Oracle FLEXCUBE OBIEE Reports
Oracle FLEXCUBE Universal Banking
Release 14.2.0.0.0
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FINANCIAL SERVICES

Table of Contents

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.

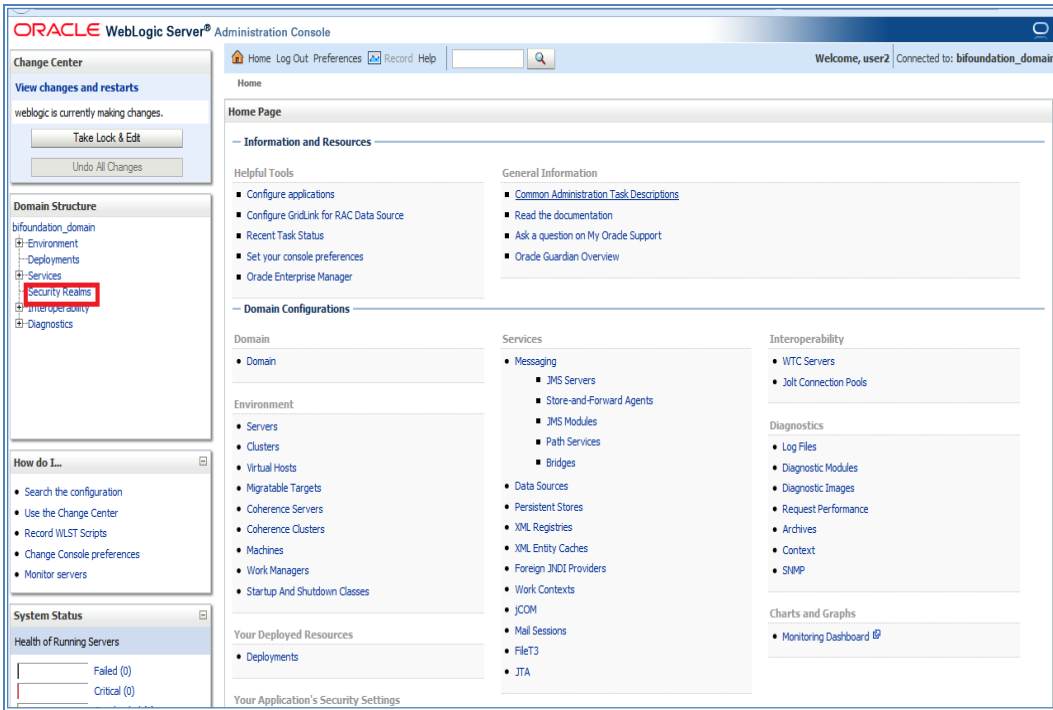## 1.2 Creation of User with Administrator Rights

1.2.1 Steps to create user

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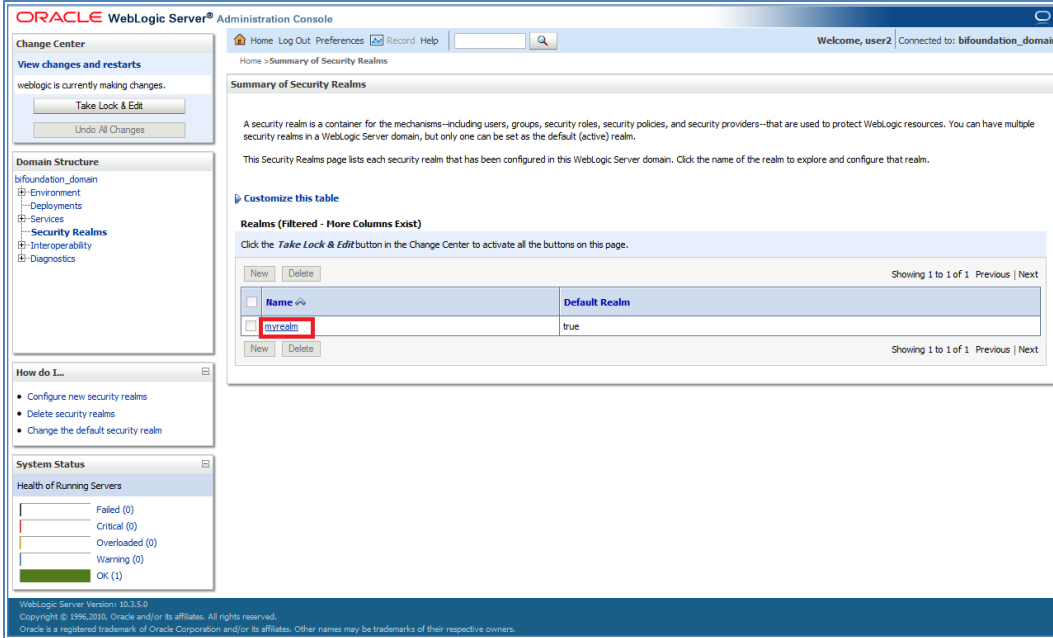
1. Login to OBIEE Admin console with admin credentials
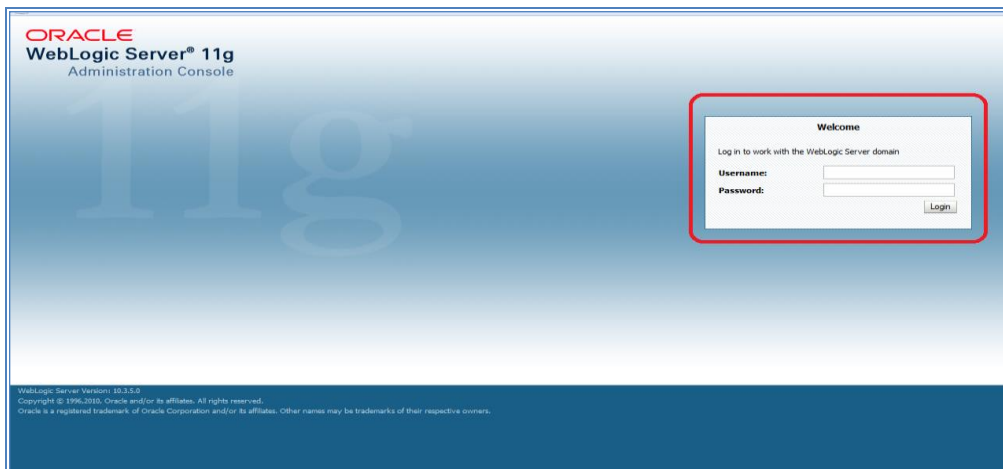
2. Once logged in click on security realms in the page

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

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

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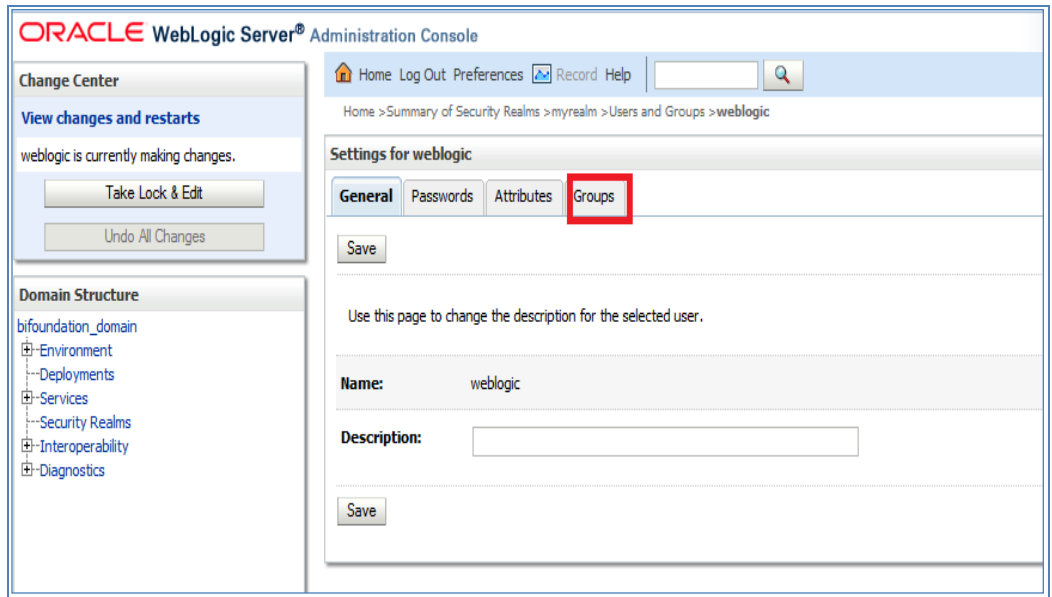
10. Assign the groups 'Administrators' and 'BIAdministrators' groups to **weblogic** user and click Save
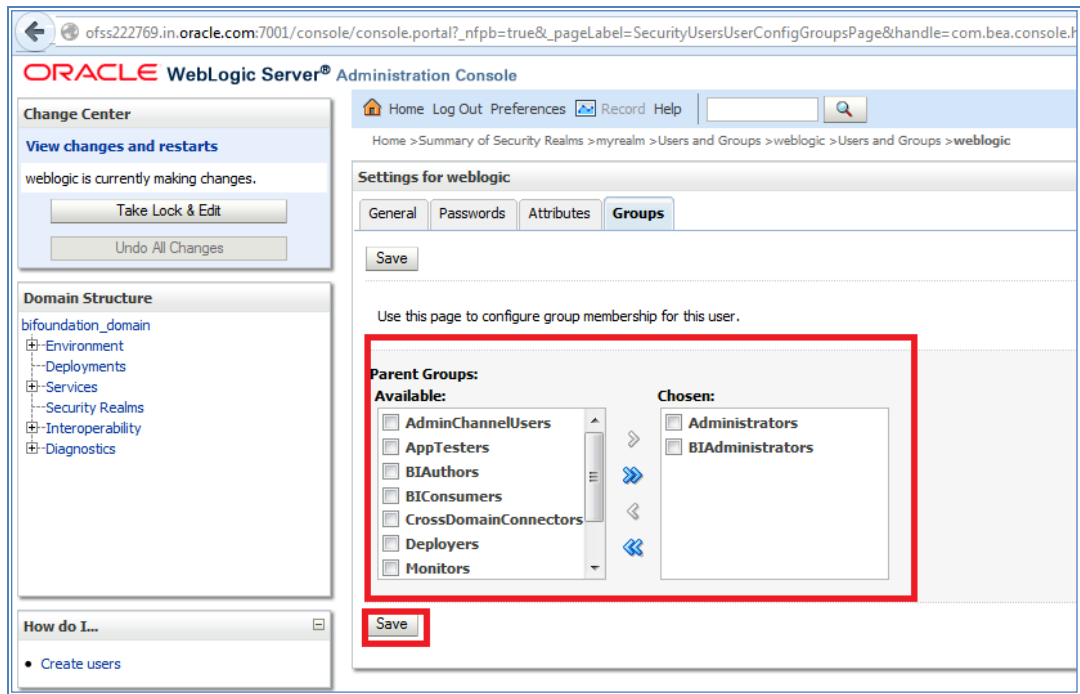
This completes user creation.

You can logout from here.

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1.3   <u>Steps to implement access restrictions to user</u>

1. Login to OBIEE analytics Url with admin user credentials
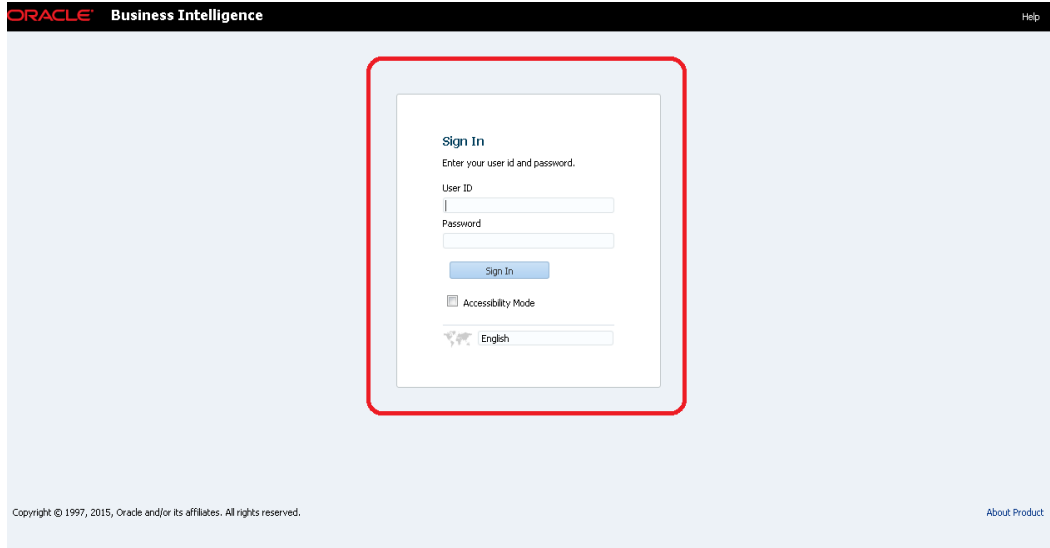
2. Once logged in click on Administration link
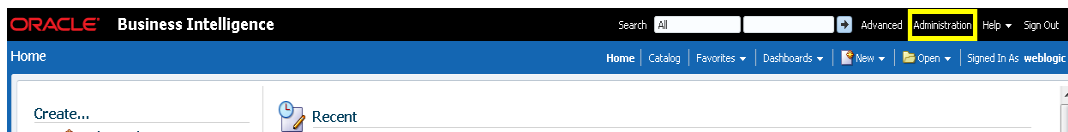
3. Click on Manage Privileges
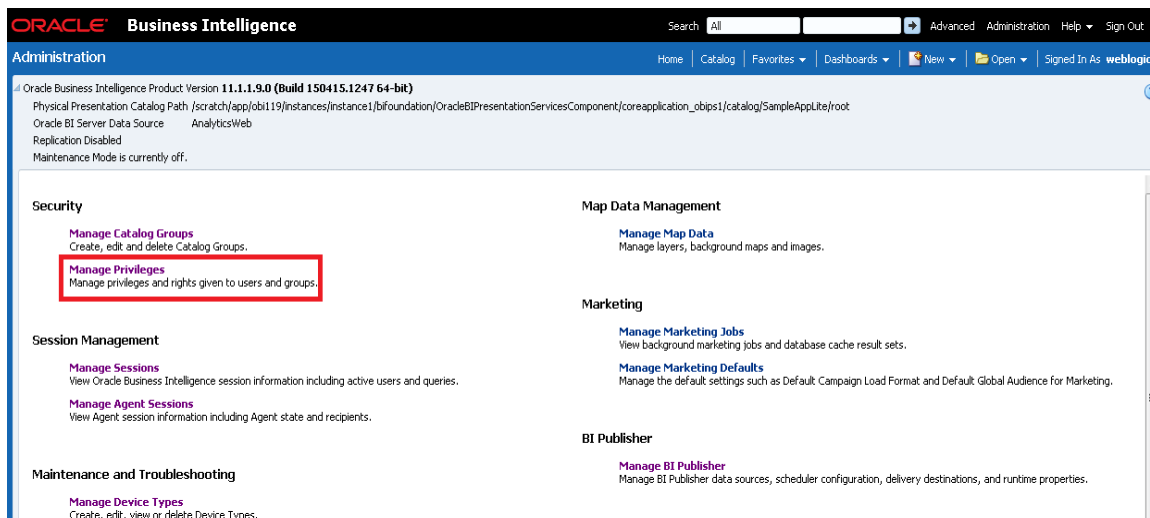
4. Click on 'BI Consumer Role' link for 'Catalog Preview UI' access as shown here

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
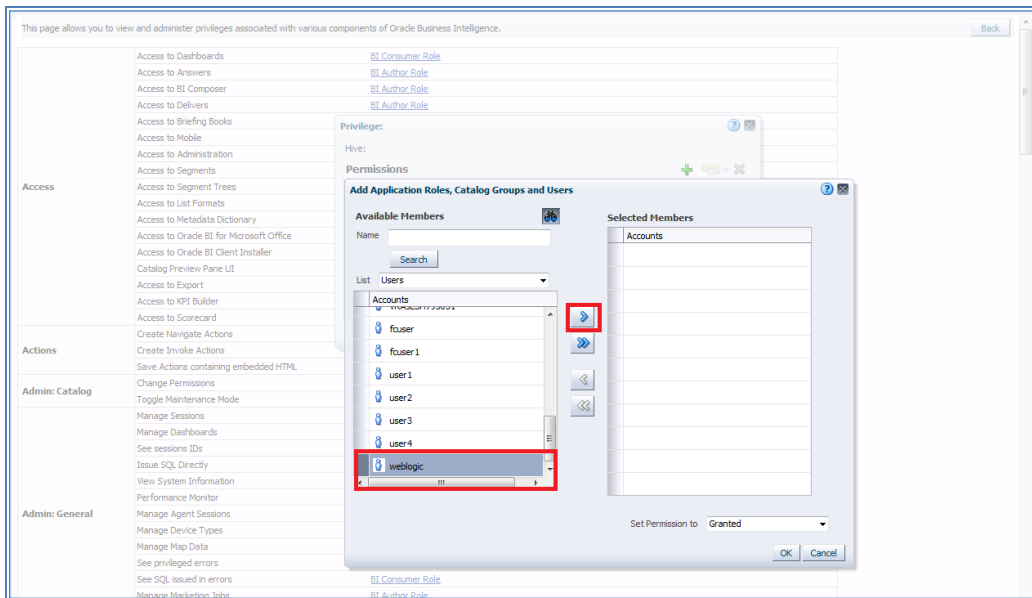
8. Now set the Permission to Denied and click Ok
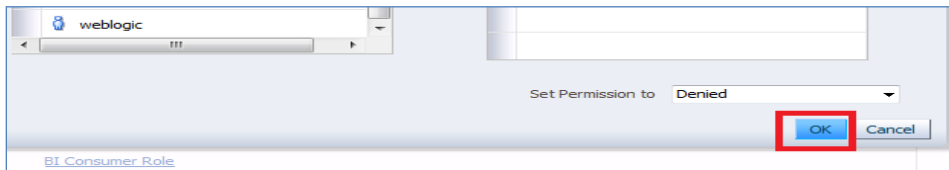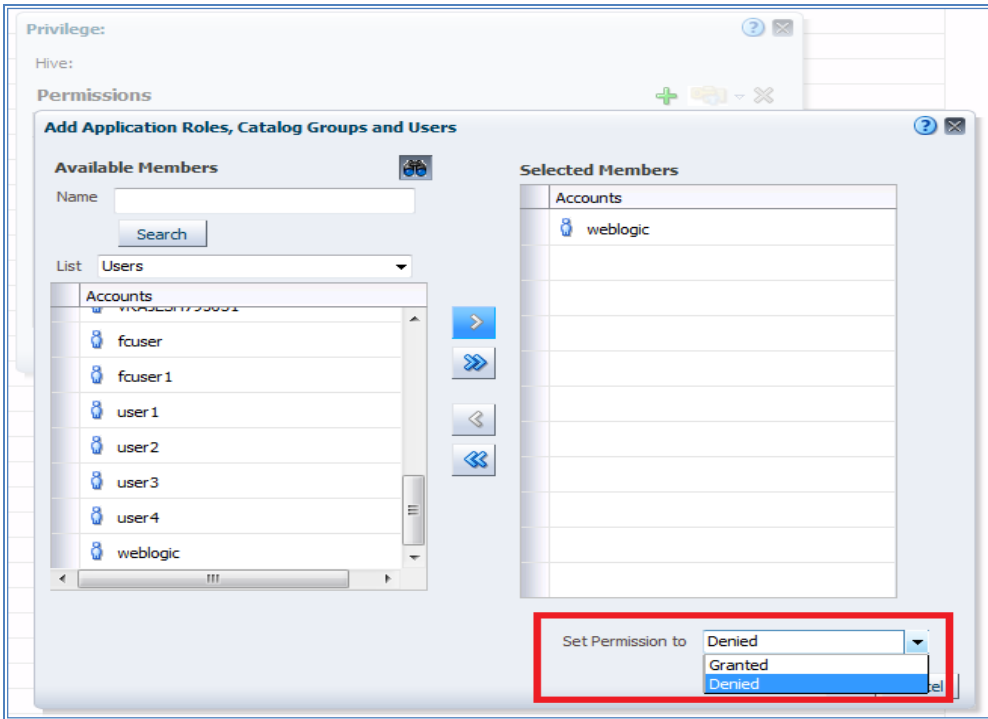
9. Again Press Ok
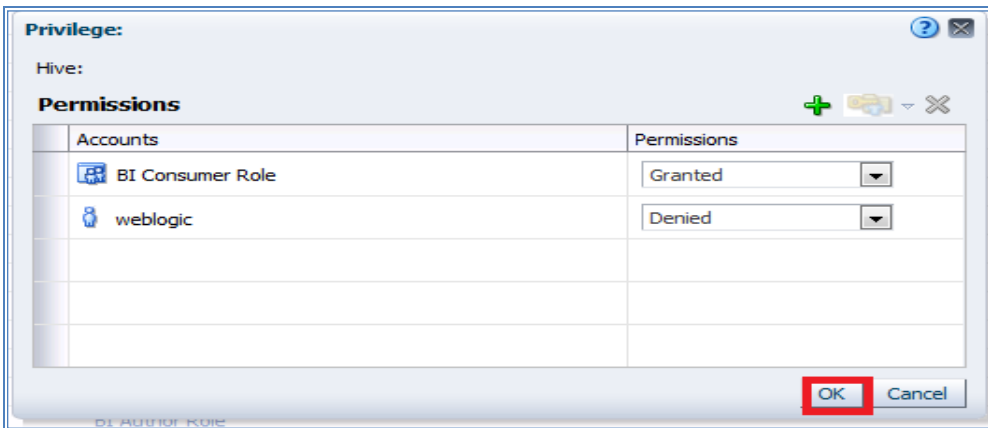
10. Once done you will see that user is denied to the particular access as shown here

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This page allows you to view and administer privileges associated with various components of Oracle Business Intelligence.

Access		
	Access to Dashboards	BI Consumer Role
	Access to Answers	BI Author Role
	Access to BI Composer	BI Author Role
	Access to Delivers	BI Author Role
	Access to Briefing Books	BI Consumer Role
	Access to Mobile	BI Consumer Role
	Access to Administration	BI Administrator Role
	Access to Segments	BI Consumer Role
	Access to Segment Trees	BI Author Role
	Access to List Formats	BI Author Role
	Access to Metadata Dictionary	BI Author Role
	Access to Oracle BI for Microsoft Office	BI Consumer Role
	Access to Oracle BI Client Installer	BI Consumer Role
	Catalog Preview Pane UI	BI Consumer Role **Denied:** weblogic
	Access to Export	BI Consumer Role
	Access to KPI Builder	BI Author Role
	Access to Scorecard	BI Consumer Role

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

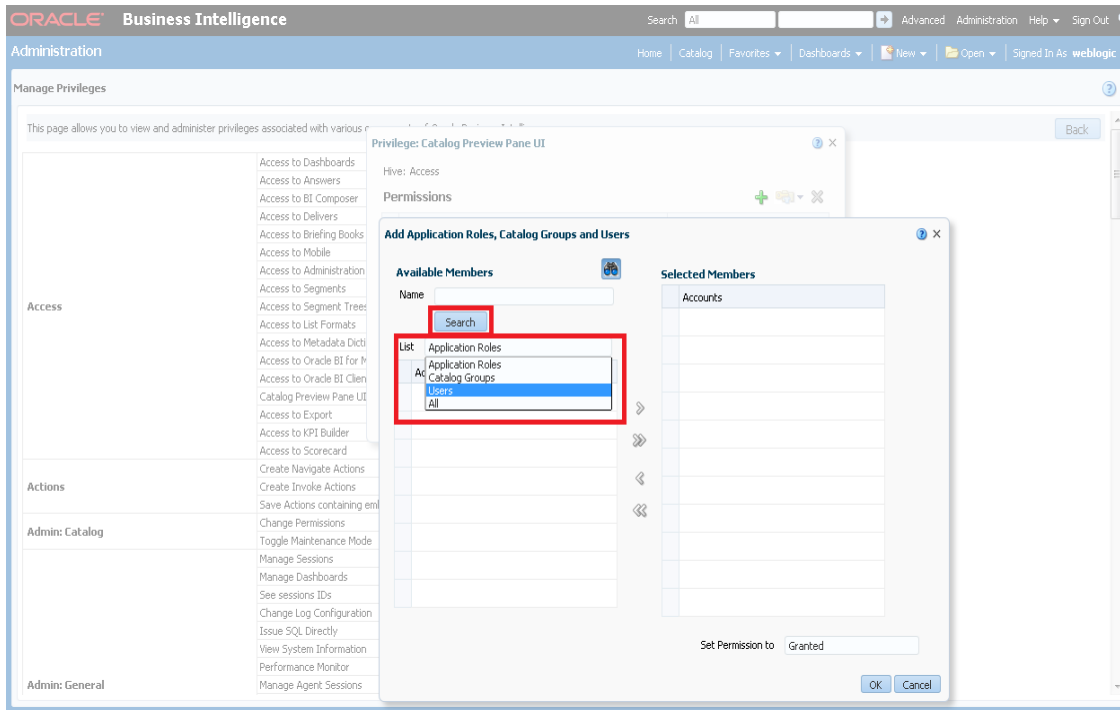**Administration** — Home | Catalog | Favorites ▾ | Dashboards ▾

Manage Privileges

This page allows you to view and administer privileges associated with various components of Oracle Business Intelligence.

Access		
	Access to Dashboards	BI Consumer Role
	Access to Answers	BI Author Role
	Access to BI Composer	BI Author Role
	Access to Delivers	BI Author Role
	Access to Briefing Books	BI Consumer Role
	Access to Mobile	BI Consumer Role
	Access to Administration	BI Administrator Role **Denied:** weblogic
	Access to Segments	BI Consumer Role **Denied:** weblogic
	Access to Segment Trees	BI Author Role
	Access to List Formats	BI Author Role
	Access to Metadata Dictionary	BI Author Role
	Access to Oracle BI for Microsoft Office	BI Consumer Role
	Access to Oracle BI Client Installer	BI Consumer Role **Denied:** weblogic
	Catalog Preview Pane UI	BI Consumer Role **Denied:** weblogic
	Access to Export	BI Consumer Role
	Access to KPI Builder	BI Author Role
	Access to Scorecard	BI Consumer Role

| Actions		
	Create Navigate Actions	BI Consumer Role **Denied:** weblogic
	Create Invoke Actions	BI Author Role
	Save Actions containing embedded HTML	BI Administrator Role

Administration — Home | Catalog | Favorites ▾ | Dashboards ▾

Manage Privileges

	Access to Permissions Dialog	BI Consumer Role
	Add To or Edit a Briefing Book	BI Author Role
Briefing Book	Download Briefing Book	BI Consumer Role **Denied:** weblogic
	Add to snapshot briefing book	BI Consumer Role
	Personal Storage (My Folders and My Dashboard)	BI Consumer Role **Denied:** weblogic
	Reload Metadata	BI Administrator Role
	See Hidden Items	BI Author Role
Catalog	Create Folders	BI Author Role
	Archive Catalog	BI Administrator Role
	Unarchive Catalog	BI Administrator Role
	Upload Files	BI Administrator Role
	Perform Global Search	BI Author Role
	Perform Extended Search	BI Author Role
Conditions	Create Conditions	BI Author Role
	Save Customizations	BI Consumer Role **Denied:** weblogic
	Assign Default Customizations	BI Author Role **Denied:** weblogic
Dashboards	Create Bookmark Links	BI Consumer Role **Denied:** weblogic
	Create Prompted Links	BI Consumer Role **Denied:** weblogic
	Export Entire Dashboard To Excel	BI Consumer Role
	Export Single Dashboard Page To Excel	BI Consumer Role

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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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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"

```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   Writeback XML Deployment

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>
```
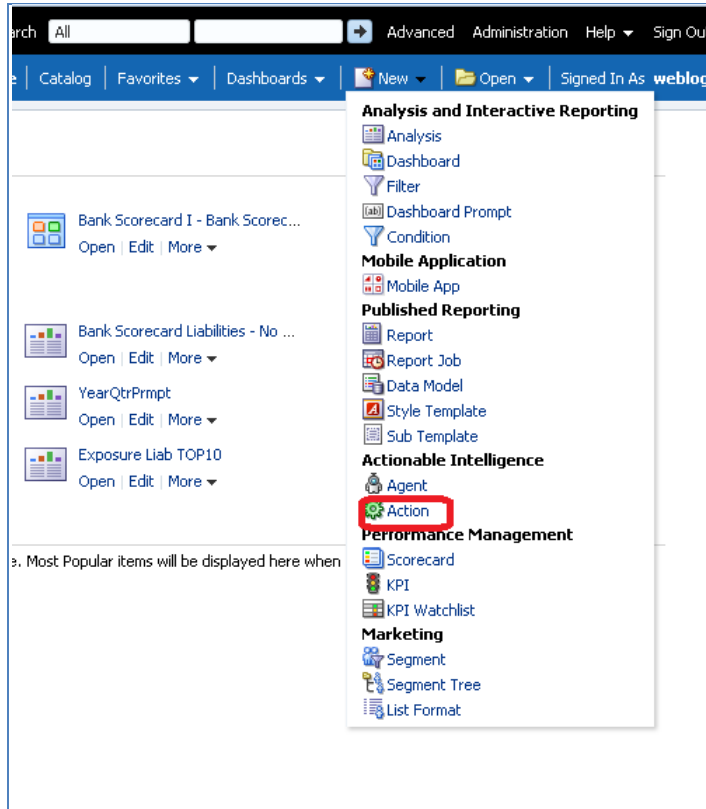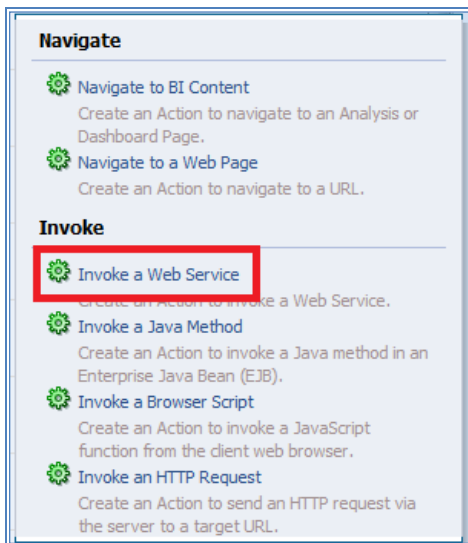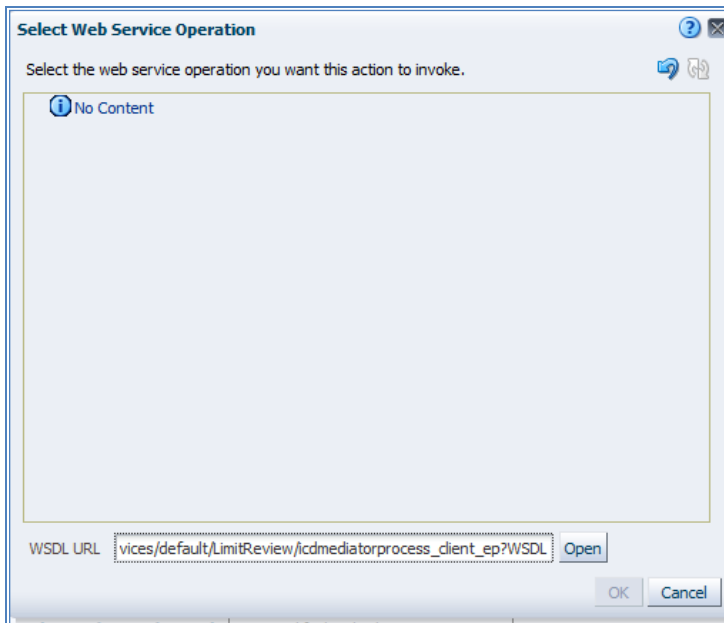
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1.8 Creation and Maintenance of BPEL url.

1.8.1 Steps for creation of BPEL url.
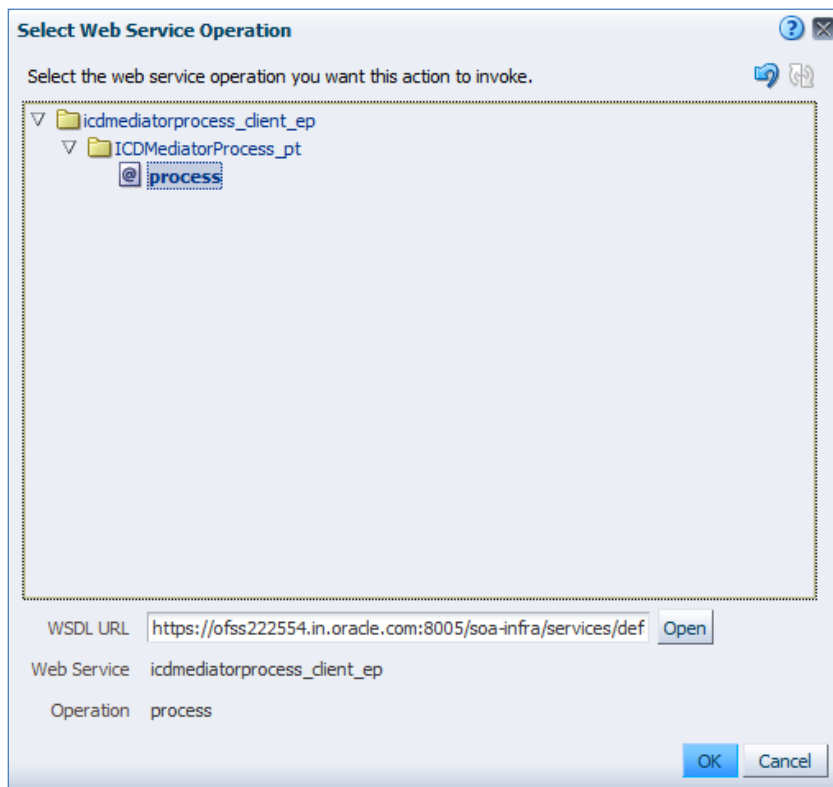
1. To create a BPEL task select the Action from New.

2. Select 'Invoke a Web Service'.

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3. Now Enter the WSDL URL and click Open

Select Web Service Operation

Select the web service operation you want this action to invoke.

ⓘ No Content

WSDL URL   vices/default/LimitReview/icdmediatorprocess_client_ep?WSDL   Open

OK   Cancel

4. Navigate to the process and select Ok button

Select Web Service Operation

Select the web service operation you want this action to invoke.

▽ 📁 icdmediatorprocess_client_ep
　　▽ 📁 ICDMediatorProcess_pt
　　　　@ **process**

WSDL URL   https://ofss222554.in.oracle.com:8005/soa-infra/services/def   Open

Web Service   icdmediatorprocess_client_ep

Operation   process

OK   Cancel

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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.
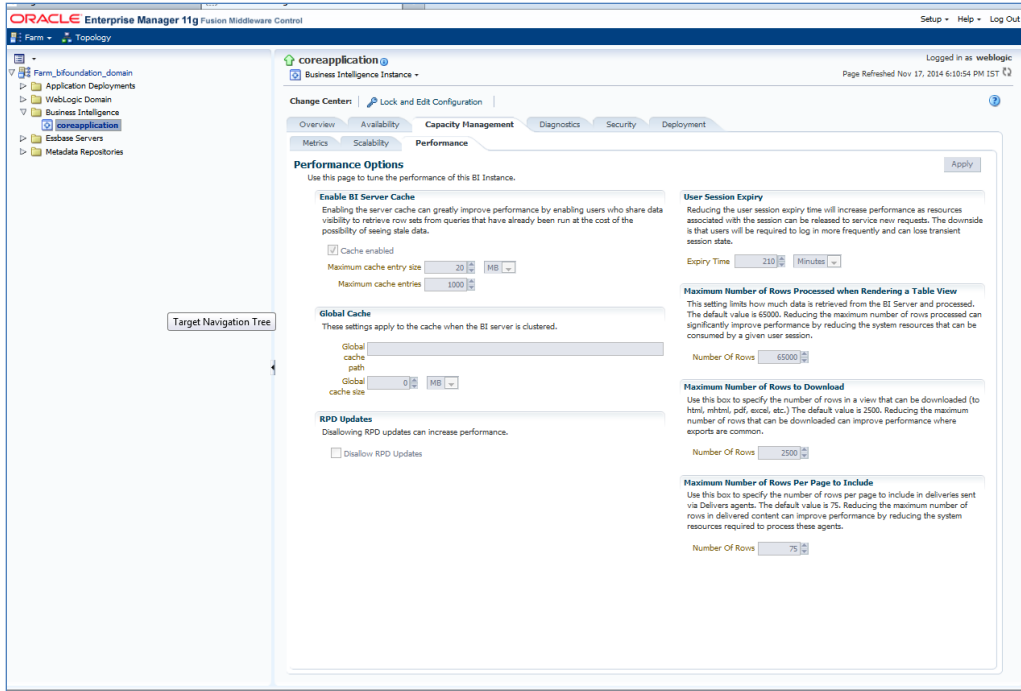
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1.10 Restarting BI Components using EM Server

1. Login Into EM server of OBIEE

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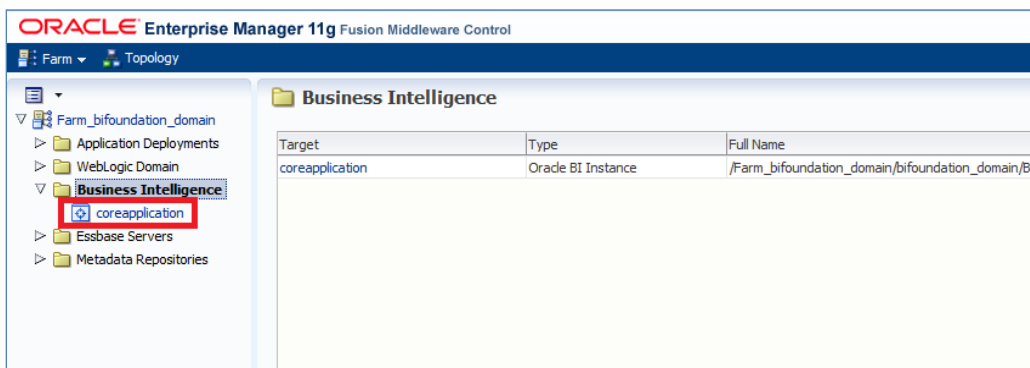
3. The below screen opens.

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4. Click 'Restart'.

5. Click 'Yes'.

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