OBIEE Reports
Oracle Banking ELCM
Release 14.5.0.0.0
[May] [2021]

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**FINANCIAL SERVICES**

# Table of Contents

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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.

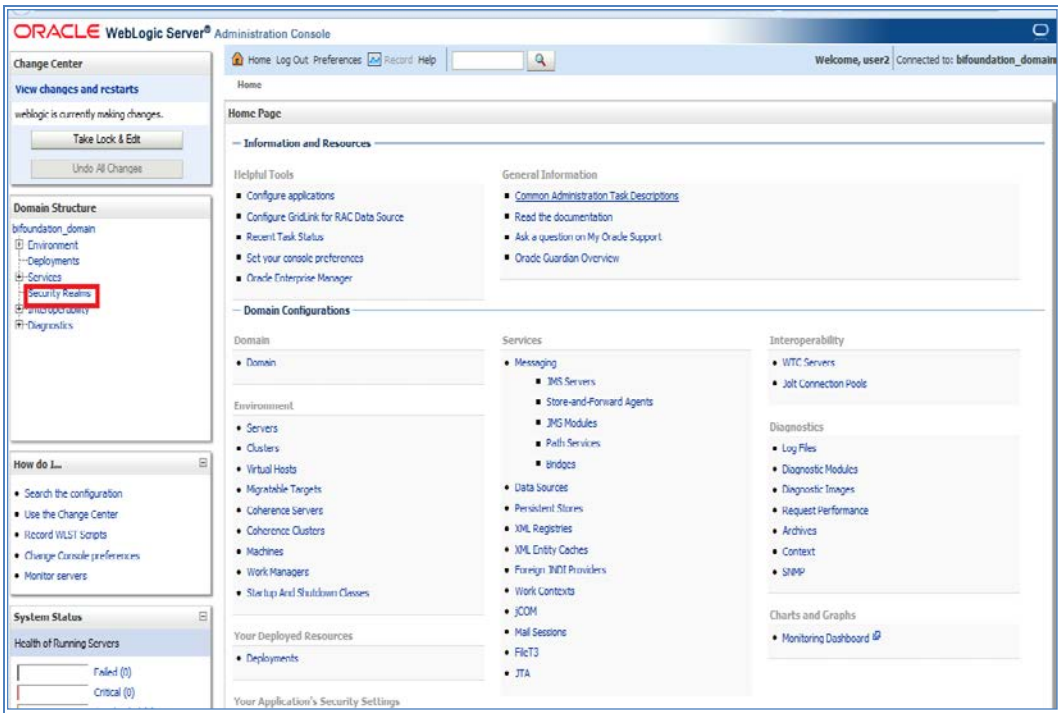## 1.2    Creation of User with Administrator Rights

### 1.2.1    Steps to create user

Create 'weblogic' user if it's not created already in the OBIEE instance you are using.
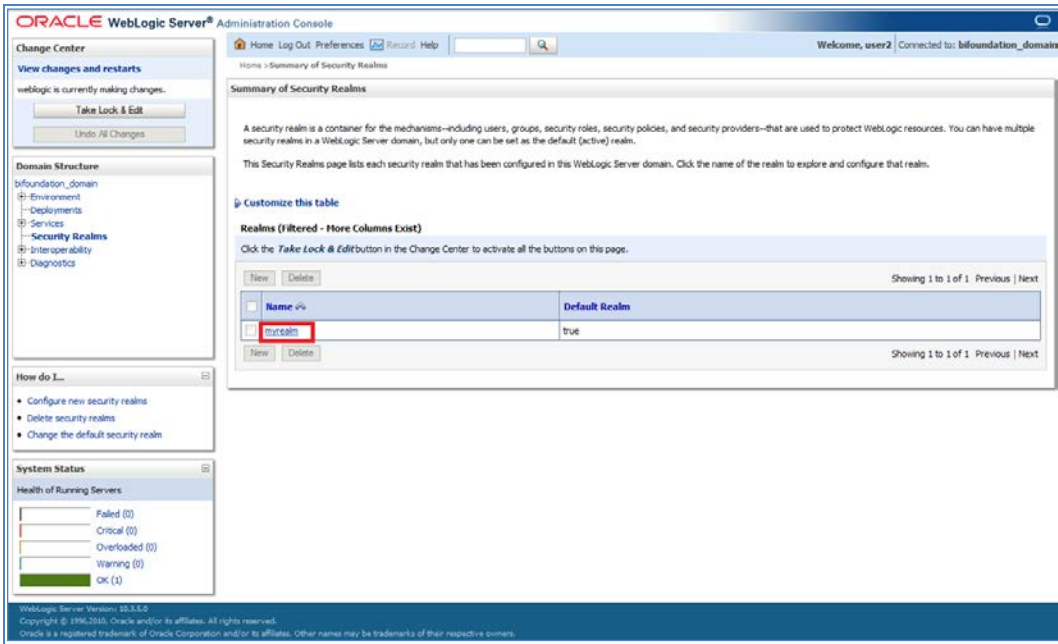
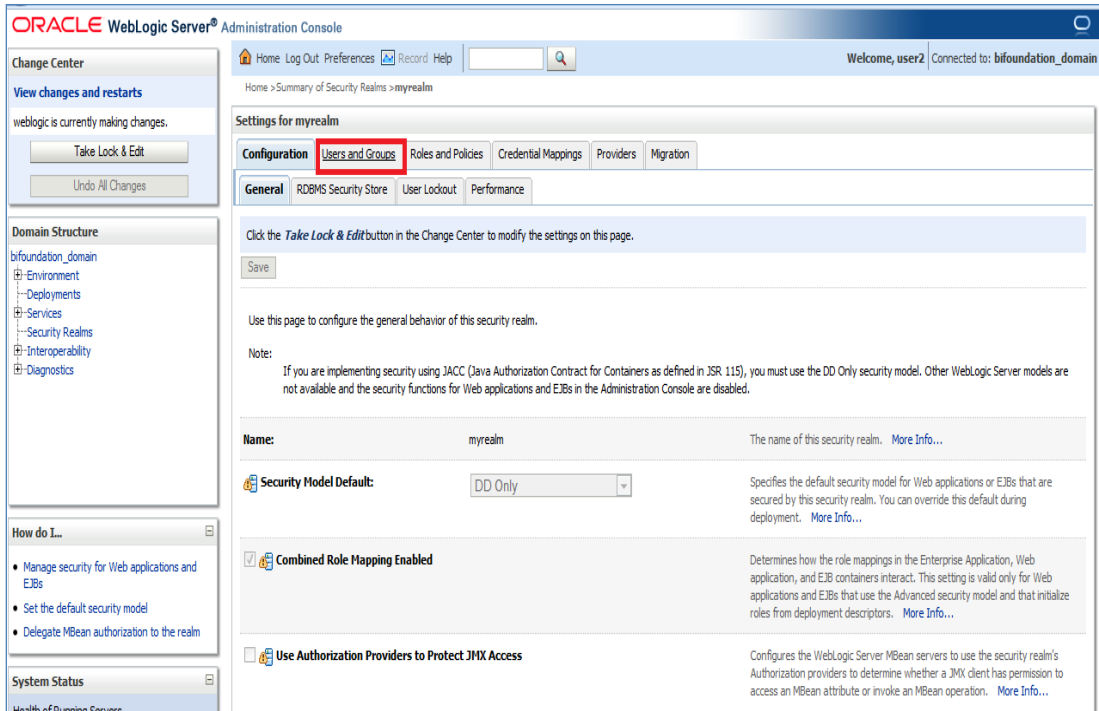1.  Login to OBIEE Admin console with admin credentials



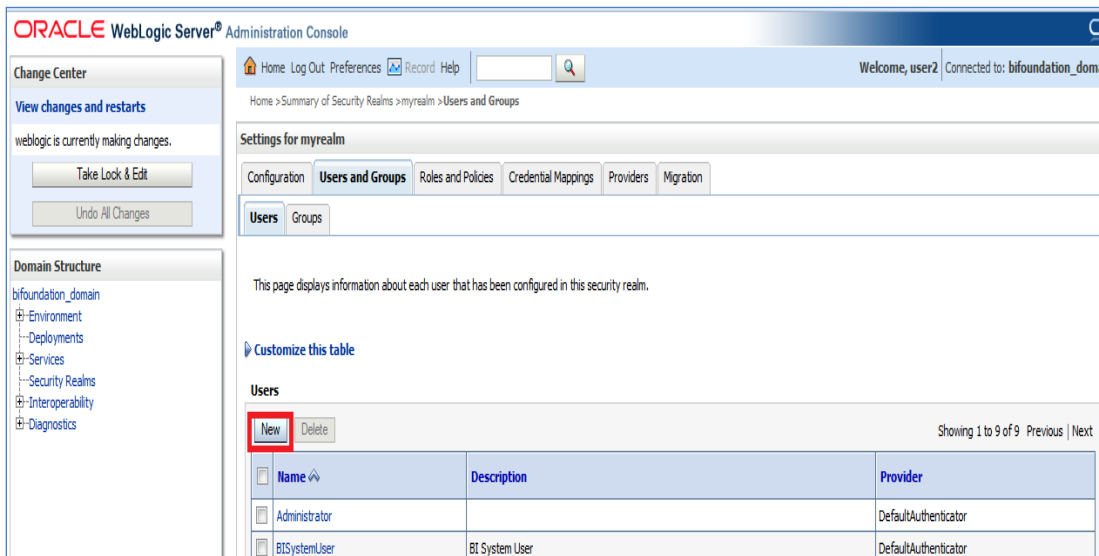2.  Once logged in click on security realms in the page

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3. Next click on my realms as shown below



4. Next click on user and groups tab

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5. Click on New for creating new user.



6. Enter the Name i.e username. Enter the 'password' and 'confirm password' and next click on OK.

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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. Click on 'Groups' tab.

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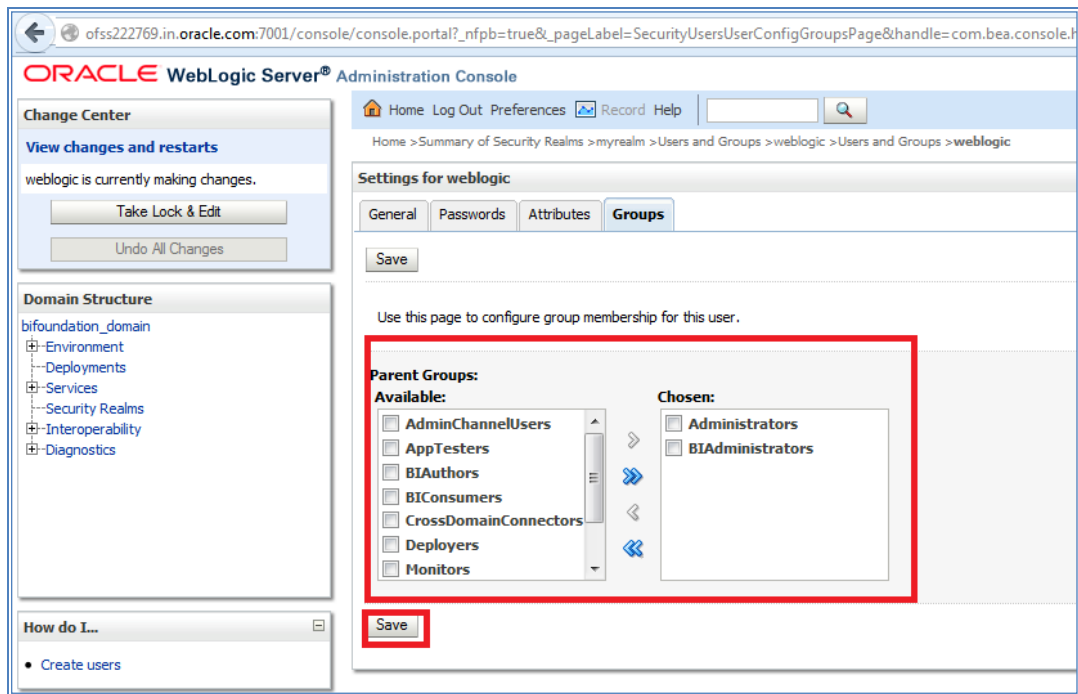


This completes user creation.

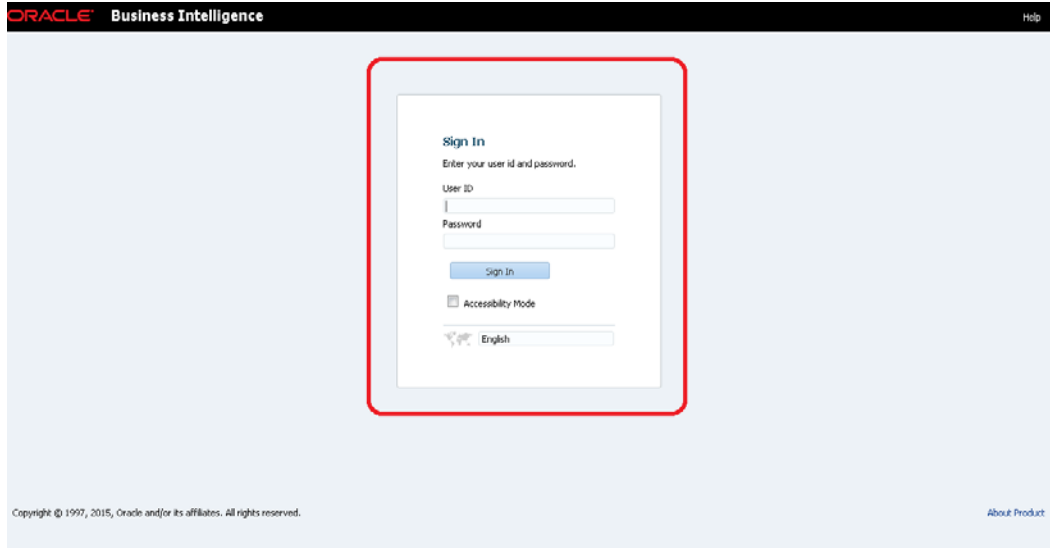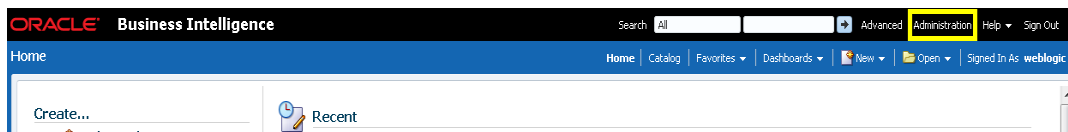You can logout from here.

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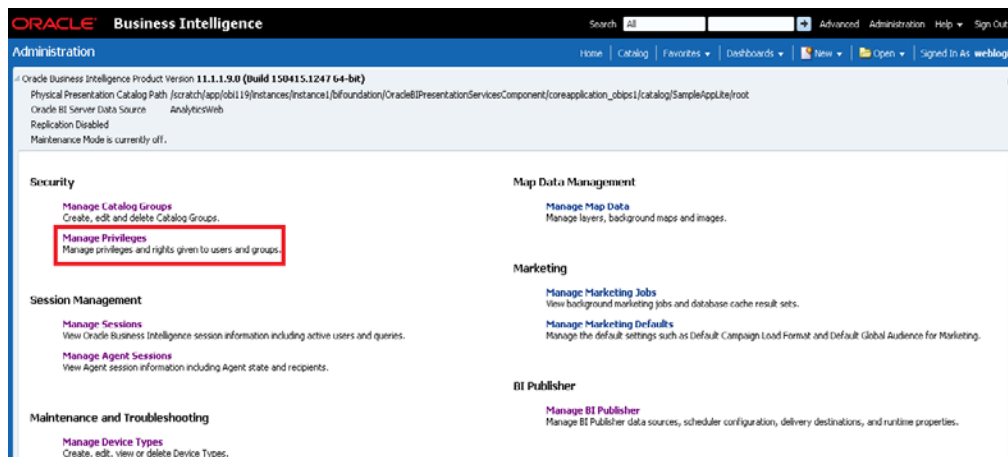## 1.3 Steps to implement access restrictions to user

1. Login to OBIEE analytics URLl 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:

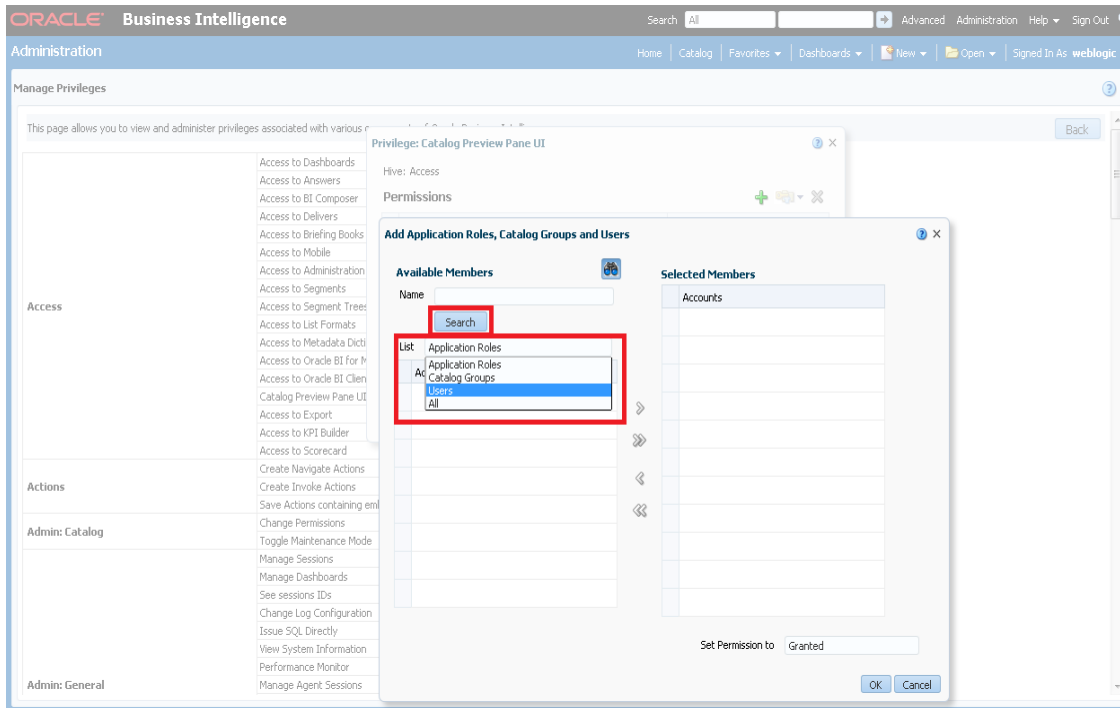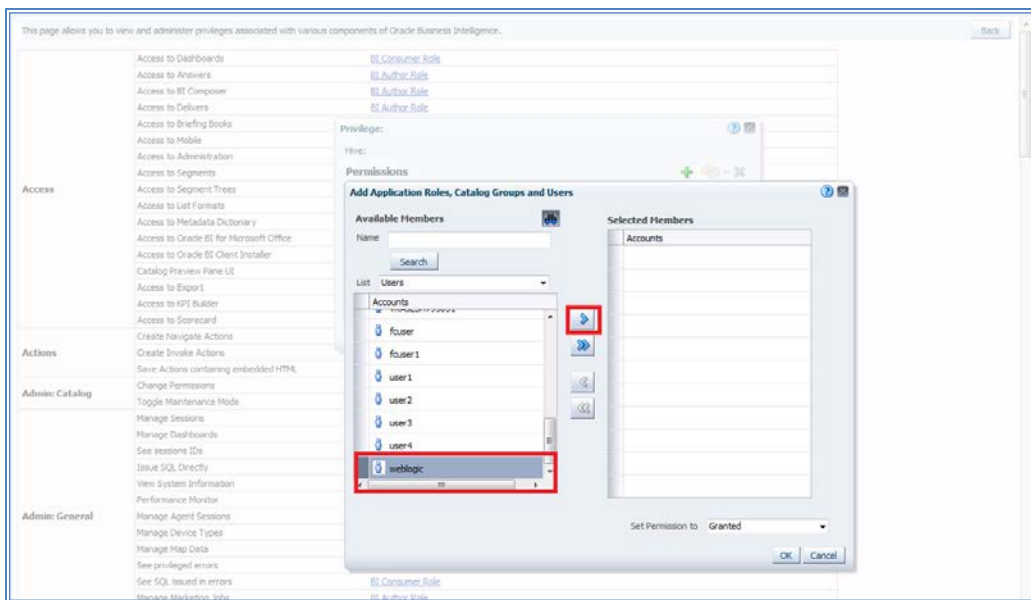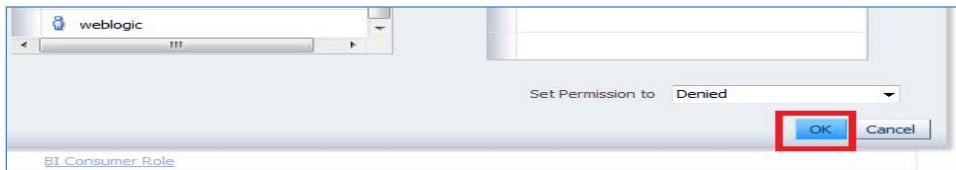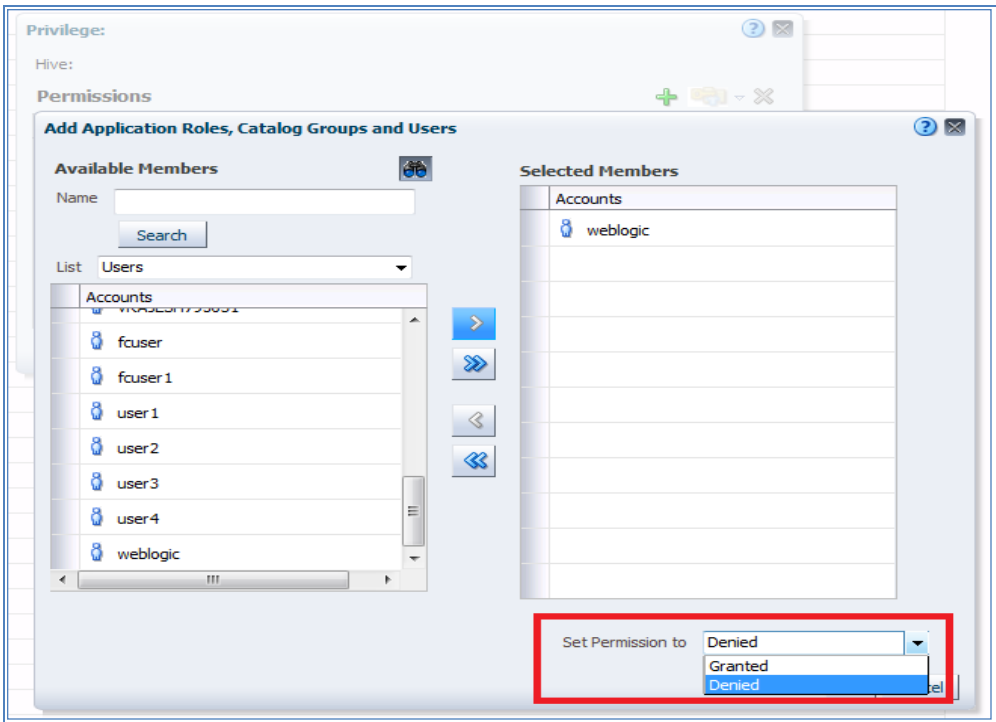| | This page allows you to view and administer privileges associated with various components of Oracle Business Intelligence. | |
|---|---|---|
| | Access to Dashboards | BI Consumer Role |
| | Access to Answers | BI Author Role |
| | Access to BI Composer | BI Author Role |
| | Access to Delivers | 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** | 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 |
| | Access to Export | BI Consumer Role |
| | Access to KPI Builder | BI Author Role |
| | Access to Scorecard | BI Consumer Role |

5. Next click on '+' symbol

6. Select users from the drop-down shown and click on 'Search'.
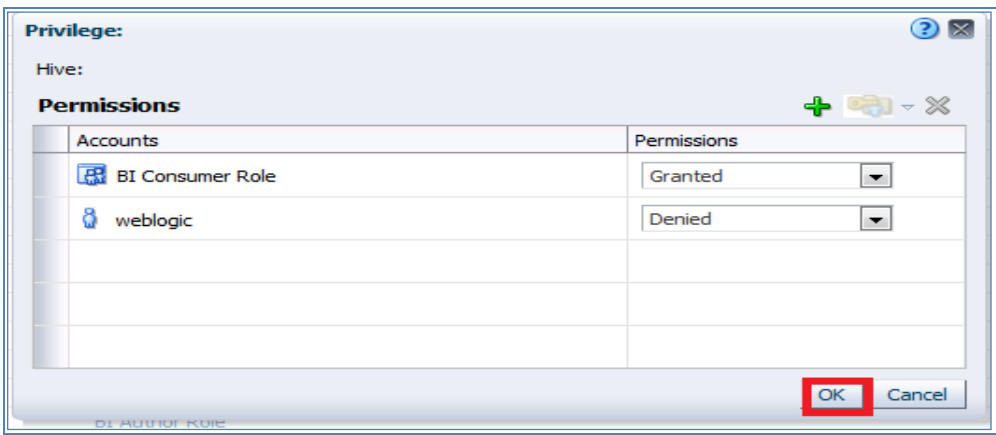


7. Select 'weblogic' user and click on the arrow to move to Selected Members



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 |
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| | 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

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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\coreapplic ation_obips1\

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

```xml
<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  <u>Writeback XML Deployment</u>

1. Take the Two writeback XMLs

   (i)  ICDSKTOP_COLL.xml

   (ii)  ICDSKTOP_LIAB.xml

   They are available in SVN path :

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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  Server file changes

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>

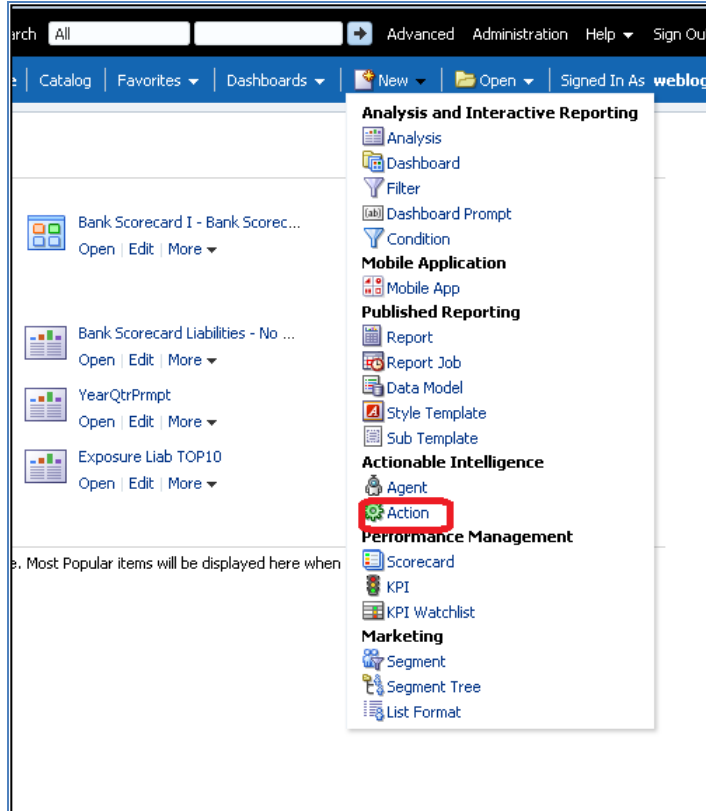For Example:

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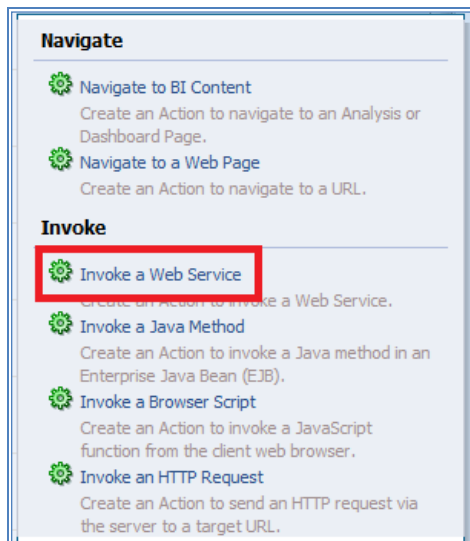
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## 1.8 Creation and Maintenance of BPEL url.

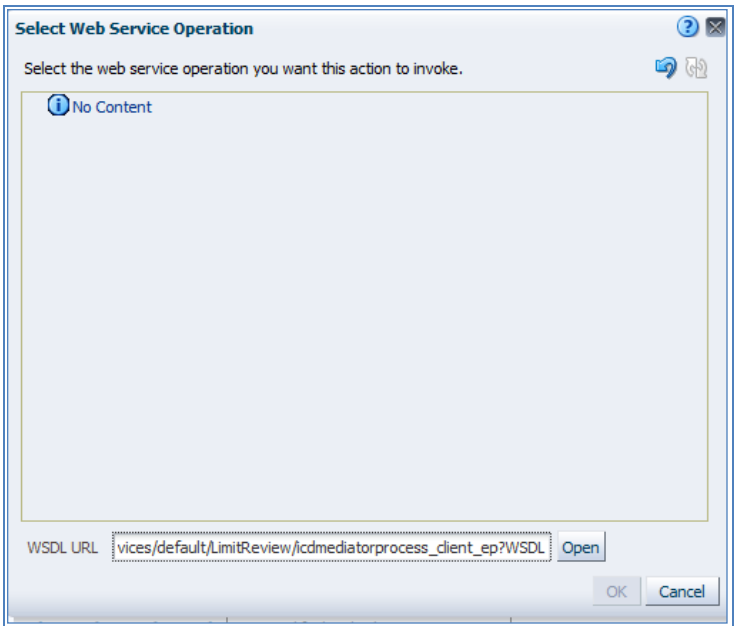### 1.8.1 Steps for creation of BPEL url.

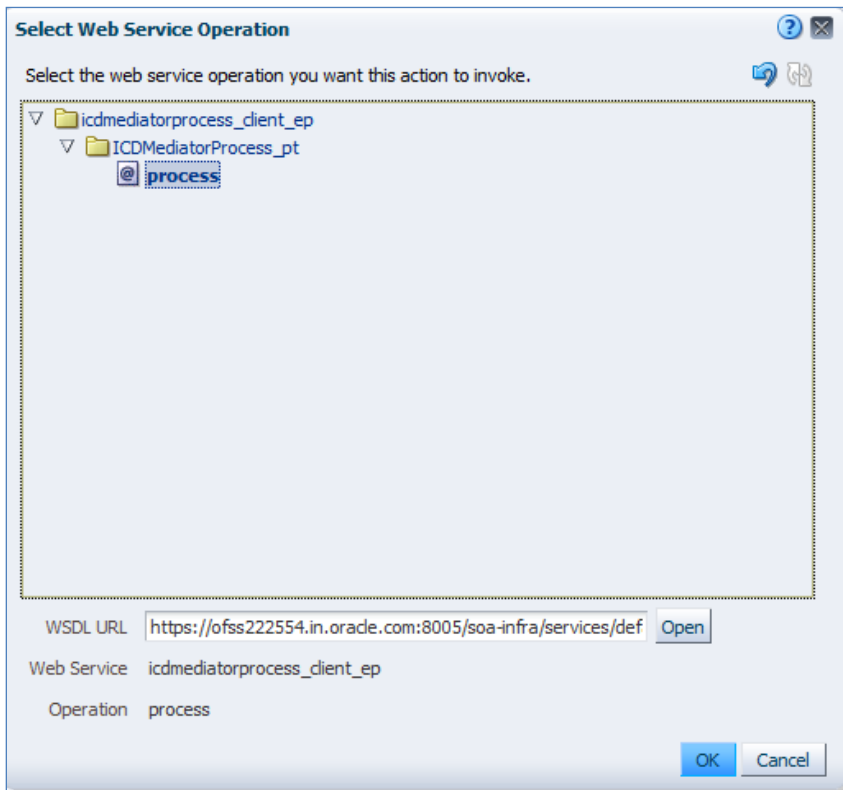1. To create a BPEL task select the 'Action' from 'New'.



2. Select 'Invoke a Web Service'.
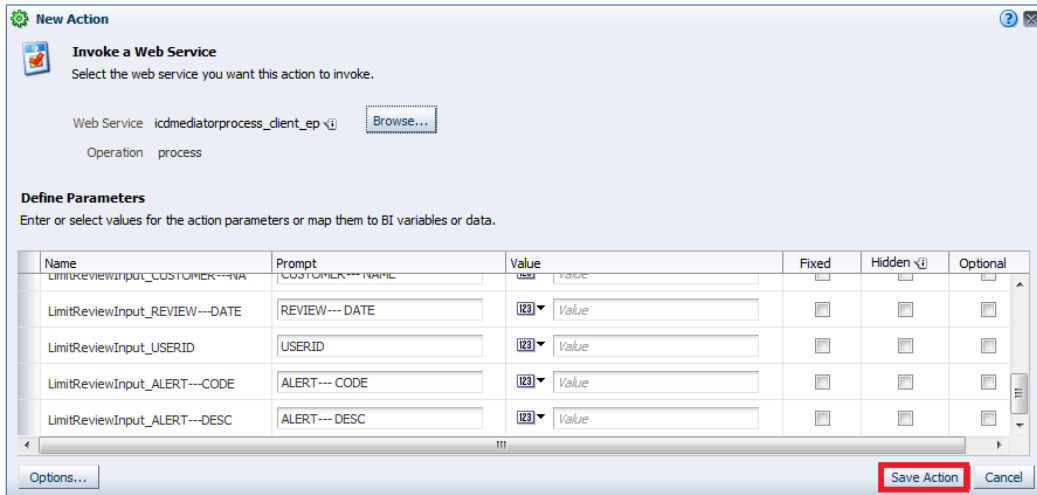


3. Now Enter the WSDL URL and click Open.

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4. Navigate to the process and select Ok button.



5. Now the screen shows as follows.

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Only the 'Alert Desc' appears 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.
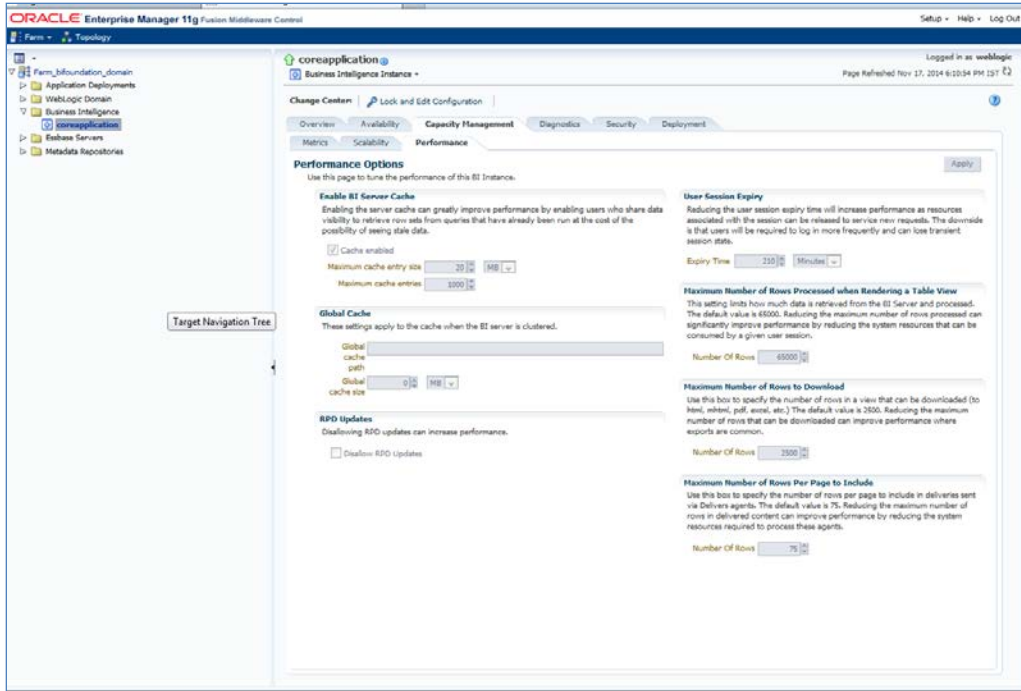
## 1.10  Restarting BI Components using EM Server

1.  Login into EM server of OBIEE.

2.  Go to coreapplicaitons in Business Intelligence option.
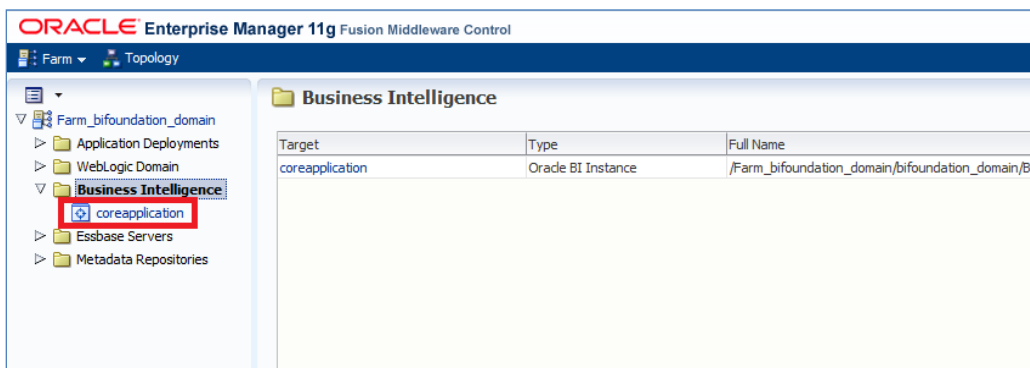


3.  The below screen opens.
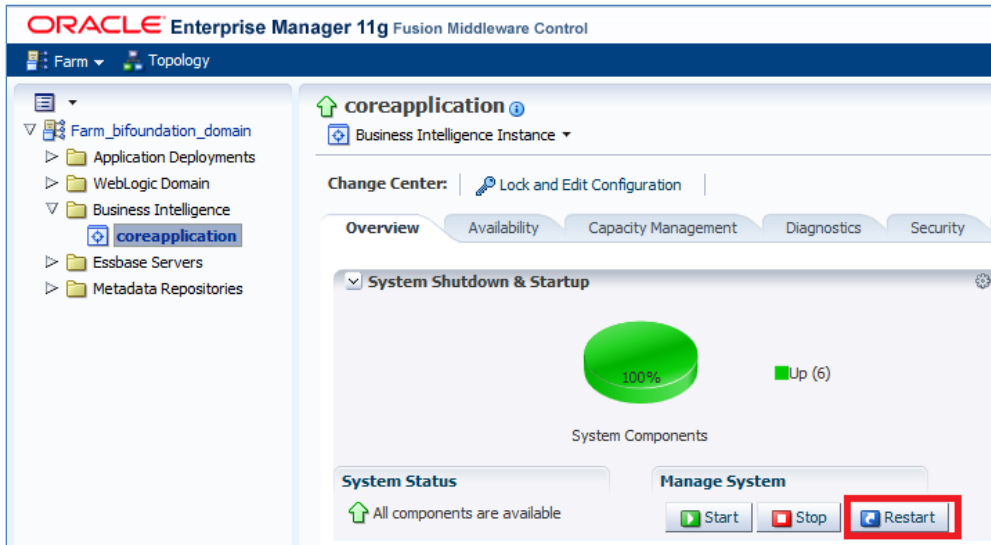
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4. Click 'Restart'.

5. Click 'Yes'.

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