Oracle FLEXCUBE OBIEE Reports
Oracle FLEXCUBE
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FINANCIAL SERVICES

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1.   FLEXCUBE OBIEE Reports Setting

1.1   Introduction

This document covers the setting required to launch OBIEE reports from within Flexcube.The various topics covered are:

- Creation of User with Administrator Rights
- Steps to implement access restrictions to user
- Update the User Id in CSTB_PARAM
- Integration of OBIEE into Flexcube using IFrame
- Writeback XML Deployment
- Server file changes
- Creation and Maintenance of BPEL url.
- Disable Cache
- Restarting BI Components using EM Server

Note: If OBIEE is on SSL, valid SSL certificate is essential to invoke OBIEE screens from Oracle FLEXCUBE. If valid SSL certificate is not available, then the browser will show an error message when you try to invoke an OBIEE screen.

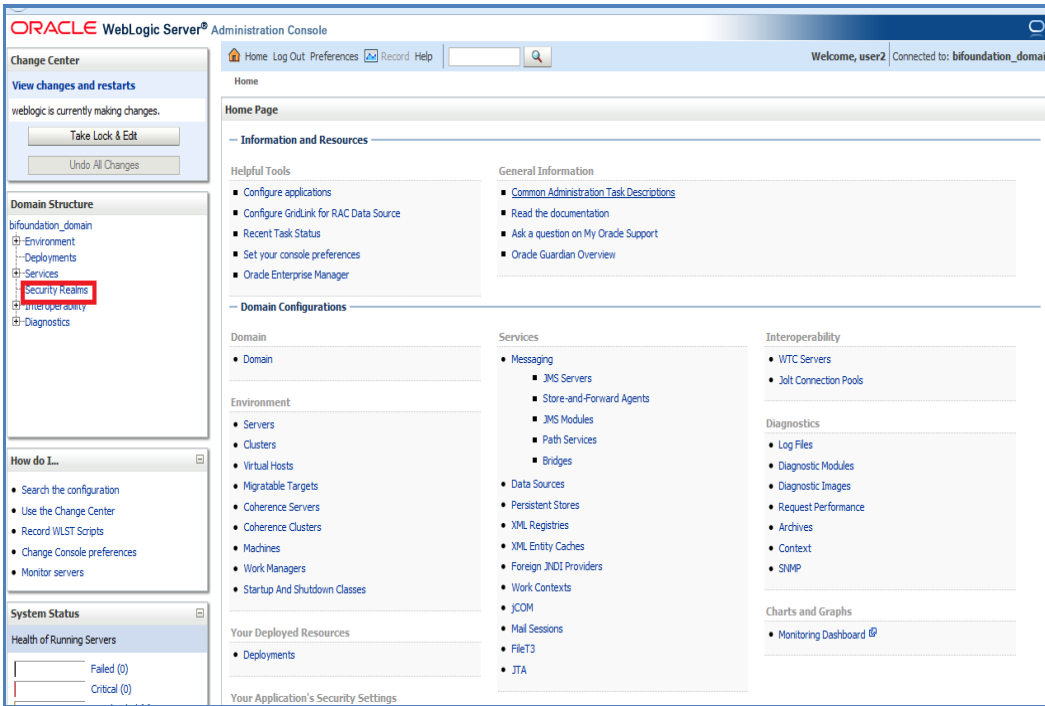## 1.2   Creation of User with Administrator Rights

1.2.1   Steps to create user

Create 'weblogic' user if it's not created already in the OBIEE instance you are using.
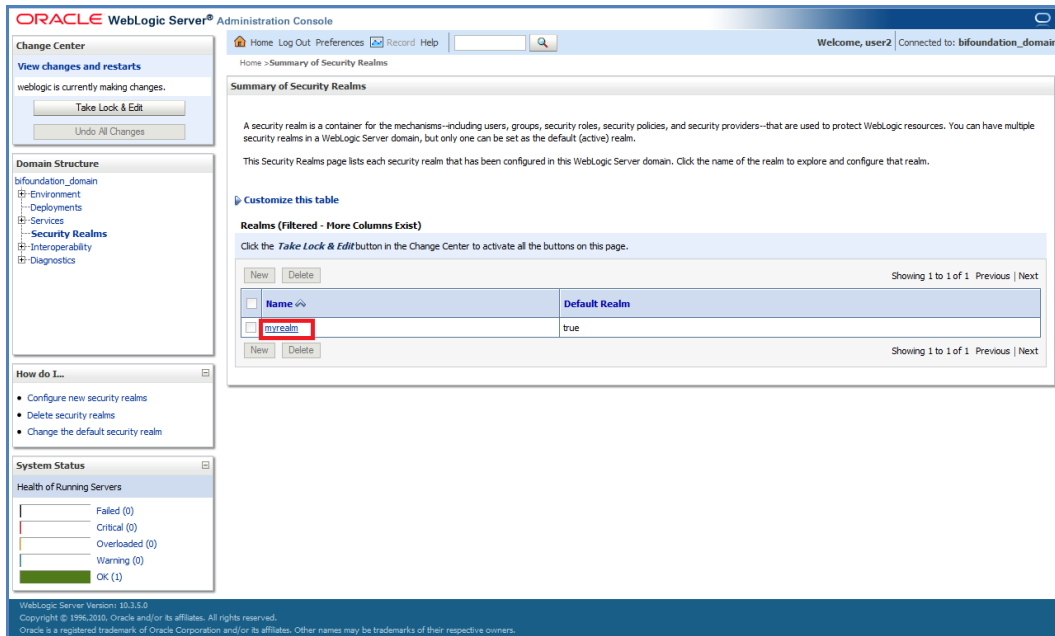
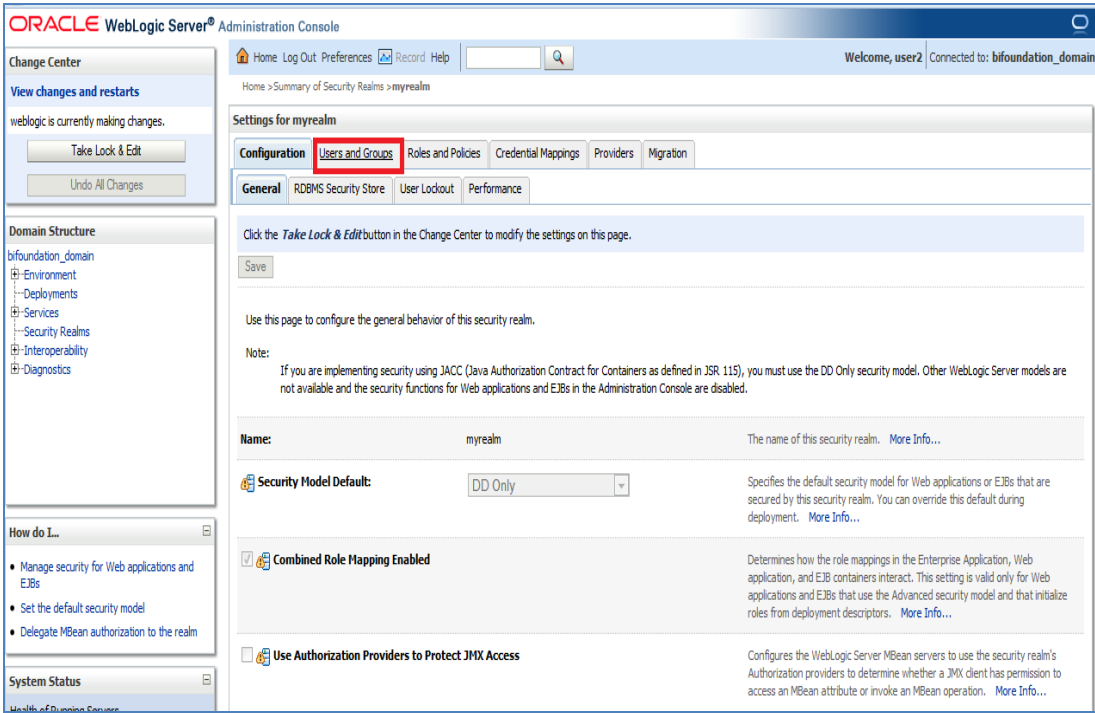1.   Login to OBIEE Admin console with admin credentials
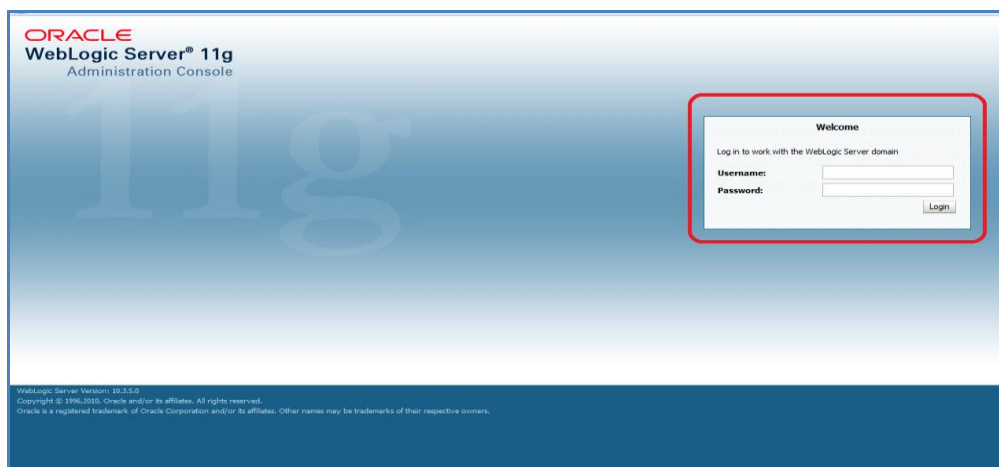
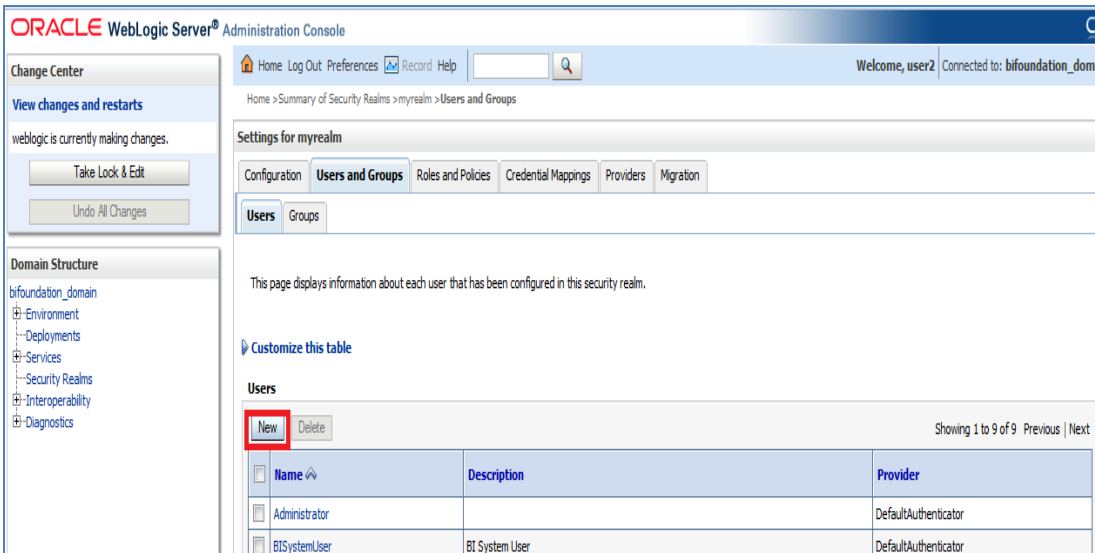2. Once logged in click on security realms in the page

3. Next click on my realms as shown below

4. Next click on user and groups tab

5. Click on New for creating new user

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6. Next enter Name as username and password and confirm password and next click on OK

7. Once you are done you will be redirected to users window.

8. Click on 'weblogic' user that you created to assign groups to that user
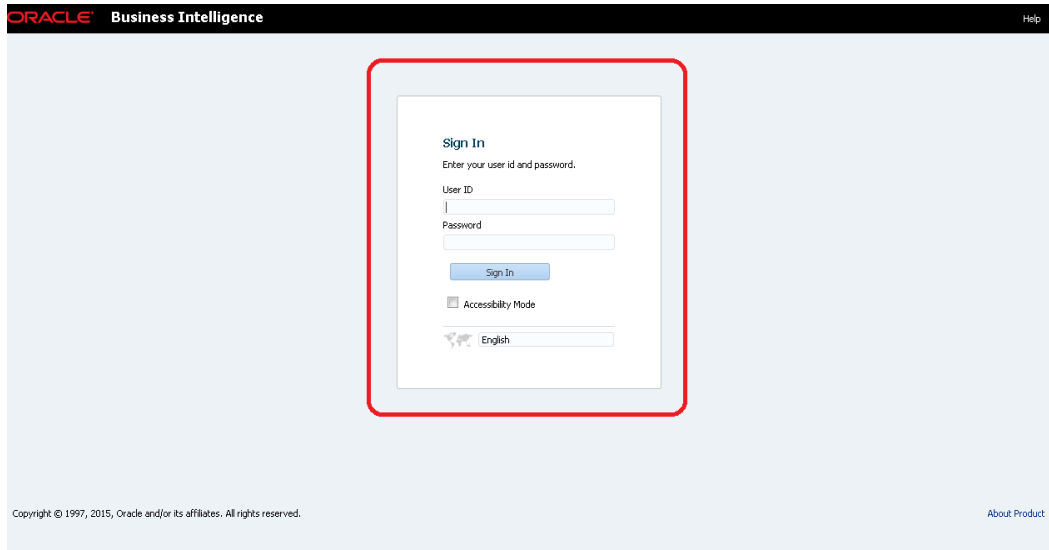
9. Next Click on Groups tab
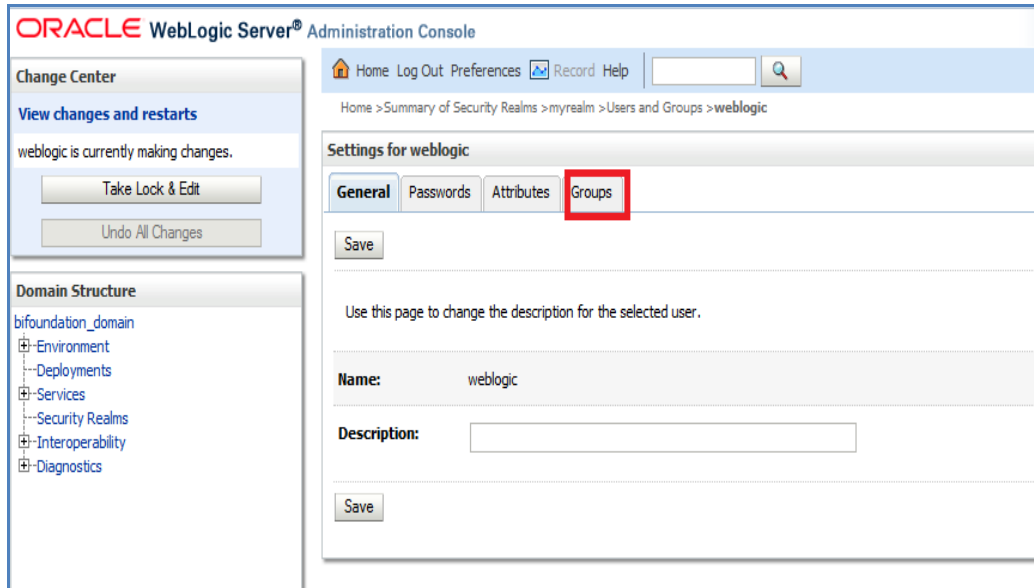
10. Assign the groups 'Administrators' and 'BIAdministrators' groups to **weblogic** user and click Save
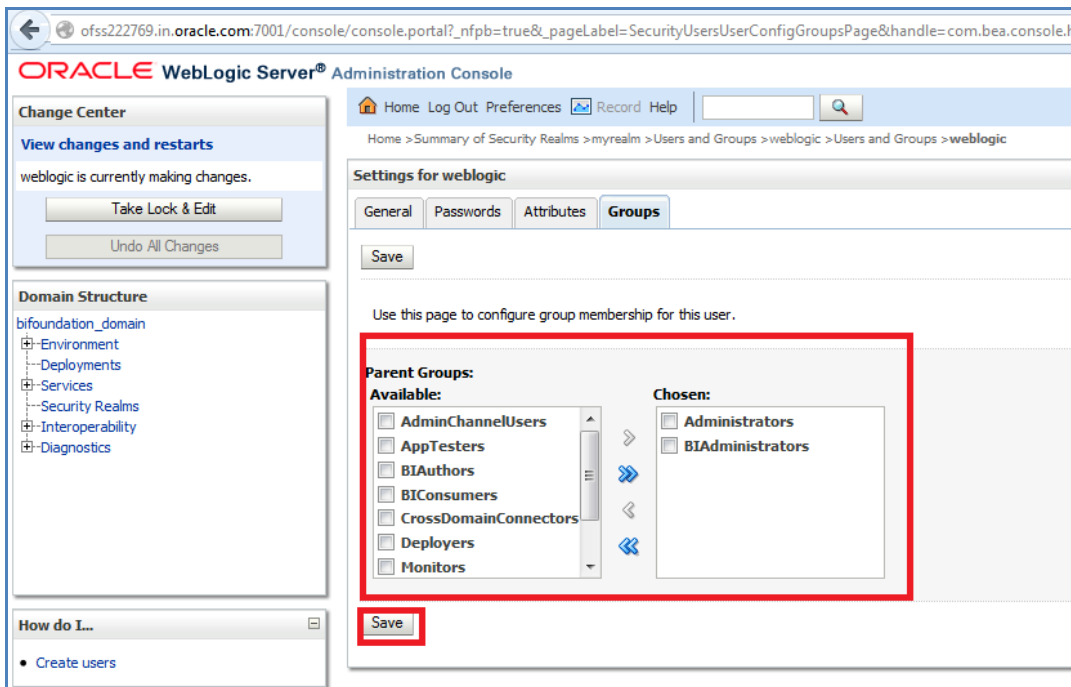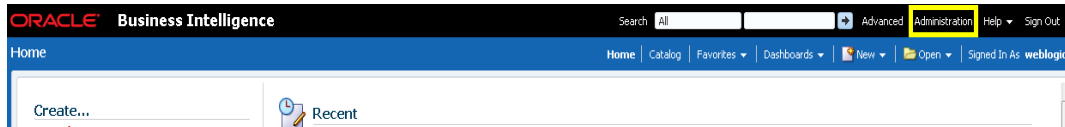

This completes user creation.

You can logout from here

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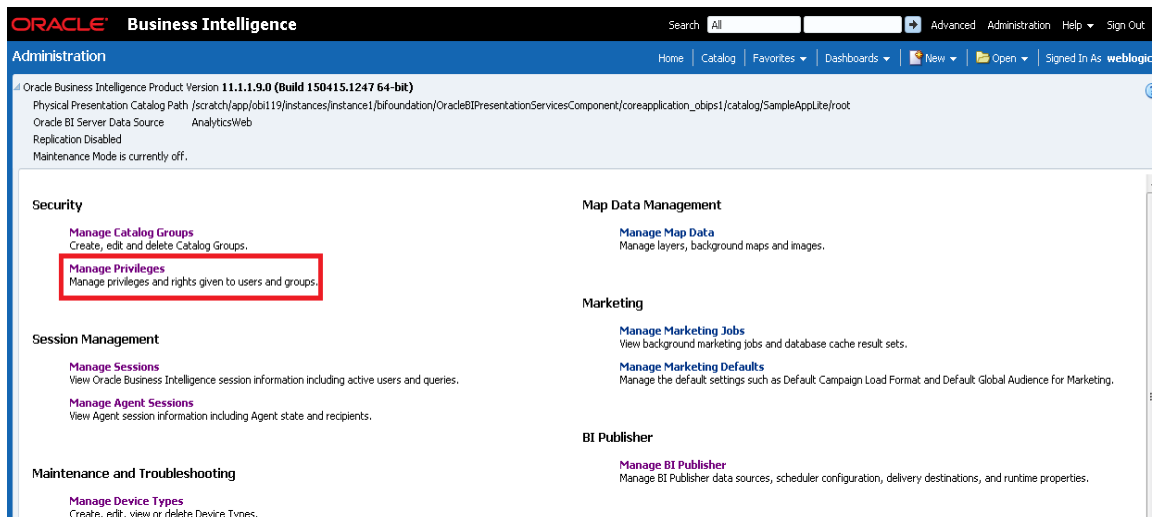## 1.3 Steps to implement access restrictions to user

1. Login to OBIEE analytics Url with admin user credentials

2. Once logged in click on Administration link

3. Click on Manage Privileges

4. Click on 'BI Consumer Role' link for 'Catalog Preview UI' access as shown here

5. Next click on '+' symbol

6. Select users from the dropdown shown and click on Search
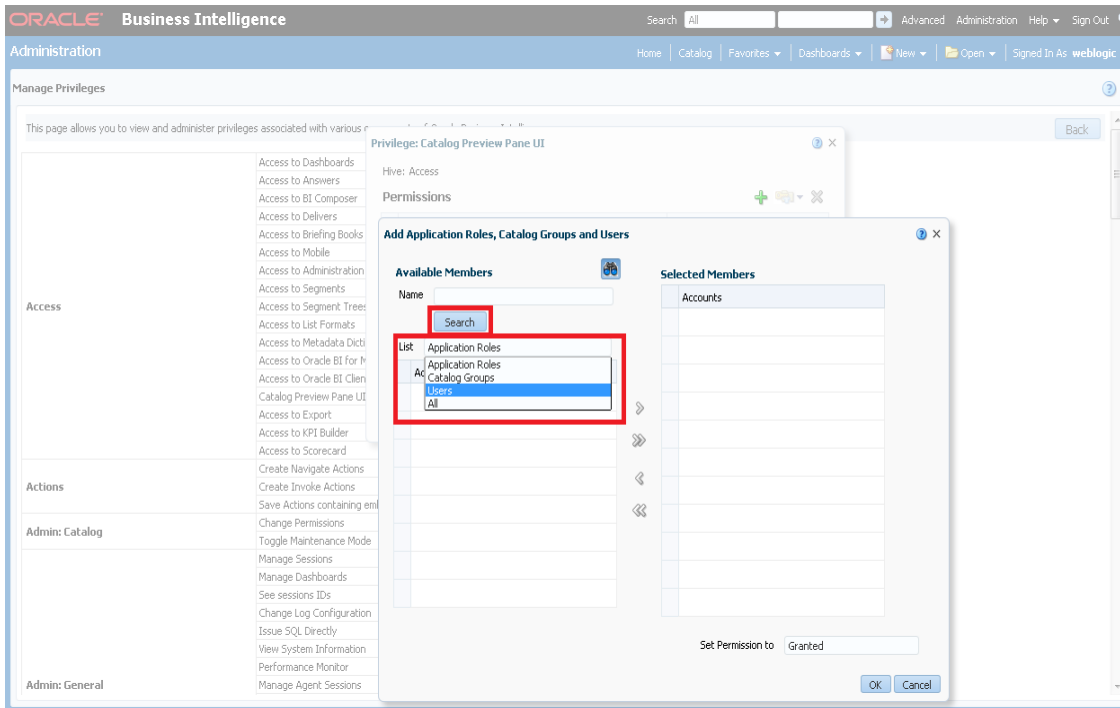
7. Select 'weblogic' user and click on the arrow to move to Selected Members
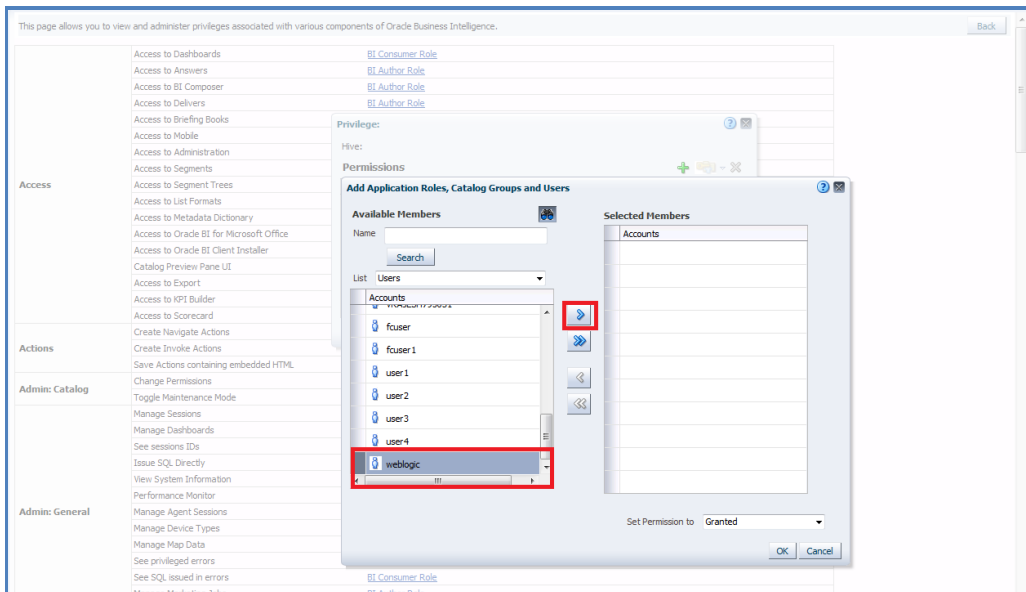
8. Now set the Permission to Denied and click Ok
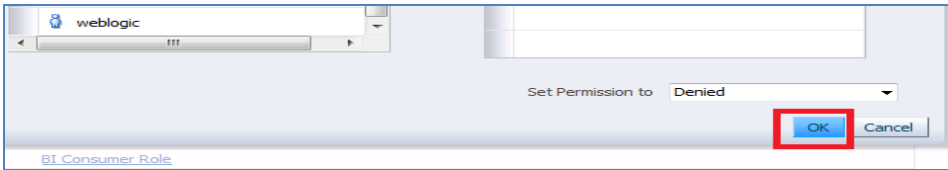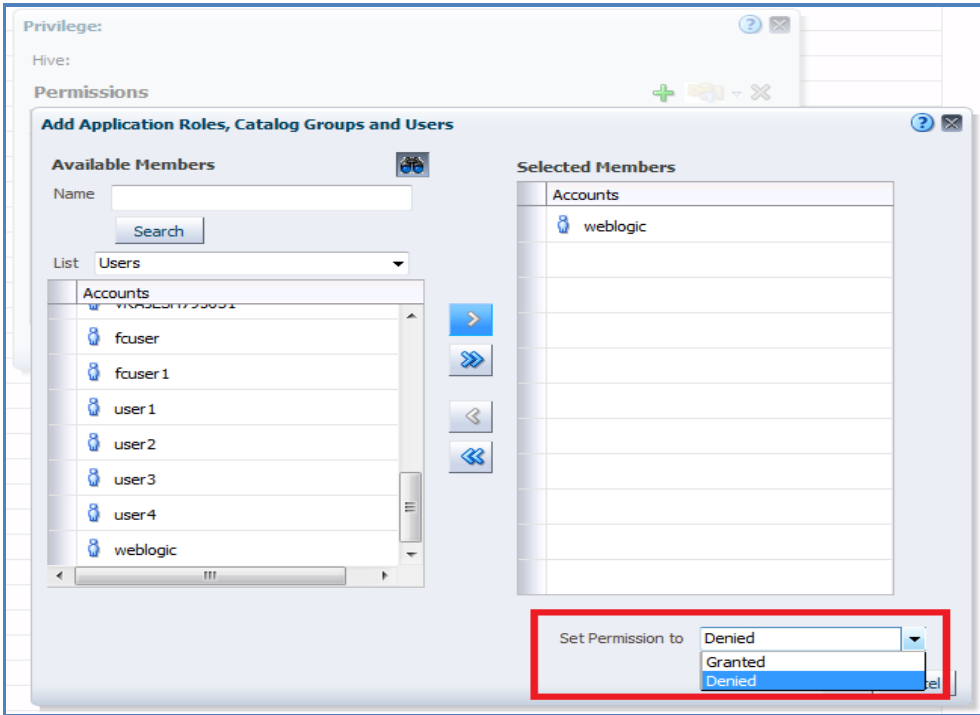
9. Again Press Ok
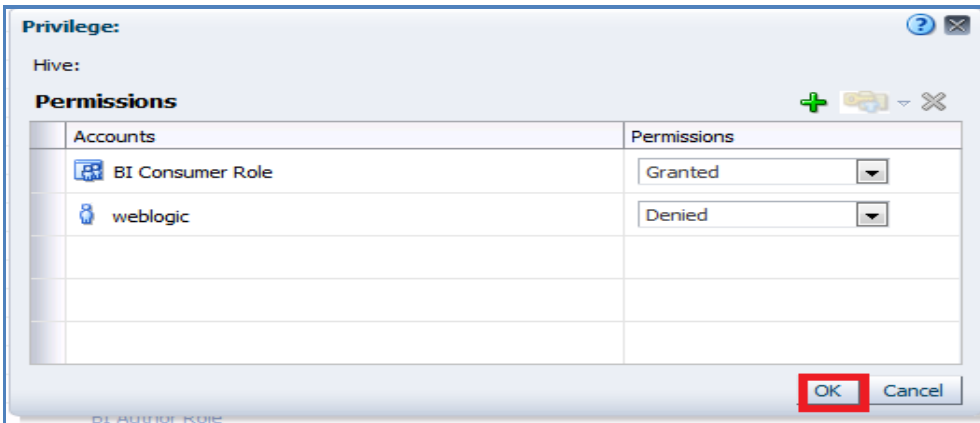
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10. Once done you will see that user is denied to the particular access as shown here

11. Similarly set user rights for 'weblogic' user for all the below marked access restrictions

12. To give access follow the same steps as above but select Granted in the Step: 8.

13. Similarly set user rights for 'weblogic' user for all the below marked Privileges

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	Save Filters	BI Author Role
	Execute Direct Database Analysis	BI Administrator Role, weblogic
Delivers	Create Agents	BI Author Role
	Publish Agents for Subscription	BI Author Role
	Deliver Agents to Specific or Dynamically Determined Users	BI Administrator Role
	Chain Agents	BI Author Role
	Modify Current Subscriptions for Agents	BI Administrator Role
Proxy	Act As Proxy	**Denied:** Authenticated User
RSS Feeds	Access to RSS Feeds	BI Consumer Role
Scorecard	Create/Edit Scorecards	BI Author Role
	View Scorecards	BI Consumer Role
	Create/Edit Objectives	BI Author Role
	Create/Edit Initiatives	BI Author Role
	Create Views	BI Author Role
	Create/Edit Causes And Effects Linkages	BI Author Role
	Create/Edit Perspectives	BI Author Role
	Add Annotations	BI Consumer Role
	Override Status	BI Consumer Role
	Create/Edit KPIs	BI Author Role
	Write Back to Database for KPI	BI Consumer Role, weblogic
	Add Scorecard Views To Dashboards	BI Consumer Role

This way we can create user and give specific grants and also deny the access to the OBIEE options.

1.4 Update the User Id in CSTB_PARAM

In CSTB_PARAM , Update the name of the user in PARAM_VAL for PARAM_NAME "OBIEE_USER"

Eg: weblogic

1.5 Integration of OBIEE into Flexcube using IFrame

1. Locate the instanceconfig.xml file at the below location:

[OBIEE_HOME]\instances\instance1\config\OracleBIPresentationServicesComponent\coreapplication_obips1\

Update the instanceconfig.xml file to add the highlighted entry within the "security" tag

```
<Security>
<!--Changes to Integration of OBIEE to Flexcube Starts-->
<InIFrameRenderingMode>allow</InIFrameRenderingMode>
<!--Changes to Integration of OBIEE to Flexcube Ends-->
<!--This Configuration setting is managed by Oracle Enterprise Manager Fusion Middleware Control-->
<ClientSessionExpireMinutes>210</ClientSessionExpireMinutes>
</Security>
```

2. Edit the 'web.xml' file at the following location:

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[OBIEE_HOME]\oracleBI1\bifoundation\web\app\WEB-INF\

Add the highlighted text into the "web.xml"

```
<servlet-mapping>

    <servlet-name>SAWBridge</servlet-name>

    <url-pattern>/saw.dll/*</url-pattern>

</servlet-mapping>


<servlet-mapping>

    <servlet-name>RelatedContent</servlet-name>

    <url-pattern>/RelatedContent</url-pattern>

</servlet-mapping>


<context-param>

  <param-name>oracle.adf.view.rich.security.FRAME_BUSTING</param-name>

  <param-value>never</param-value>

</context-param>


<login-config>

 <auth-method>CLIENT-CERT</auth-method>

</login-config>
```

3. Now restart all the Bi components using EM Server.

1.6   <u>**Writeback XML Deployment**</u>

1. Take the Two writeback XMLs

    (i)   ICDSKTOP_COLL.xml

    (ii) ICDSKTOP_LIAB.xml

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They are available in SVN path :

http://ofssfcdevsvn.in.oracle.com:18080/svn/FLEXCUBE_ELCM/branches/FCELCM_12.0.1.0
.0/Soft/MAIN/EL/OBIEE_11g/WritebackXML

2. The XML's should be placed in OBIEE server in the paths mentioned below:

[OBIEE_HOME]/instances/instance1/bifoundation/OracleBIPresentationServicesComponent/
coreapplication_obips1/analyticsRes/customMessages

[OBIEE_HOME]/Oracle_BI1/bifoundation/web/msgdb/customMessages

Please create the customMessages folder as by default they will not be there.

3. Now restart the BI Components from EM Server.

1.7 <u>Server file changes</u>

1. Go to the the path mentioned below
[OBIEE_HOME]/instances/instance1/config/OracleBIServerComponent/coreapplication_obis
1

2. Open NQSConfig file and make the EVALUATE_SUPPORT_LEVEL = 2

```
# EVALUATE_SUPPORT_LEVEL:
# 1: evaluate is supported for users with manageRepositorie
# 2: evaluate is supported for any user.
# other: evaluate is not supported if the value is anything

EVALUATE_SUPPORT_LEVEL = 2;

FMW_SECURITY_SERVICE_URL = "http://10.184.149.60:9704";  # '
FMW_SECURITY_SERVICE_MAX_NUMBER_OF_CONNECTIONS = 2000;
FMW_SECURITY_SERVICE_MAX_NUMBER_OF_RETRIES = 0;
# FMW_SECURITY_SERVICE_RETRY_EXCEPTION_SUBSTRING = "forcibl
FMW_UPDATE_ROLE_AND_USER_REF_GUIDS = NO;
```

3. Go to the path mentioned below
[OBIEE_HOME]/instances/instance1/config/OracleBIPresentationServicesComponent/coreap
plication_obips1

4. Open instanceconfig file and add the following line after </BIComposer>

<LightWriteback>true</LightWriteback>

For Example:

```
<BIComposer>
<!--This Configuration setting is managed by Oracle Enterprise Ma
<Enabled>true</Enabled>
</BIComposer>
<LightWriteback>true</LightWriteback>
<DeploymentProfile>
<!--This Configuration setting is managed by Oracle Enterprise Ma
<DeploymentMode>onsite</DeploymentMode>
</DeploymentProfile>
<AsyncLogon>
```
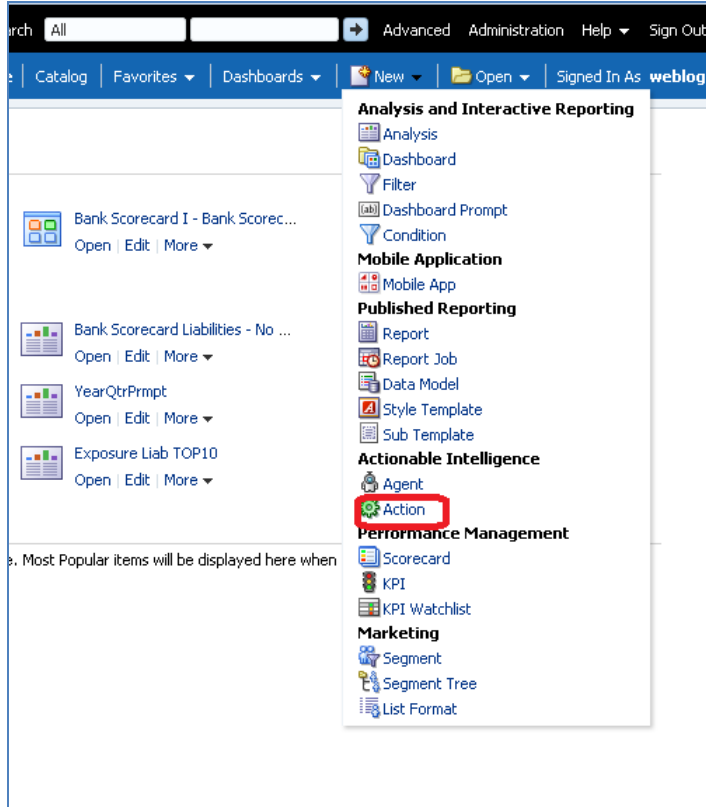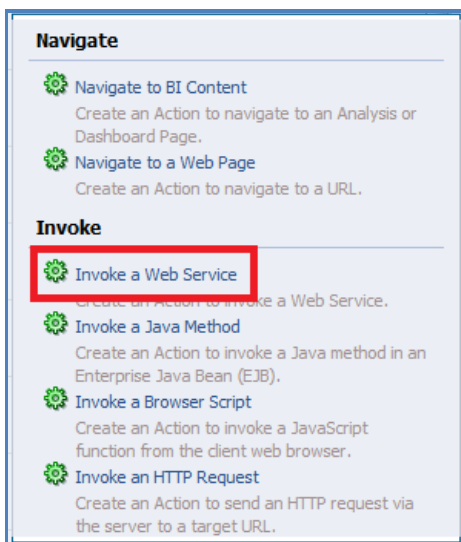
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1.8 Creation and Maintenance of BPEL url.
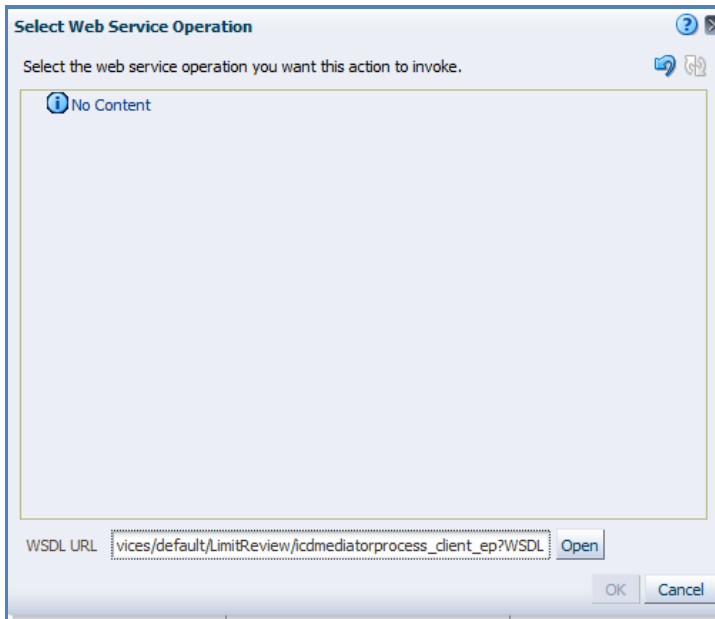
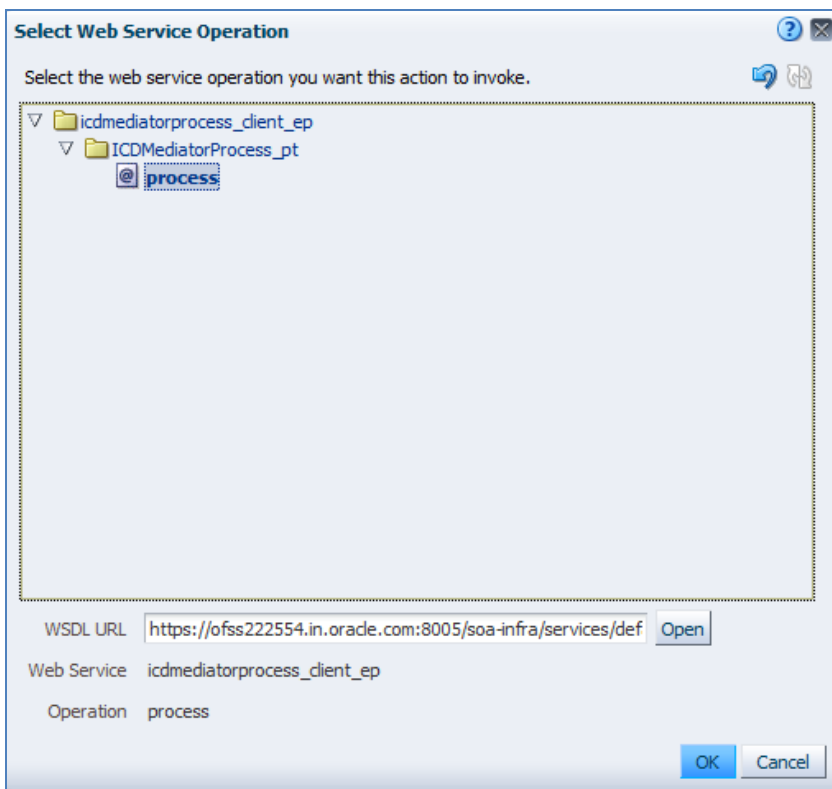### 1.8.1 Steps for creation of BPEL url.

1.To create a BPEL task select the Action from New.

2.Select 'Invoke a Web Service'.

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3. Now Enter the WSDL URL and click Open

4. Navigate to the process and select Ok button

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5. Now the screen shows as follows.

Only the Alert Desc will be displayed to the user, so Change the name of that prompt and 'Save Action'.

1.8.2   Steps for Maintenance of BPEL url.

1. Open the already existing action from the catalog.

2. You will be prompted the screen that is present in step: 5.

3. Now click Browse and follow the steps from Step: 3 until end.

1.9   Disable Cache

1. Login to Enterprise manager,

2. Go to Farm_bifoundation_domain → Business Intelligence → coreapplication on the left side.

3. Click on it and select Performance Tab.

4. Under Enable BI Server Cache , Cache Enabled should be unchecked.
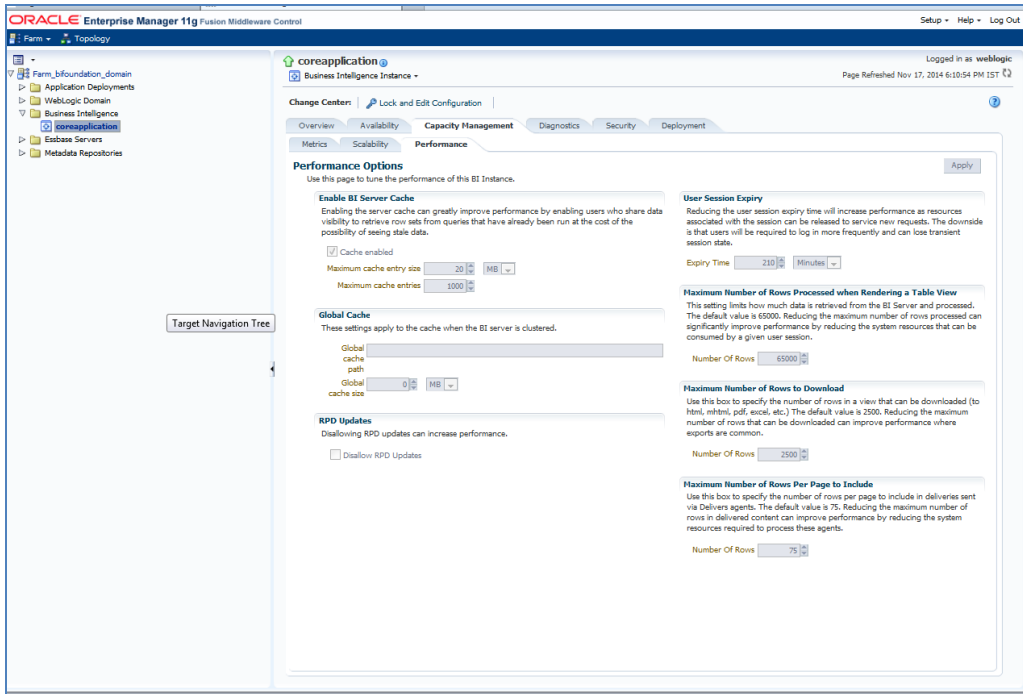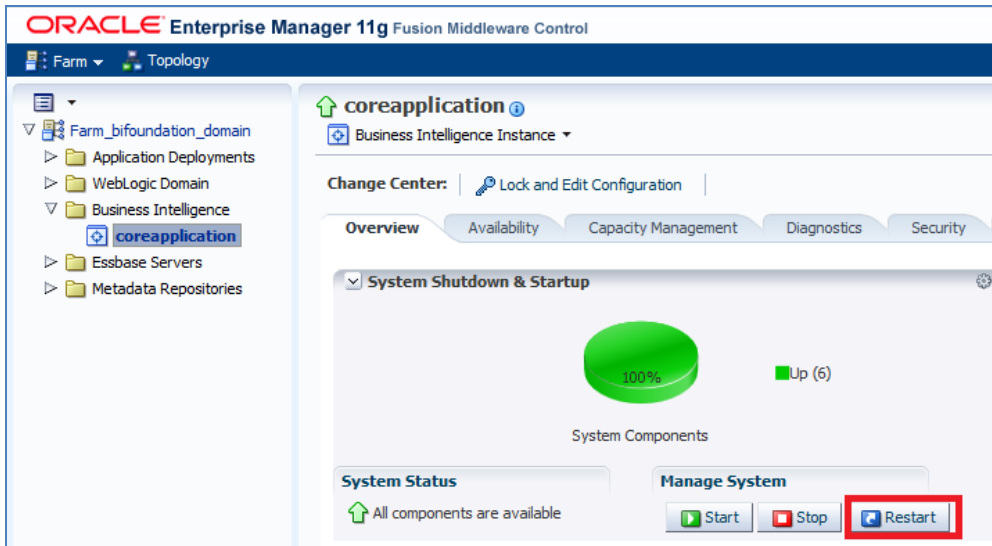
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1.10 Restarting BI Components using EM Server

1. Login Into EM server of OBIEE

2. Go to coreapplicaitons in Business Intelligence option
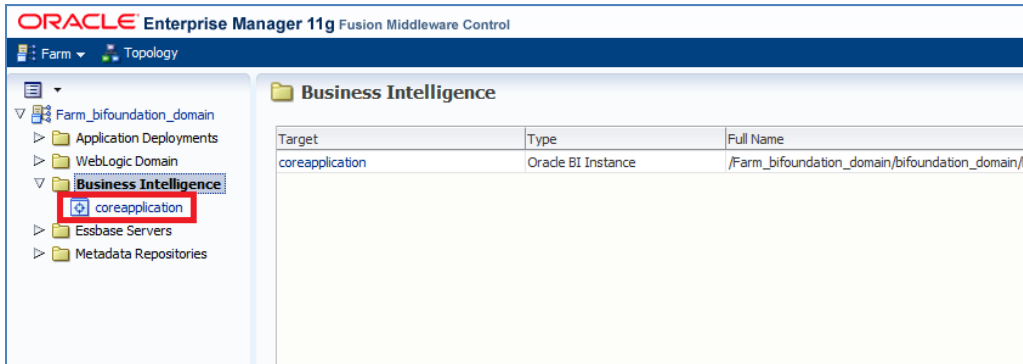
3. The below screen opens.

4. Click 'Restart'.

5. Click 'Yes'.

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