseToPay_CoverageRatio
   - PromiseToPay_ScrificeAmount
   - PromiseToPay_DaysToFirstInstallme
   - PromiseToPay_NumberOfInstallmen
   - PromiseToPay_TotalPromiseDurationInDays
   - PromiseToPay_UserRole

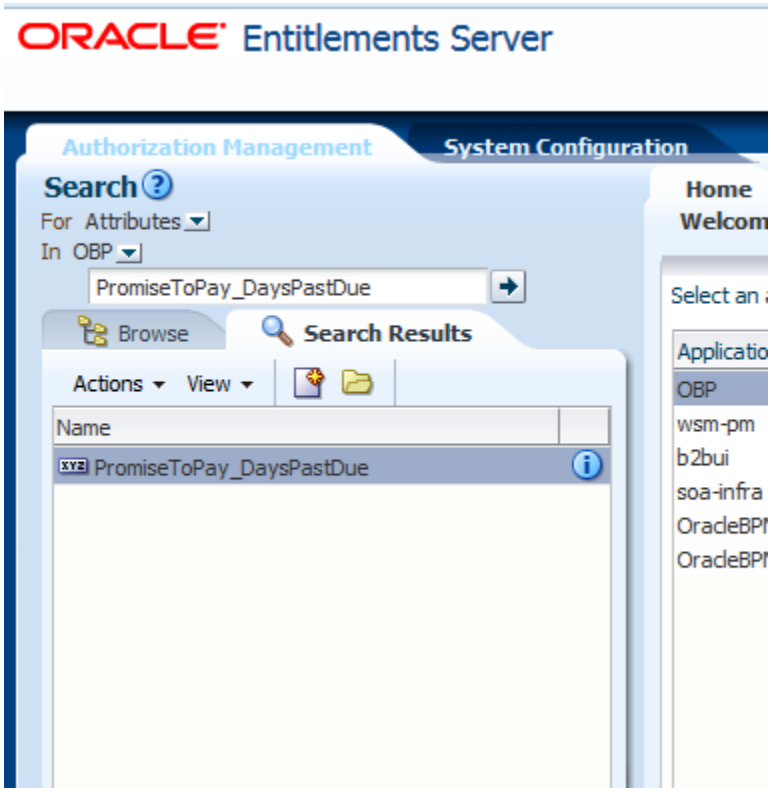
   Below mentioned screen is the Attribute **PromiseToPay_DaysPastDue** screen.

Figure 2–3 Attribute - PromiseToPay_DaysPastDue



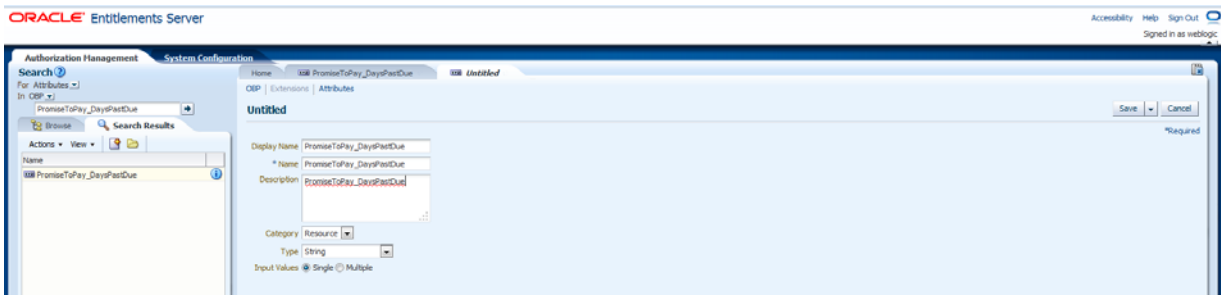
3. If the attribute **PromiseToPay_DaysPastDue** does not exist, then create it by clicking the **New** icon.

Figure 2–4 Attribute - PromiseToPay_DaysPastDue New



4. Enter **Display Name**, **Name**, and **Description**. The **Display Name**, **Name**, and **Description** will be same as the attribute name.

Figure 2–5 Entering Values



5. Select **Category** as **Dynamic**.
6. Select the **Type** and **Input Values** based on the field type and the kind of values.
7. Click **Save**.

   The following table lists the PTP manual and auto-approve parameters.

Table 2–3 PTP Manual and Auto-Approve Parameters

Display Name	Name	Description	Category	Type	Input Values
PromiseToPay_ PTPType	PromiseToPay_ PTPType	Indicates the promise to pay type.	Dynamic	String	Single
PromiseToPay_ ProductGroup	PromiseToPay_ ProductGroup	Indicates the product group for which the PTP has been taken.	Dynamic	String	Single
PromiseToPay_ DaysPastDue	PromiseToPay_ DaysPastDue	Indicates the days past due.	Dynamic	String	Single
PromiseToPay_ CoverageRatio	PromiseToPay_ CoverageRatio	Indicates the coverage ratio.	Dynamic	Integer	Single
PromiseToPay_ ScrificeAmount	PromiseToPay_ ScrificeAmount	Indicates the sacrifice amount.	Dynamic	Integer	Single
PromiseToPay_ DaysToFirstInstallment	PromiseToPay_ DaysToFirstInstallment	Indicates the day after the first installment.	Dynamic	String	Single
PromiseToPay_ NumberOfInstallments	PromiseToPay_ NumberOfInstallments	Indicates the total number of installments in PTP.	Dynamic	String	Single
PromiseToPay_ TotalPromiseDurationInDays	PromiseToPay_ TotalPromiseDurationInDays	Indicates the total promise duration in days.	Dynamic	String	Single
PromiseToPay_ UserRole	PromiseToPay_ UserRole	Indicates the role of the user who has created the PTP.	Dynamic	String	Single

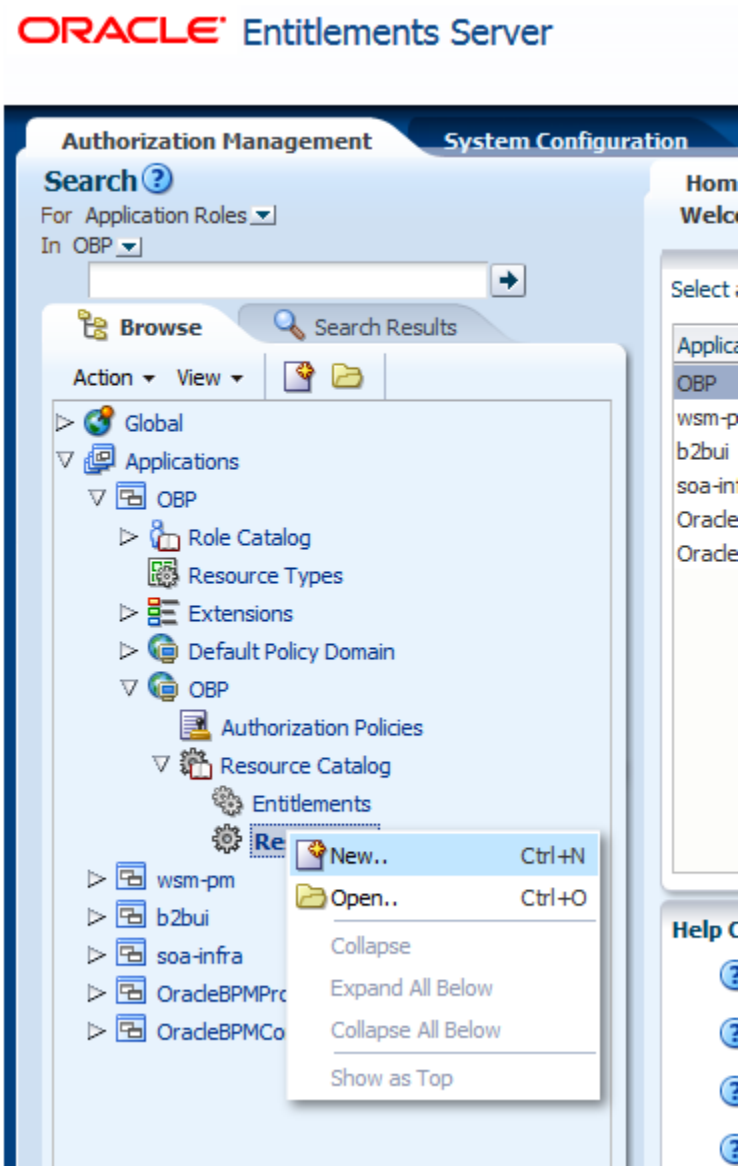
2.1.2 Editing Conditions on Attribute

The OES rules are checked based on the conditions defined in the rules. These rules are defined based on the functional requirement and business perspective. In this case, the OES rules are defined to decide whether PTP has to go for manual approval or has to be auto approved. If the outcome is true, auto approval is done, else PTP is sent for manual approval.

> **Note:** The services will be product shipped and will be available after the day 0 setup. Please follow the steps below to define/verify the conditions on the attributes that are present in the table above.

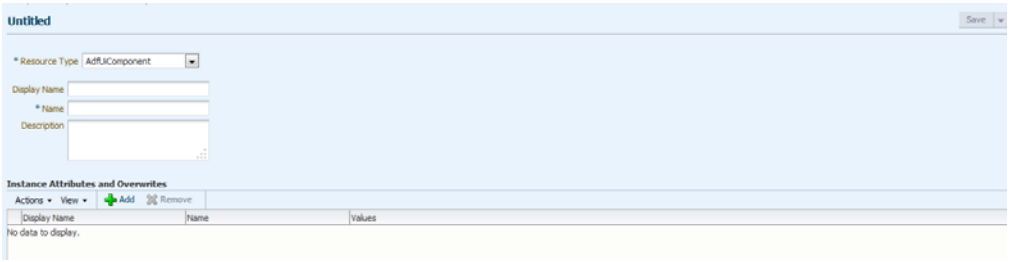
1. Click **Browse** > **Applications** > **[Policy Store Area]** > **[Policy Store Domain]** > **ResourceCatalog**. Select **Resources**, then right-click and select **Open** (to verify).
2. Right-click **Resources** and then select **New**.

Figure 2–6 Authorization Management - Creating a New Resource



When you click the **New** button, following screen appears.

Figure 2–7 Authorization Management - New Resource Page



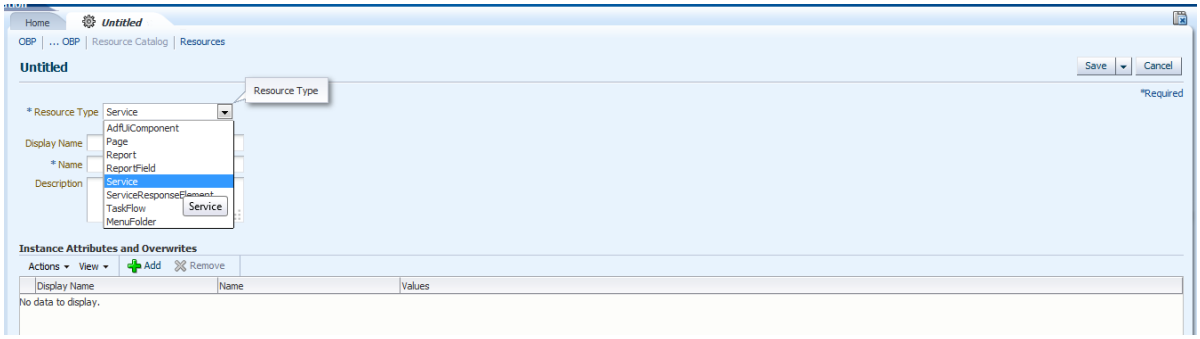
3. In the **Untitled** screen, specify the following values:

Table 2–4 Creating New Resources

Field Name	Value
Resource Type	Service
Display Name	com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicationServiceSpi.create
Name	com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicationServiceSpi.create
Description	com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicationServiceSpi.create

4. Select the **Resource Type** as **Service**.

Figure 2–8 Authorization Management - Selecting Resource Type



5. Click **Save**.

2.1.3 Adding Policies to Resources

Policies are added to apply grant or deny permissions to the application roles to the application service configured.

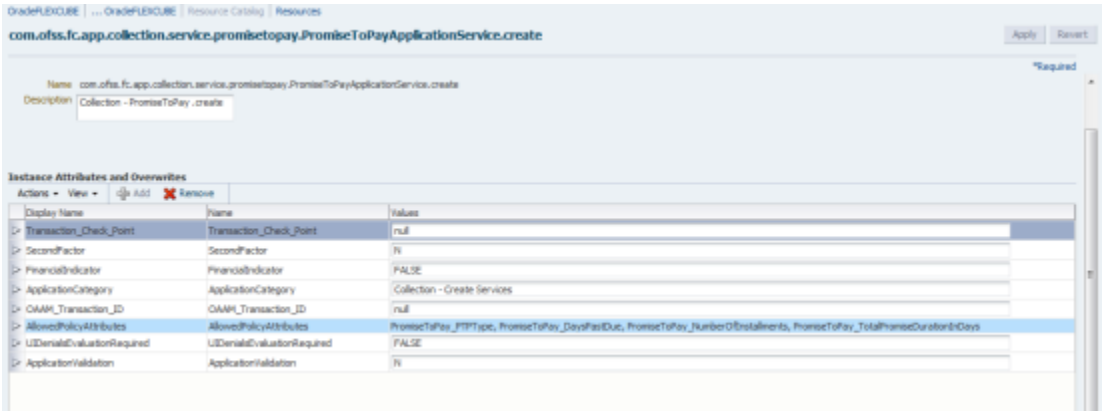
The following application roles are shipped along with the product and will be available in Oracle Internet Directory (OID) once the Day Zero setup is completed.

Table 2–5 Application Roles

Application Role Description	Corresponding Role in OID
Collector (Dialer)	ClnCollectorDialer
Collector (Early - Prompt mode)	ClnCollectorErPmtMd
Collector (Early - List mode)	ClnCollectorErLstMd
Collector (Recovery)	ClnCollectorRecov
Supervisor (Collection)	ClnSupervisorCln
Supervisor (Recovery)	ClnSupervisorRecov
Manager (Collection)	ClnManagerCln
Manager (Recovery)	ClnManagerRecov
Collection Admin	ClnCollectionAdmin

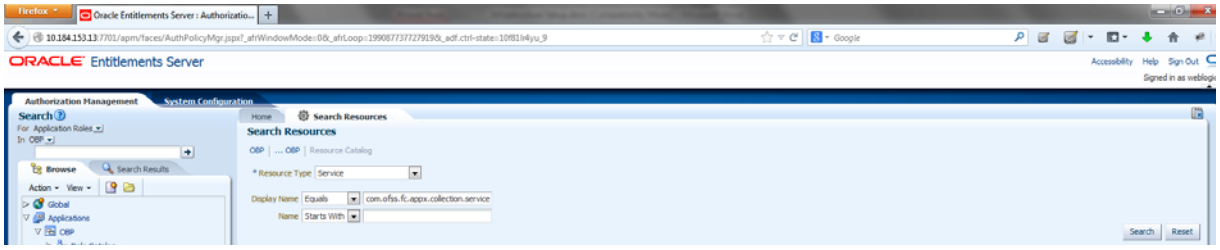
1. You can search the resource from APM domain and view the added attribute in the Service Searched screen.

Figure 2–9 Service Searched Screen



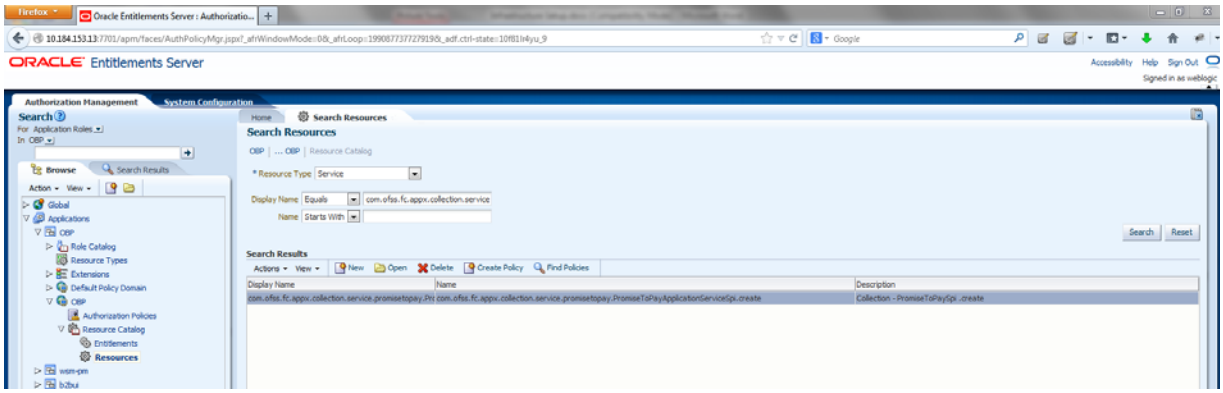
2. To search a service, select **Display Name** as **Equals** and **Value** as **com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicationServiceSpi.create**.

Figure 2–10 Searching a Service



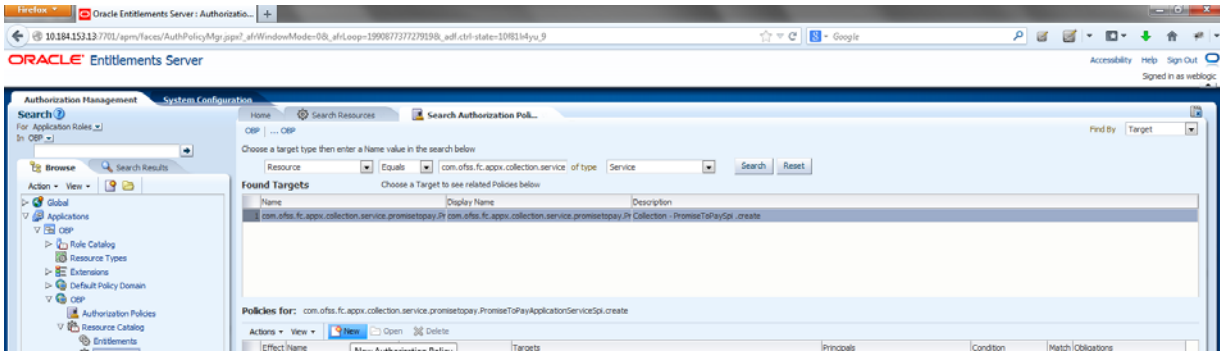
3. Click **Search**.
4. In the **Search Results** grid, click the returned value and then click **Find Policies**.

Figure 2–11 Search Resources - Find Policies



5. In the **Search Results** section, click **New**. A new tab named **Untitled** opens alongside Search Authorization Policies tab.

Figure 2–12 Search Authorization Policies



6. In the **Untitled** tab, specify the following values:

Table 2–6 Searching Policies - Search Authorization

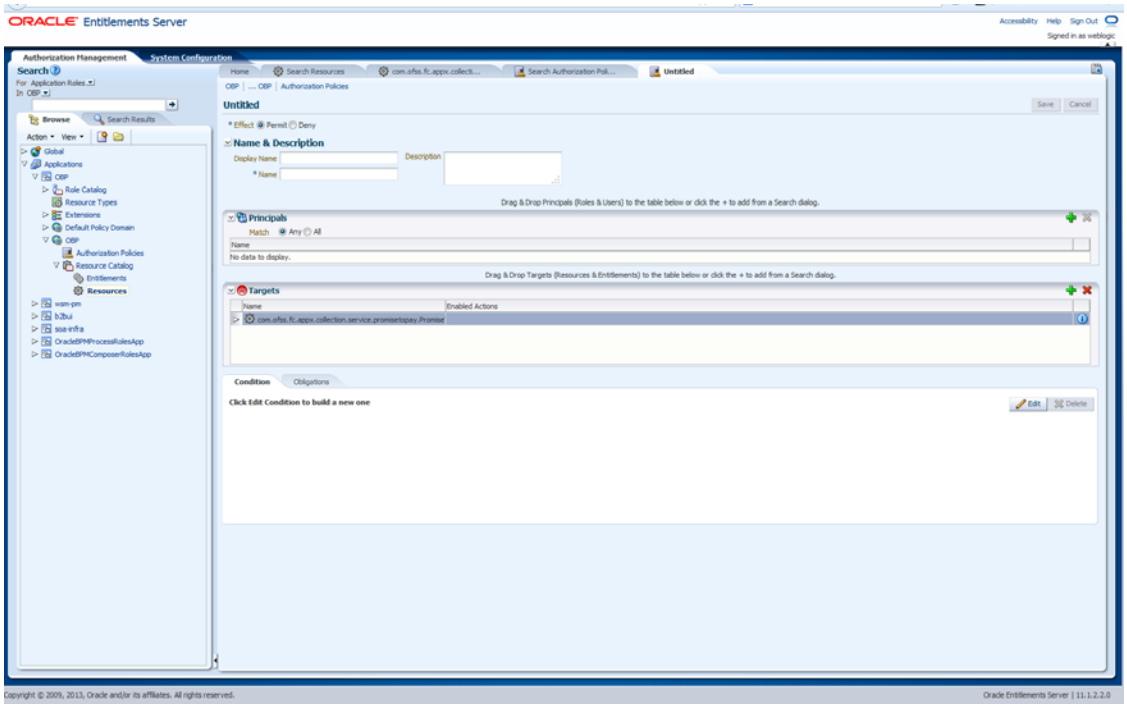
Field Name	Value
Effect	**Permit**
Display Name	**<The_application_role_for_whom_grant_is_given_all_caps>_<application_name>**_APPX_COLLECTION_SERVICE_PROMISETOPAY_PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORMWITHOUTAPPROVALS_PL
Name	**<The_application_role_for_whom_grant_is_given_all_caps>_<application_name>**_APPX_COLLECTION_SERVICE_PROMISETOPAY_PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORMWITHOUTAPPROVALS_PL
Description	**<The_application_role_for_whom_grant_is_given_all_caps>_<application_name>**_APPX_COLLECTION_SERVICE_PROMISETOPAY_PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORMWITHOUTAPPROVALS_PL
Principals	Match - **All**

For example,

LNCOLLECTORDIALER_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_
PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORMWITHOUTAPPROVALS_PL

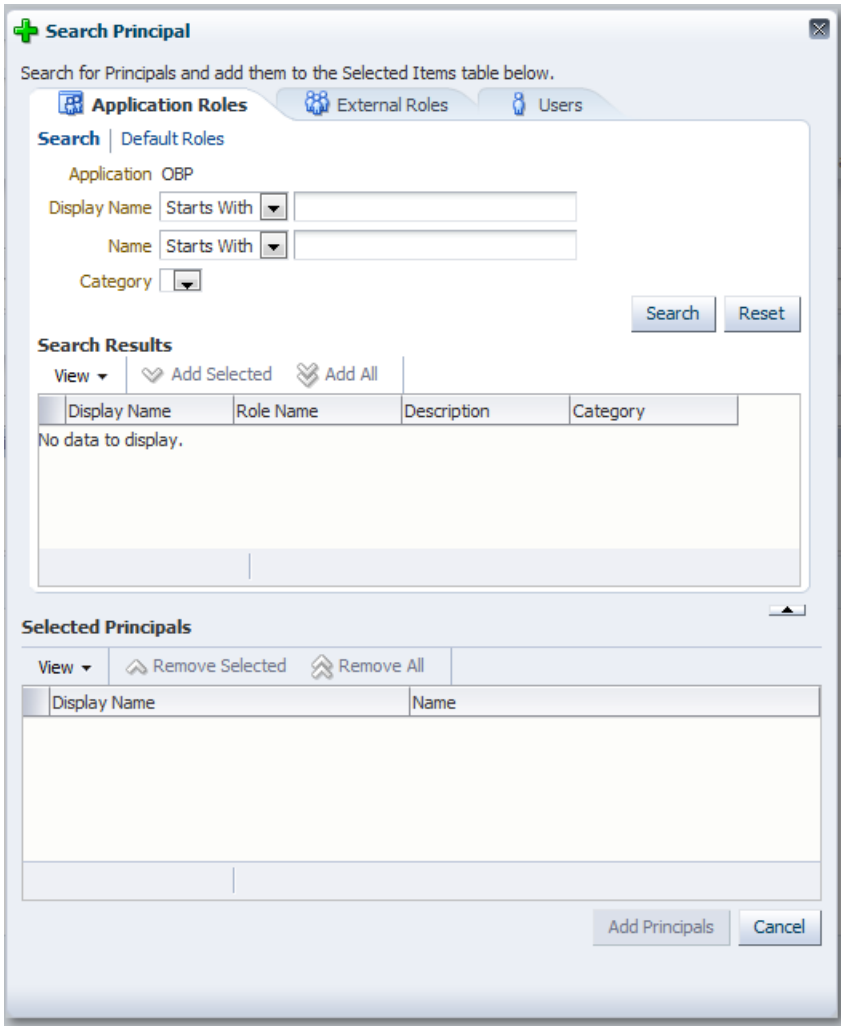
a. In the **Principals** section, click the **Add Principals** icon. The **Search Principal** window appears.

Figure 2–13 Search Principal



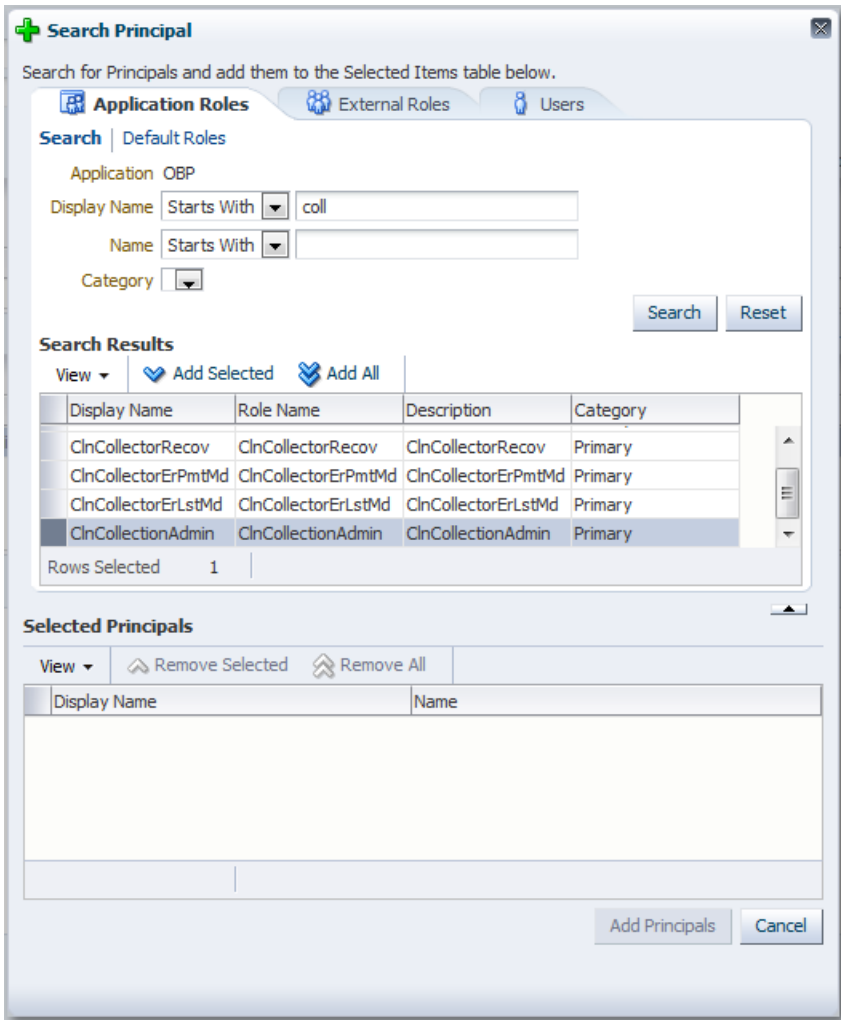
b. In the **Search Principal** window, select Application Roles tab, and then search for the application role which is shipped with the product.

Figure 2–14 Search Principal - Application Roles



c. In the result grid, select **Authenticated** role and then click **Add Principals**.

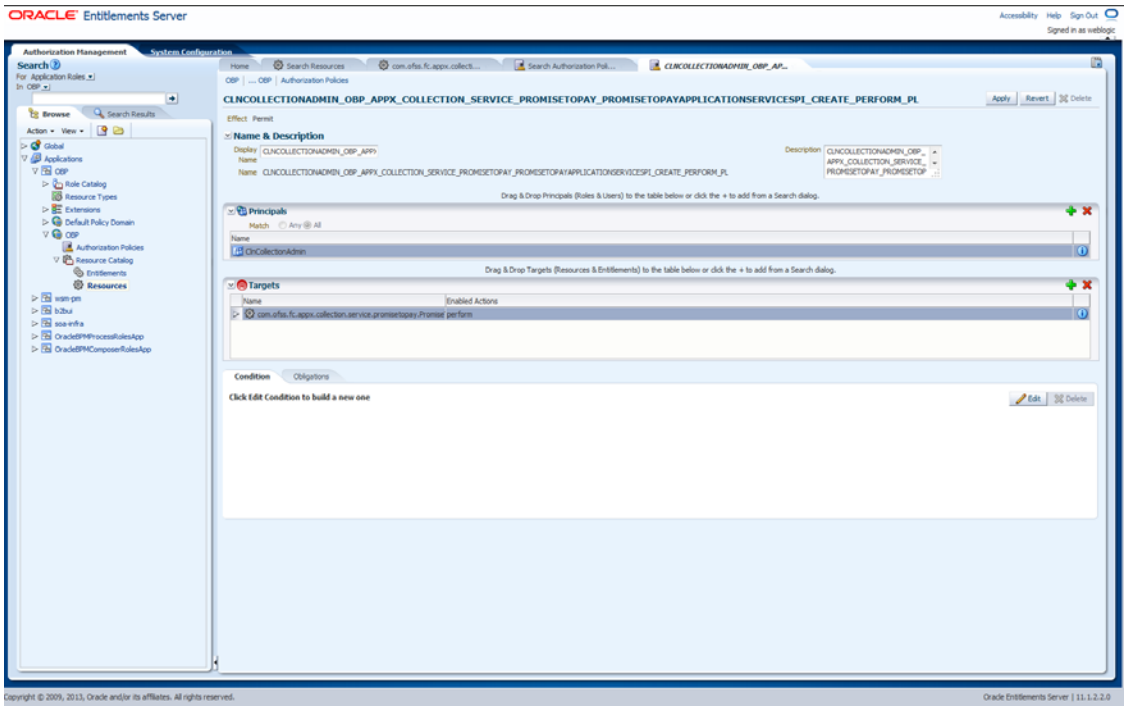
Figure 2–15 Search Principal



d. In the **Targets** section, click the **Add Targets** icon.

The **Search Target** window appears.

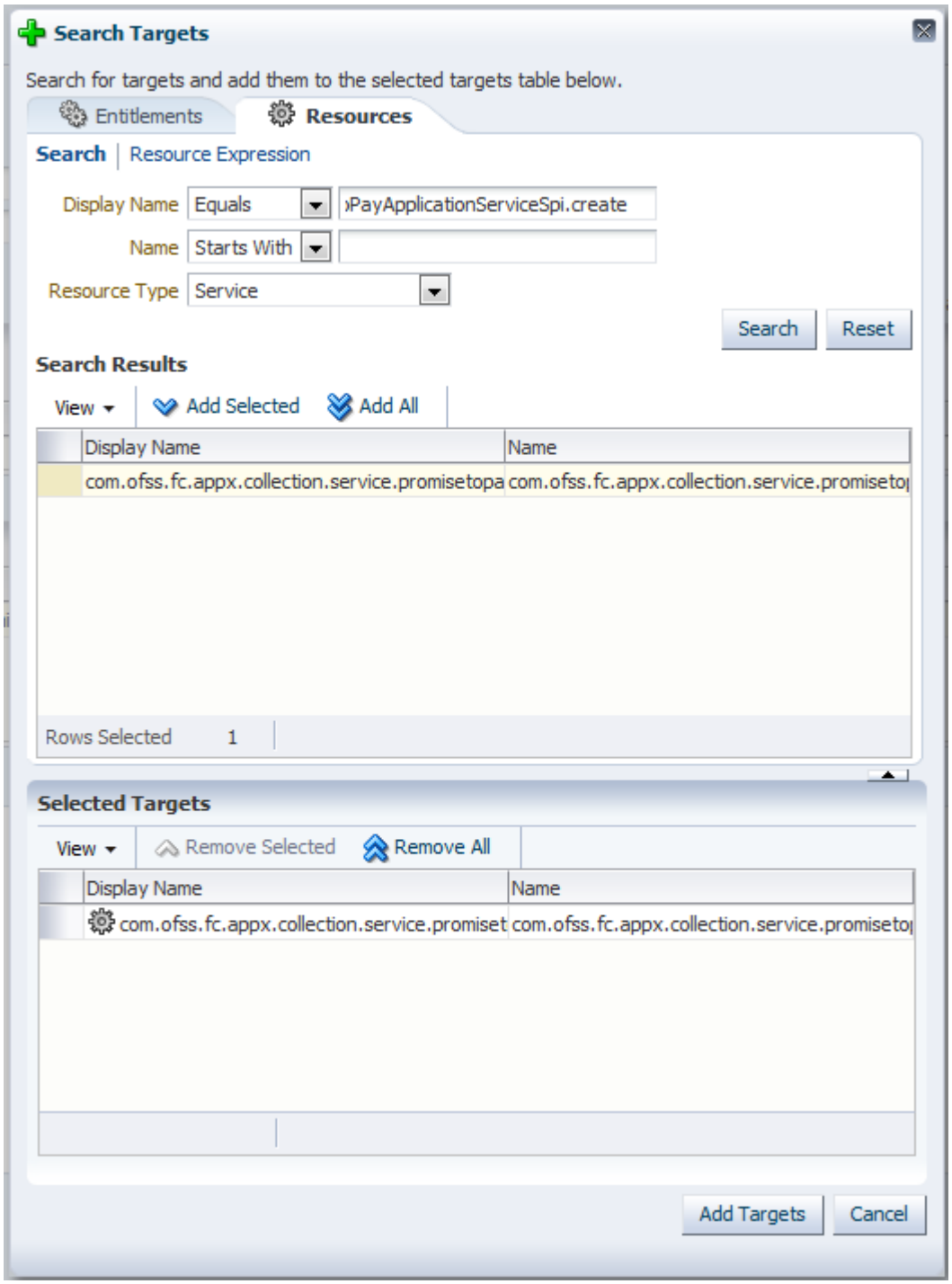
Figure 2–16 Search Targets



e. In the **Search Targets** window, select the same service for which the policy is configured.

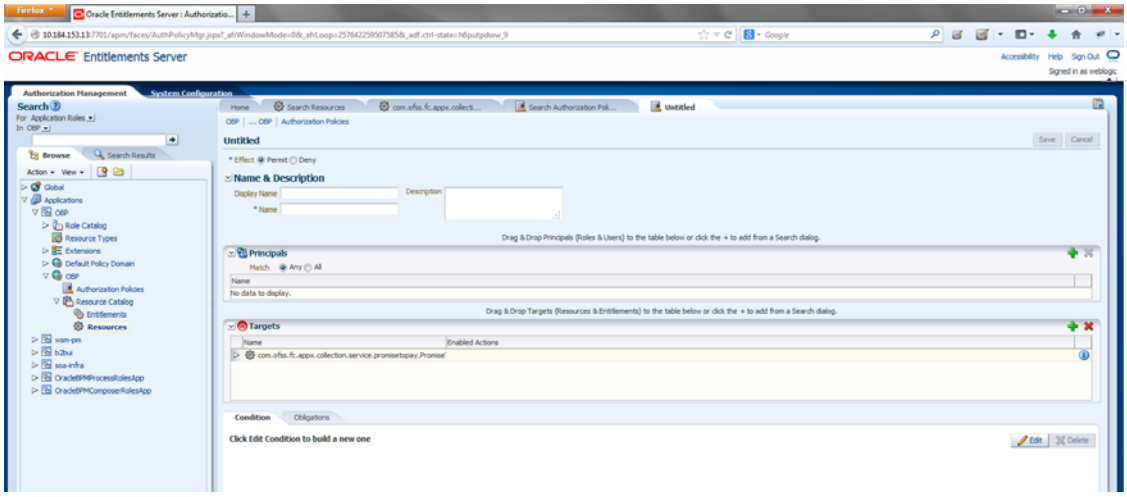
f. Click **Add Targets**.

Figure 2–17 Add Targets



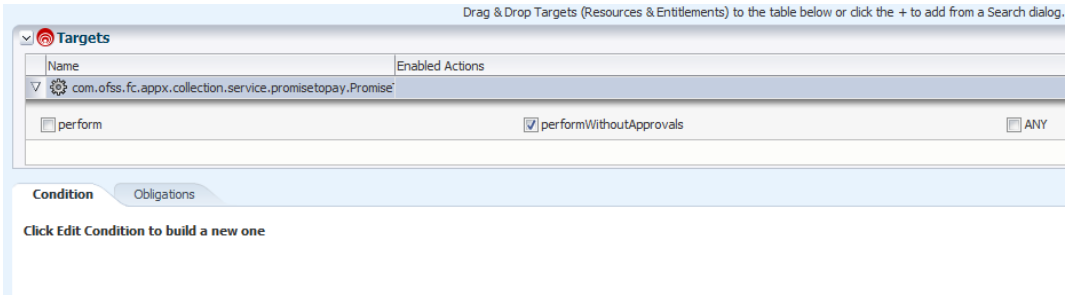
The searched target appears in the **Untitled** tab.

Figure 2–18 Target Appears



g. In the **Targets** section, click the **Expand** arrow for the selected target and select **performWithoutApprovals**.

Figure 2–19 Targets - performwithoutApprovals



h. Click **Edit Condition**.

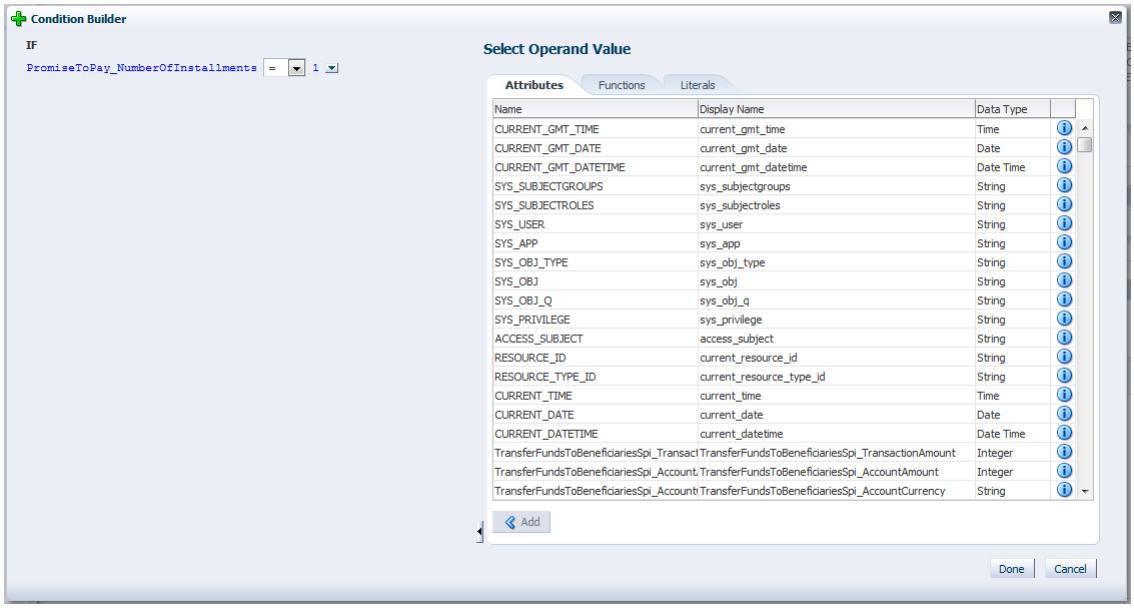
i. Select **PromiseToPay_DaysPastDue** attribute.

j. Click **Add**.

k. Select the condition.

l. Select the value for comparison.

Figure 2–20 Condition Builder



m. Click **Done**.

n. Click **Save**.

2.1.4 Giving Grant

The grants are configured as part of Day Zero Setup. Please verify whether the grants have been configured or not.

If the grants are not configured, you must provide grants to the application roles that are allowed to work on the PromiseToPayApplicationService. In addition, any new grants have to be configured manually through APM.

Two grants have to be provided. The first grant is for access (perform) and the second grant is for executing the OES rules (perform without approvals).

1. Follow the steps from Section 2.1.2, "Editing Conditions on Attribute" and Section 2.1.3, "Adding Policies to Resources" to step f - Click Add Targets.
2. In the **Untitled** tab, specify the following values:

Table 2–7 Searching Policies - Giving Grant

Field Name	Value
Effect	Permit
Display Name	AUTHENTICATEDROLE_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORM_PL
Name	AUTHENTICATEDROLE_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORM_PL
Description	AUTHENTICATEDROLE_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORM_PL

3. Click **Expand** in targets for the selected target.
4. Select **Perform**.

5. Click **Save**.

3

OBIEE Reports Setup

This chapter provides the process of setting up OBIEE reports. It involves installing Repository Creation Utility and Oracle Business Intelligence 11g.

3.1 Installing Repository Creation Utility (RCU)

This section explains the procedure for installing Repository Creation Utility (RCU).

Prerequisites

Following is the list of prerequisites installing RCU:

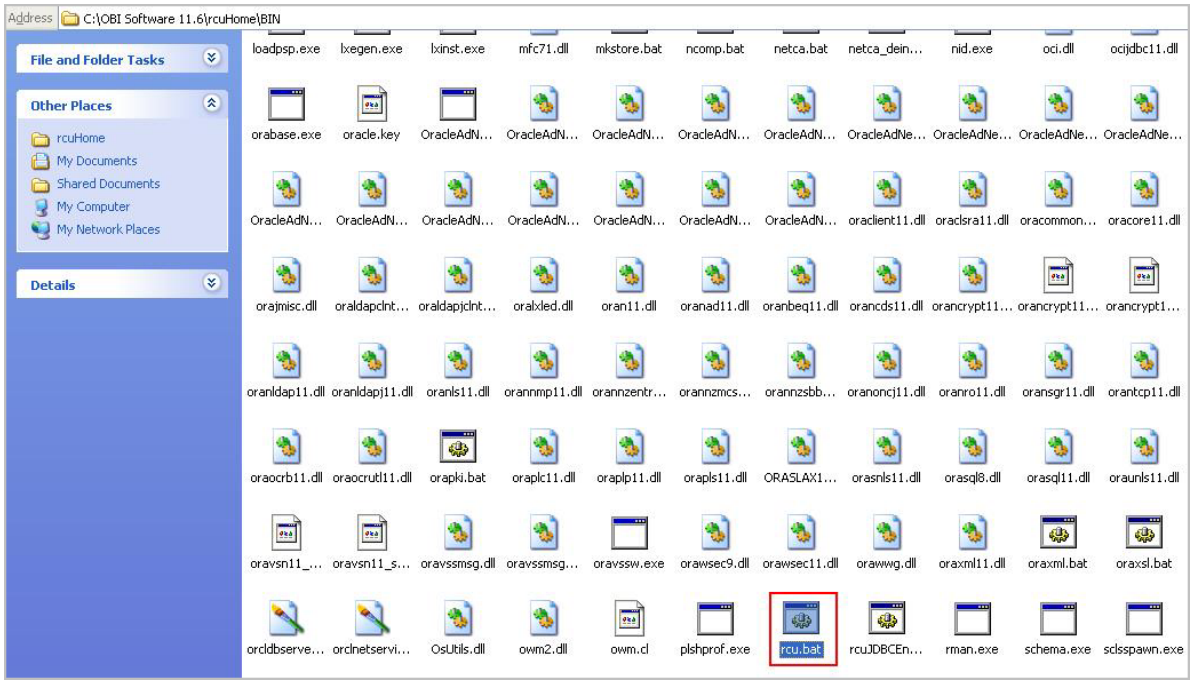
- Minimum of 4GB RAM is required. 3GB RAM may also work, but the system may become slow.
- Minimum of 10GB hard disk memory is required.
- Do not use any directory name with space while installing or working with Oracle DB and BI11g.

Installing RCU

Following are the steps to install RCU:

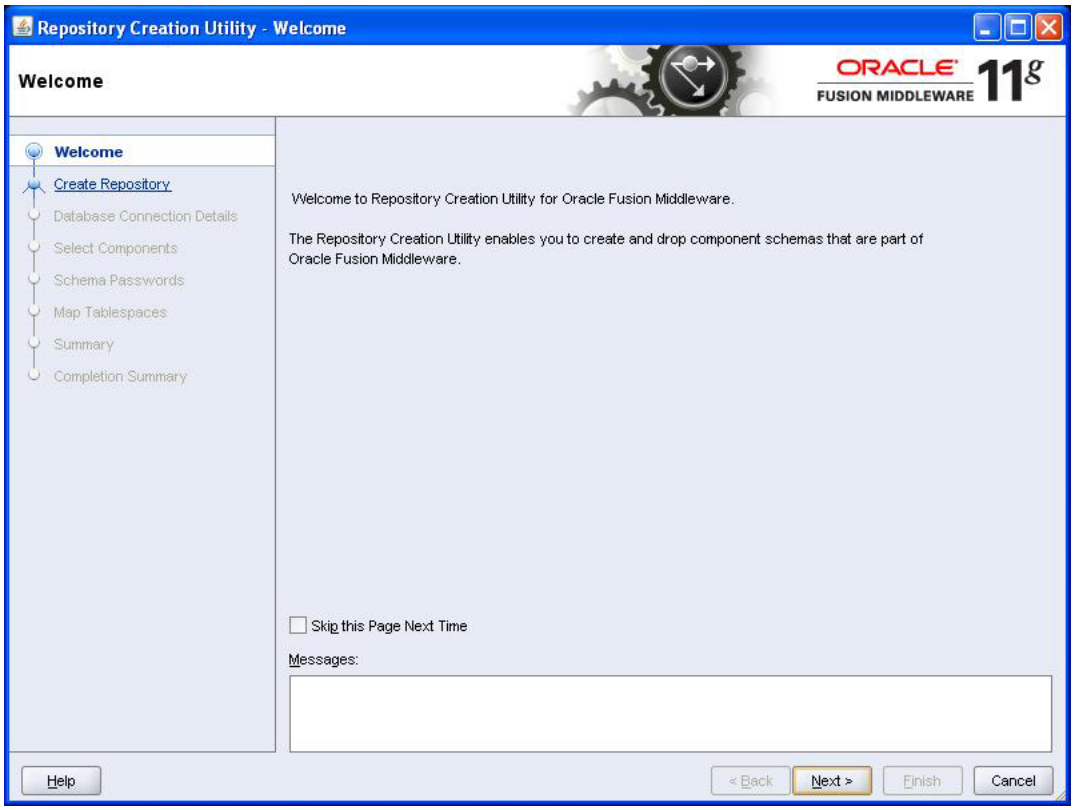
1. Download the RCU Installation files. Make sure all the zipped files are downloaded correctly and unzipped into a single folder.
2. From unzipped folder for RCU, run the **rcu.bat** file to start the utility. The rcu.bat file is located at rcuHome\BIN directory.

Figure 3–1 Run rcu.bat file



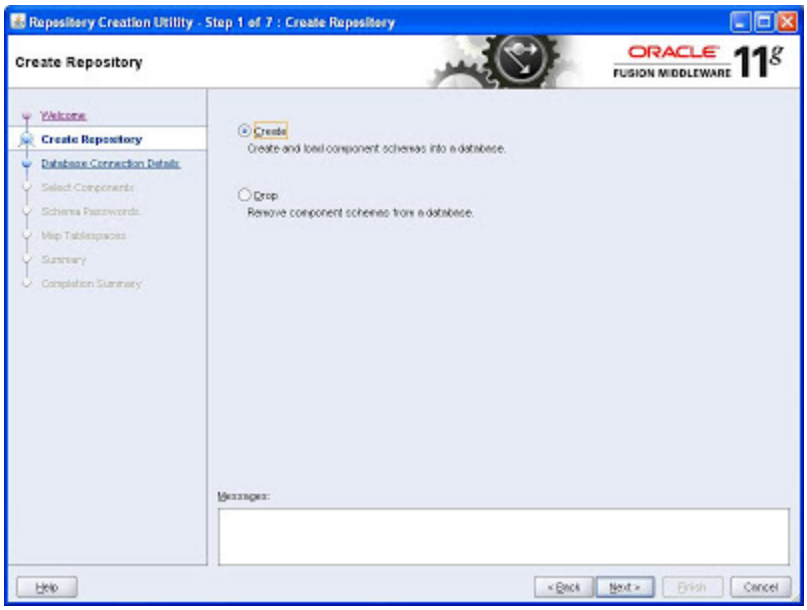
3. In the RCU Wizard Welcome page, click **Next**.

Figure 3–2 RCU Installation Wizard - Welcome page



4. In the Create Repository page, select the **Create** option and click **Next**.

Figure 3–3 Create Repository



5. In the Database Connection Details page, select the **Oracle Database** option from the **Database Type** list and enter the details.

   For example:

   Host Name: localhost

   Port: 1521

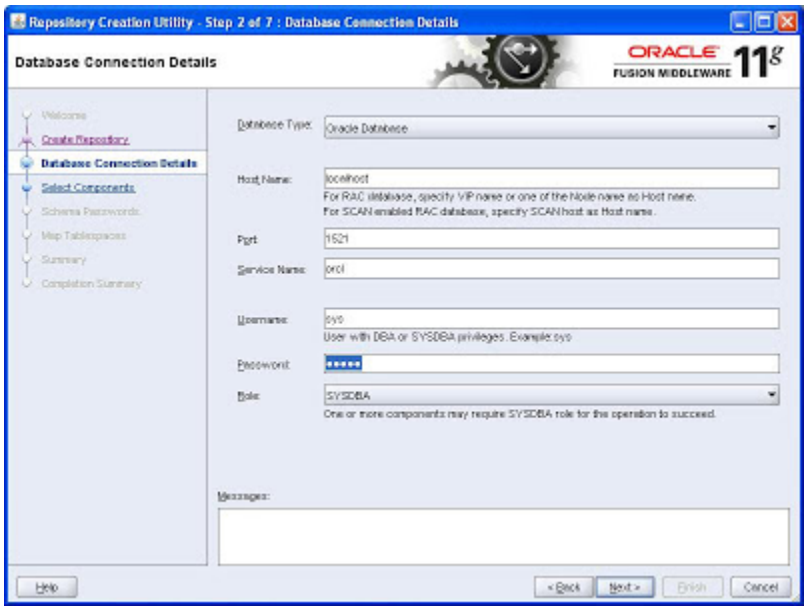
   Service Name: ORCL

   Username: sys

   Role: sysdba

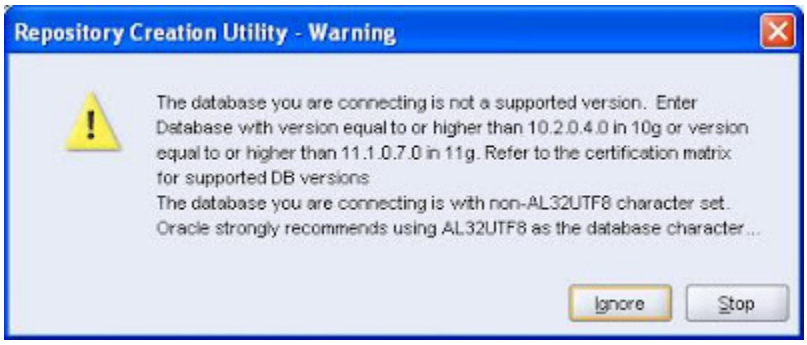
   Password: MyPassword123

Figure 3–4 Database Connection Details



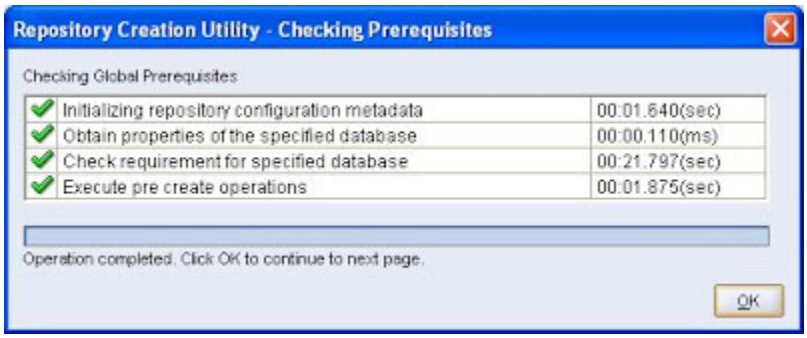
6. If a warning message appears for using the Oracle database, click **Ignore** and continue with the installation.

Figure 3–5 Warning message



7. Click **OK** after RCU validates and initializes database configuration.

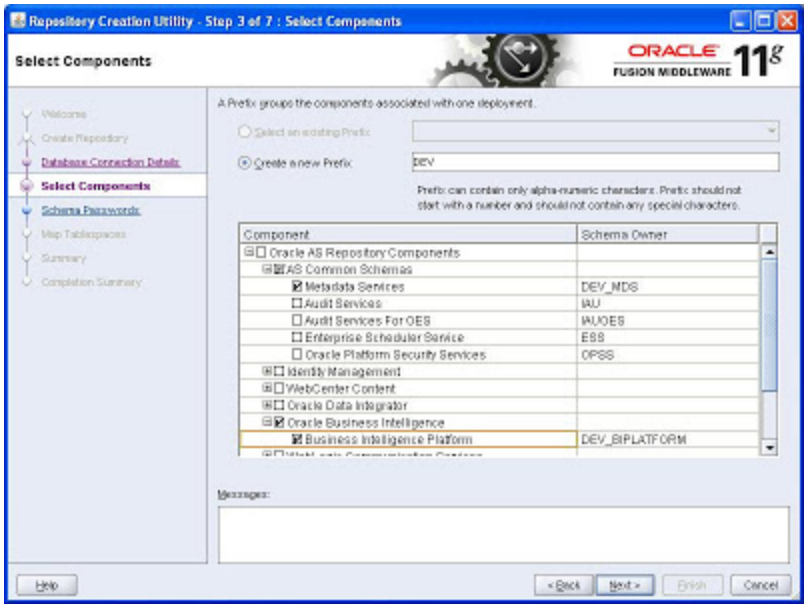
Figure 3–6 Checking Global Prerequisites



8. In the Select Components page, set the prefix to create the metadata schema in the **Create a new Prefix** field.

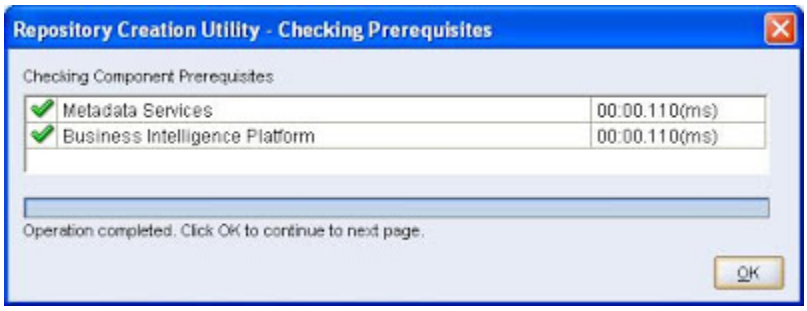
   By default, the DEV value appears as the prefix. You can change it as per your requirement.

Figure 3–7 Select Components



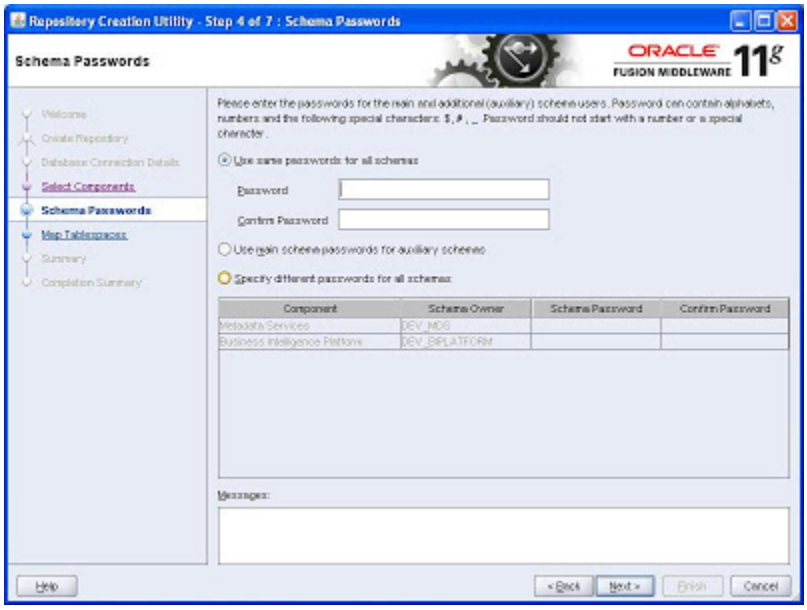
9. Select the appropriate schemas and click **Next**.
10. Click **OK** after the schema creation prerequisites check is completed.

Figure 3–8 Checking Component Prerequisites



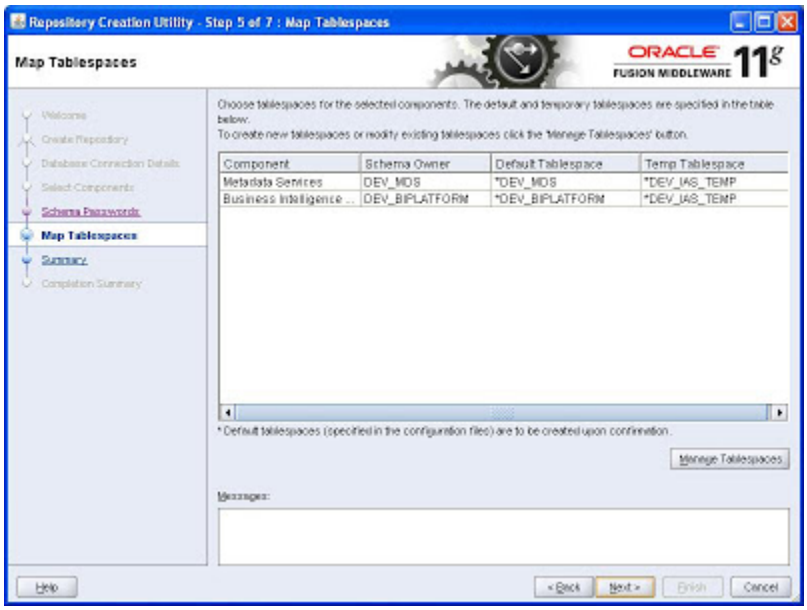
11. In the Schema Passwords page, enter the password for all schemas and click **Next**.

Figure 3–9 Schema Passwords



12. In the Map Tablespaces page, click **Next** to create tablespaces for the selected schemas.

Figure 3–10 Map Tablespace

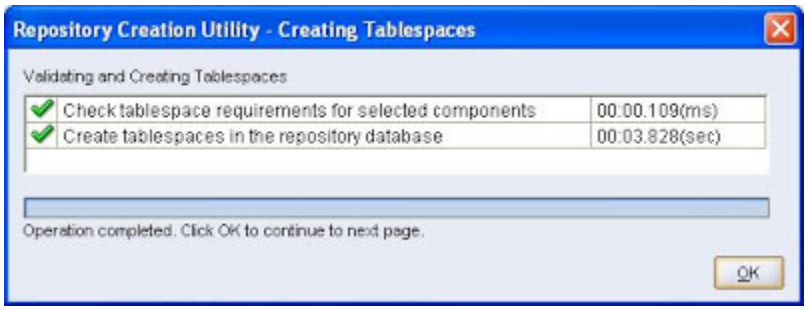


13. Click **OK** to confirm tablespace creation.

Figure 3–11 Confirmation message

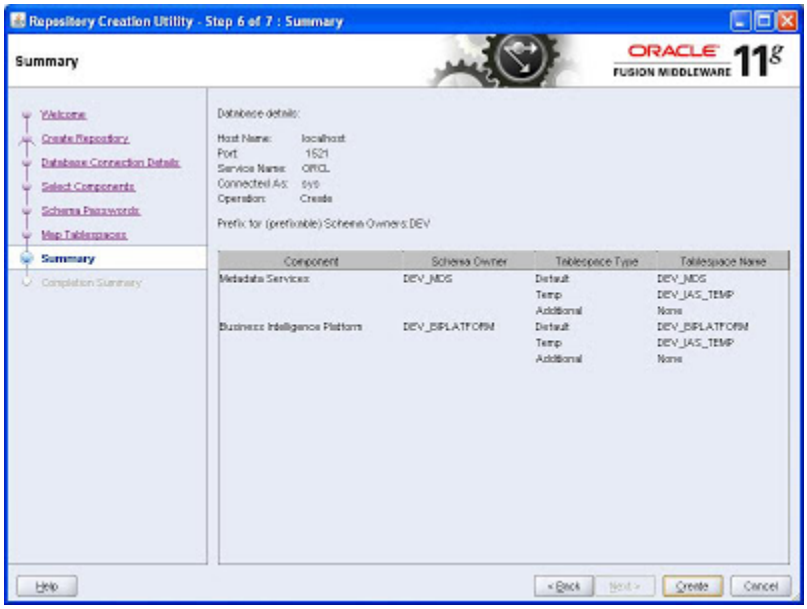
14. Click **OK** after the tablespace is validated and created.

Figure 3–12 Validating and Creating Tablespaces



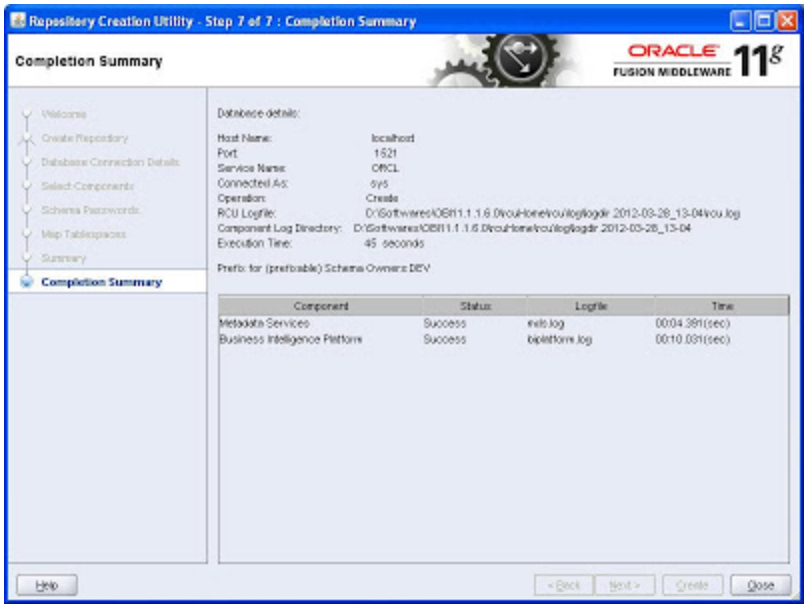
15. In the Summary page, click **Create**. RCU creates the required schema objects within the tablespaces.

Figure 3–13 Summary



16. In the Completion Summary page, click **Close**. The RCU installation process is complete.

Figure 3–14 Completion



3.2 Installing Oracle Business Intelligence 11g

This section explains the procedure for installing Oracle Business Intelligence 11g 11.1.1.7.0. BI 11g is standardized with Oracle fusion middleware and hence leverage database for metadata storage just like any other middleware product. The following steps explain the installation of BI11g metadata schema on Oracle database. Same process can be leveraged to install metadata schema on other supported databases as well.

Following are the steps to install OBIEE 11g:

1. Download the OBIEE 11g version from the following location.

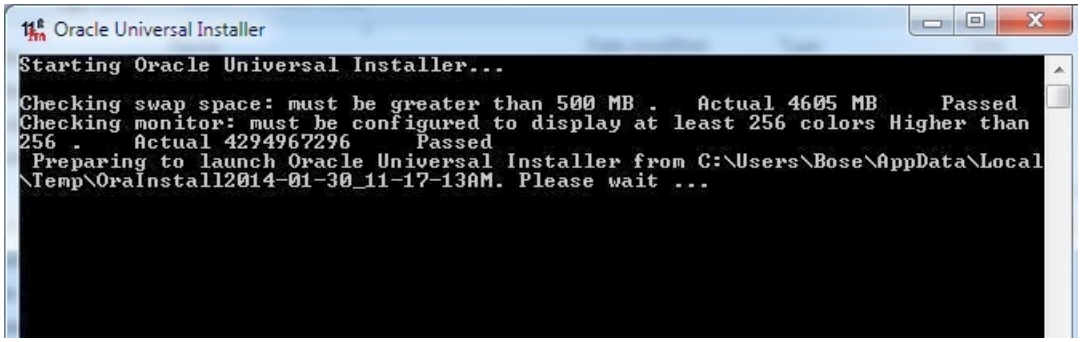
   http://edelivery.oracle.com/

2. Extract all the four disk into a single folder.

3. From Disk 1, click the **setup.exe** file.

   Oracle Universal Installer checks for the initial set up and system requirement.

Figure 3–15 Oracle Universal Installer

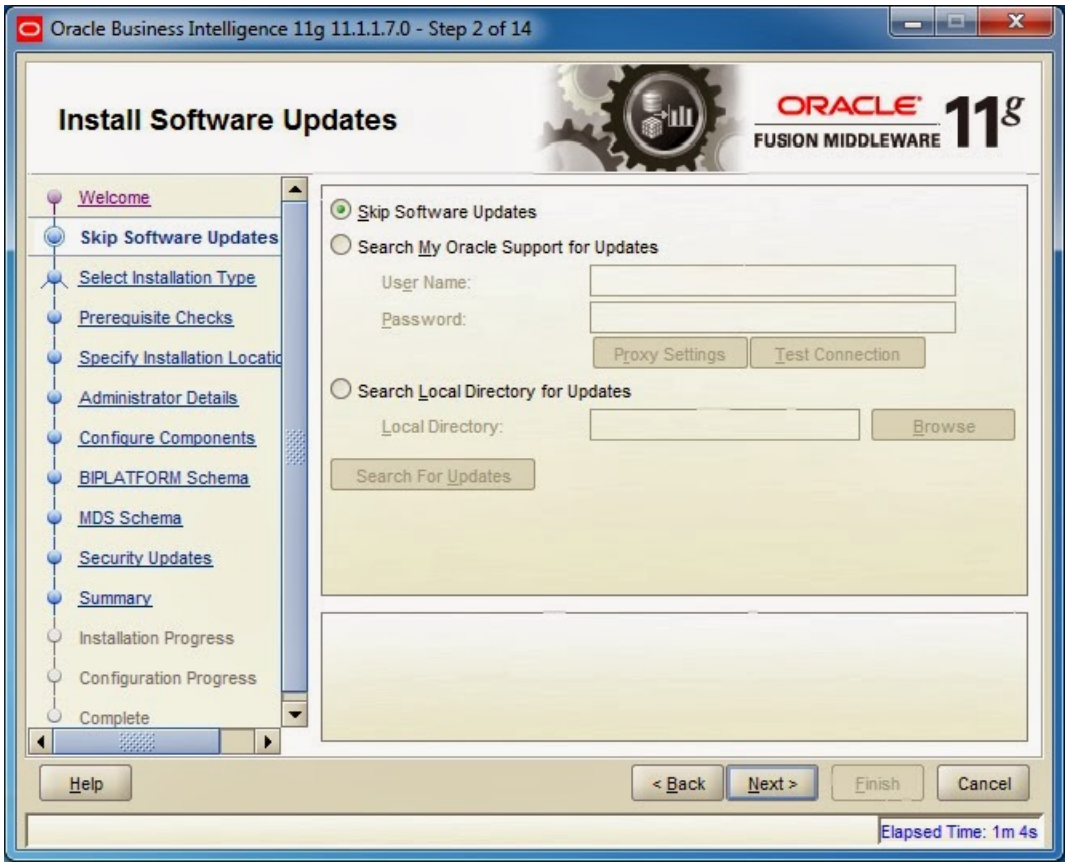


4. After successful checks, the OBIEE Installation wizard opens. Click **Next**.

Figure 3–16 OBI Installation Wizard - Welcome page

5. In the Install Software Updates page, do either of the following and then click **Next**:
   - If you have Oracle Support username and password, enter the credentials.
   - If not, select the **Skip Software Updates** option.

Figure 3–17 Install Software Updates

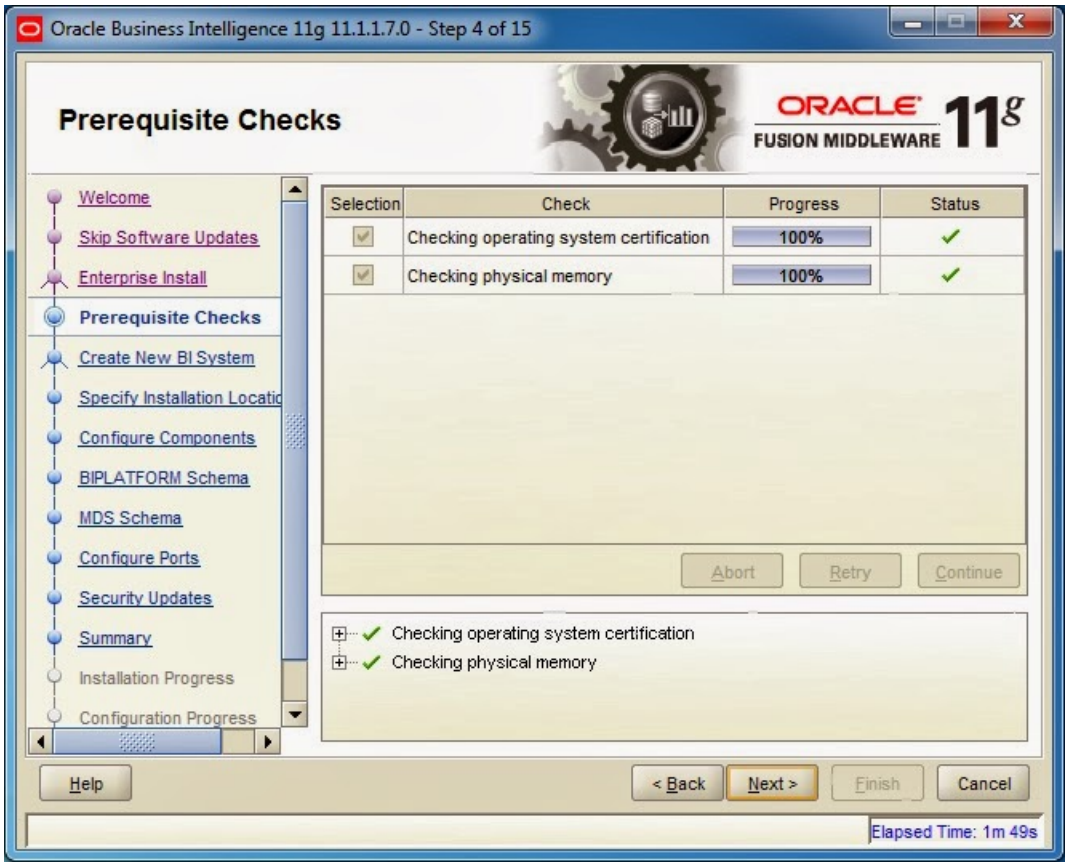


6. In the Select Installation Type page, select the appropriate installation type. To install all components of BI, select the **Enterprise Install** option. Click **Next**.

Figure 3–18 Select Installation Type

7. In the Prerequisite Checks page, click **Next** after the check for operating system certification and physical memory are completed.

Figure 3–19 Prerequisite Checks



8. In the Create or Scale Out BI System page, for a new installation, select the **Create New BI System** option.

Figure 3–20 Create or Scale Out BI System

9. Set the password for the weblogic user and click **Next**.

> **Note:** Remember this password as it is later used to access BI system, EM, and Console.

10. In the Specify Installation Location page, in the Oracle Middleware Home Location field, browse and select the actual folder where the BI 11g must be installed. Once the home location is selected, the other fields are automatically filled. Click **Next**.

Figure 3–21 Specify Installation Location

11. If a warning message appears, click **Yes**.

Figure 3–22 Warning message

12. In the Configure Components page, view the components that are going to be installed. By default, all the components are selected. You can deselect the components, if not required. Click **Next**.

Figure 3–23 Configure Components

13. In the BIPLATFORM Schema page, select the database where the RCU is installed from the **Database Type** list and enter the following details.

    For example:

    Database Type: Oracle Database

    Connect String: dbservername:portnumber:servicename

    BIPLATFORM Name: DEV_BIPLATFORM

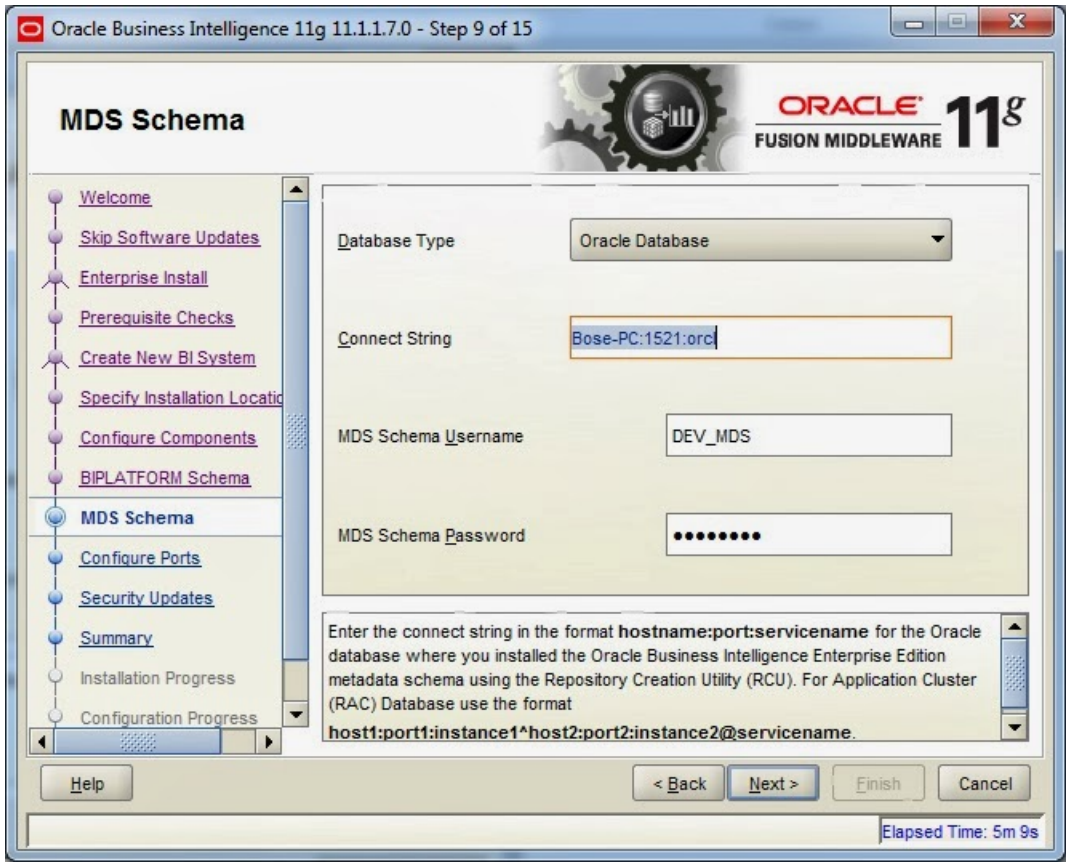
    BIPLATFORM Password: Admin123

    Note: The username and password are the same that were set during installation of RCU.

Figure 3–24 BIPLATFORM Schema

14. In the MDS Schema, select the database and enter the details as done in previous step. Here, the username will be DEV_MDS. Click **Next**.

Figure 3–25 MDS Schema



15. In the Configure Ports page, select the **Auto Port Configuration** option to install using default port numbers, as usually done for Oracle installations. Click **Next**.

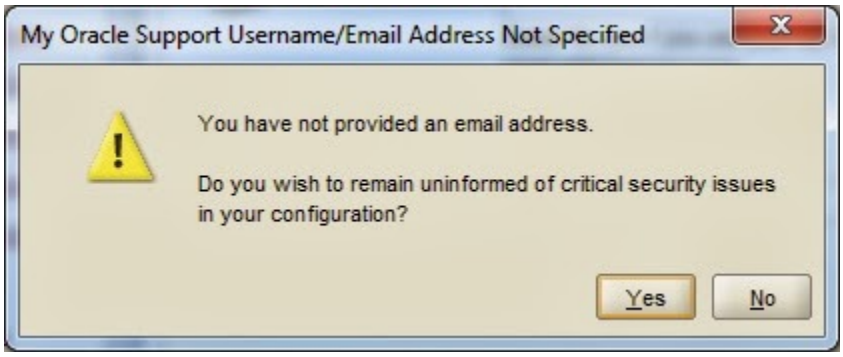
Figure 3–26 Configure Ports

16. In the Specify Security Updates page, do either of the following:
    - If you have Oracle Support email address, provide it to receive information about security issues and click **Next**.

Figure 3–27 Specify Security Updates

- If you do not wish to receive updates, deselect the check box, click **Next**, and click Yes in the warning message.

Figure 3–28 Warning message



17. In the Summary page, view the configuration and click **Next**.
18. In the Installation Progress page, view the progress bar till it shows 100% complete. Post installation script may take some time.

Figure 3–29 Installation Progress

19. After successful installation, in the Configuration Progress page, view the progress of the configuration till it shows 100%. Click **Next**.

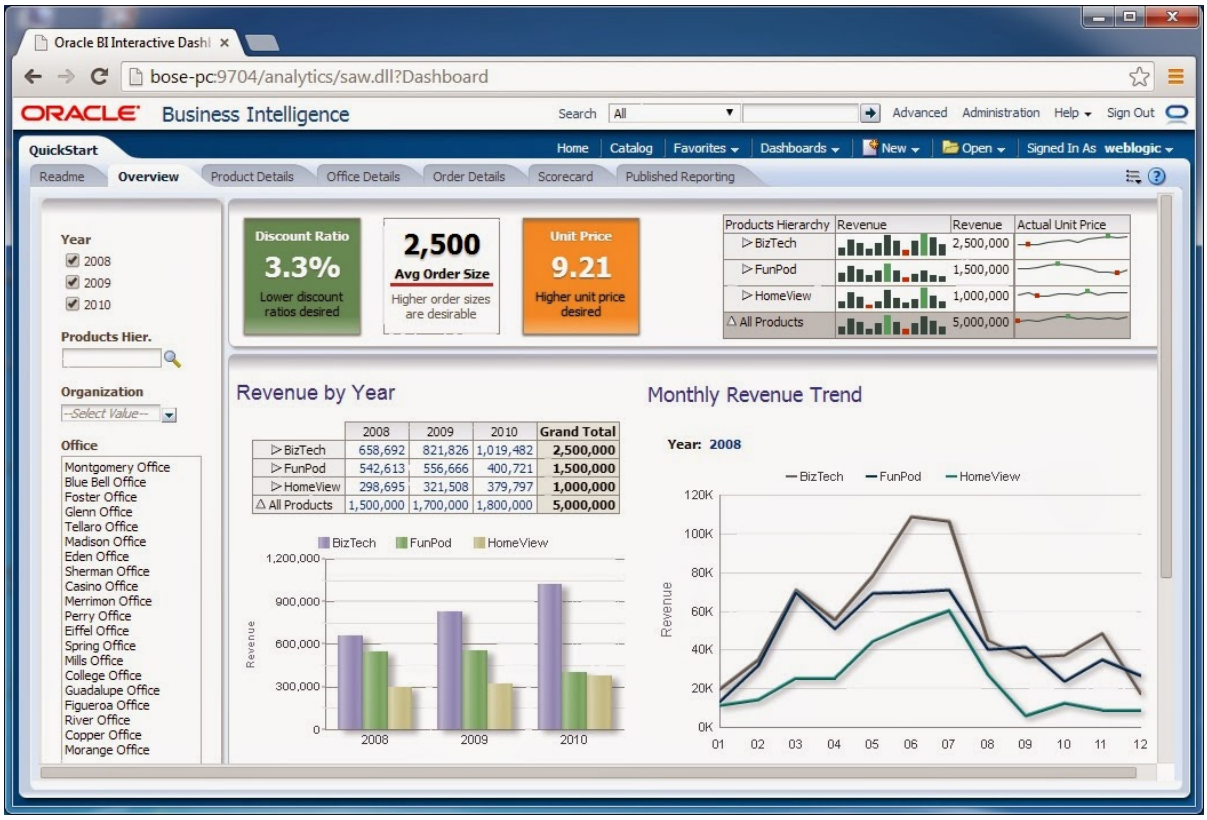
Figure 3–30 Installation Successful

20. In the Complete page, click **Save** to save the path details for middleware home, domain home, and others in a file for reference.

Figure 3–31 Complete BI Installation

21. Click **Finish** to complete the installation and configuration.
22. Browse through EM and console to play with BI.

Figure 3–32 OBI Interface



23. Save configuration.

    Configure Components: Configure the following components:

    - WebLogic Console: http: // IP-ADDRESS.in.oracle.com:7001/console
    - Oracle Enterprise Manager: http: // IP-ADDRESS.in.oracle.com:7001/em
    - Business Intelligence Enterprise Edition: http: // IP-ADDRESS.in.oracle.com:9704/analytics
    - Business Intelligence Publisher: http: // IP-ADDRESS.in.oracle.com:9704/xmlpserver
    - Real-Time Decisions: http: // IP-ADDRESS.in.oracle.com:9704/ui
    - Calculation Manager: http: // IP-ADDRESS.in.oracle.com:9704/workspace
    - Financial Reports: http: // IP-ADDRESS.in.oracle.com:9704/workspace
    - Workspace: http: // IP-ADDRESS.in.oracle.com:9704/workspace
    - Essbase Suite
    - APS: http: // IP-ADDRESS.in.oracle.com:9704/aps
    - Essbase Server
    - Essbase Studio: IP-ADDRESS.in.oracle.com
    - Essbase Administration Services: IP-ADDRESS.in.oracle.com:9704

3.3 Copying RPD and Reports

This section explains the steps to copy RPD and reports.

3.3.1 Reports Setup

This section explains the steps for Reports setup.

Step 1

Create a temporary directory (for example, TEMPDIR) on the OBI Server using the following command:

```
mkdir TEMPDIR
```

Step 2

Copy the OBP Collections 2.4 reports installation package, collection_reports.zip, which you have downloaded from the edelivery to TEMPDIR by using WINSCP.

Step 3

Uncompress the Collection_V24[Build_Number].zip file using the following command:

```
cd <PATH>/TEMPDIR

unzip collection_reports.zip
```

Where, <PATH> is the path where the TEMPDIR folder is located.

Step 4

Copy collectionreports folder and collectionreports.atr to the shared location by following commands:

```
cp -r collectionreports  ${middleware_home}/instances/${instace_
name}/bifoundation/OracleBIPresentationServicesComponent/coreapplication_
obips1/catalog/SampleAppLite/root/shared/


cp -r collectionreports.atr  ${middleware_home}/instances/${instace_
name}/bifoundation/OracleBIPresentationServicesComponent/coreapplication_
obips1/catalog/SampleAppLite/root/shared/
```

3.3.2 Day 0 Setup

This section explains the steps for Day 0 Setup.

Step 1

Take a backup of existing localedefinitions.xml by following command:

```
mv ${middleware_home}/ Oracle_
BI1/bifoundation/web/display/localedefinitions.xml ${middleware_home}/
Oracle_BI1/bifoundation/web/display/localedefinitions.xml_bk
```

Step 2

Take a backup of existing instanceconfig.xml by following command:

```
mv ${middleware_home}/ instances/${instance_name}/
config/OracleBIPresentationServicesComponent/coreapplication_
obips1/instanceconfig.xml ${middleware_home}/ instances/${instance_name}/
config/OracleBIPresentationServicesComponent/coreapplication_
obips1/instanceconfig.xml_bk
```

Step 3

Copy localedefinitions.xml and instanceconfig.xml to server by following commands:

```
cp Day0/ localedefinitions.xml ${middleware_home}/ Oracle_
BI1/bifoundation/web/display/
```

```
cp Day0/ instanceconfig.xml ${middleware_home}/ instances/${instance_
name}/ config/OracleBIPresentationServicesComponent/coreapplication_
obips1/
```

3.3.3 RPD Deployment

This section explains the steps for RPD Deployment.

Step 1

Unzip collection_reports.zip folder from local Windows machine.

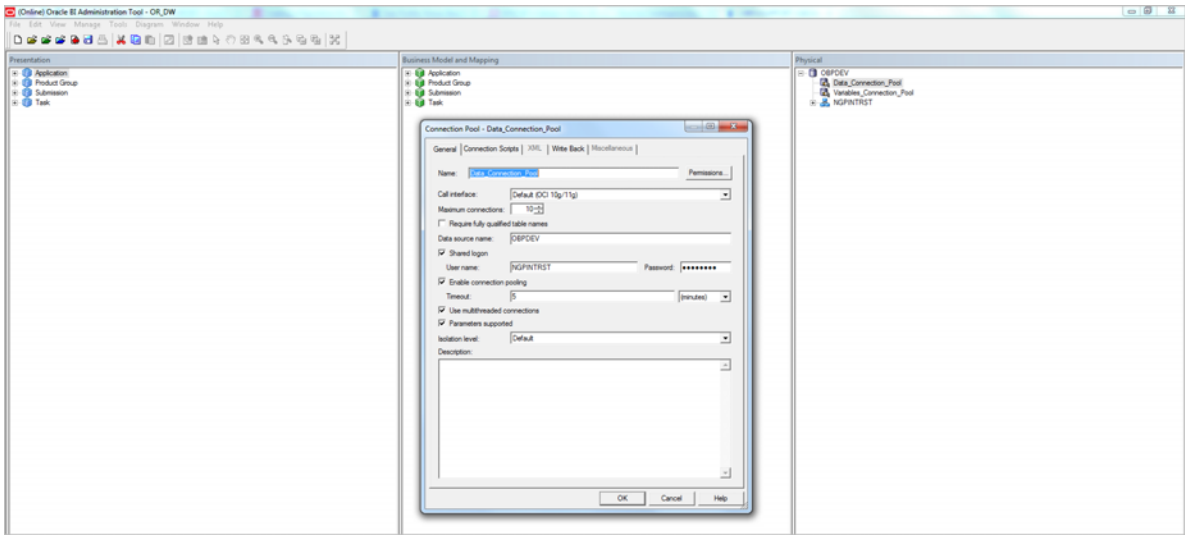
Step 2

Open RPD "CollectionMutipleFacts.rpd" present inside folder RPD using Oracle BI Admin Tool.

Step 3

Update the DB source name and the user credentials in the Connection Pool of the repository and set it to the Analytics DB.

Figure 3–33 Update source name and user credentials



Step 4

Add the analytics DB TNS entry.

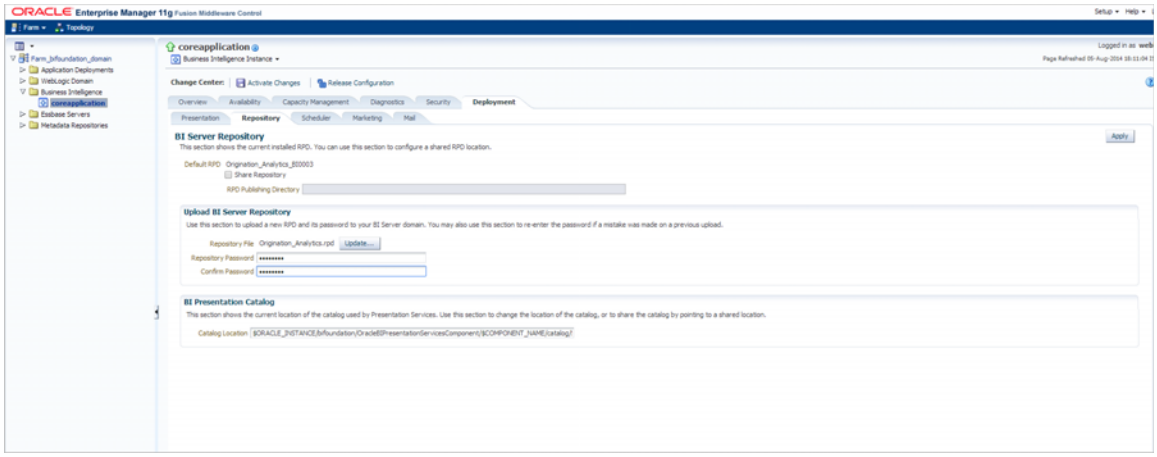
Add the TNS entry for the analytics DB in the tnsnames.ora file at location ORACLE_HOME/network/admin

Step 5

Upload the repository to the OBI server as follows:

1. Log in to the OBI server EM console.
2. Navigate to Business Intelligence -> coreapplication -> Deployment ->Repository tab.
3. Click **Release Configuration**.
4. Click **Upload** and select the repository to be uploaded.
5. Enter the repository password.
6. Click **Apply**.
7. Restart the OBI server components.

Figure 3–34 Upload repository to OBI server



Step 6

Open **Oracle Enterprise Manager, Business Intelligence Enterprise Edition** only on Mozilla browser.