

Oracle FLEXCUBE OBIEE Reports
Oracle FLEXCUBE Investor Servicing
Release 14.4.0.0.0
[July] [2020]



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1. Oracle FLEXCUBE OBIEE Reports Setting

1.1 Introduction

This document covers the setting required to launch OBIEE reports from within Oracle 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
- Server file changes
- Creation and Maintenance of BPEL URL.
- Disable Cache
- Restarting BI Components using EM Server

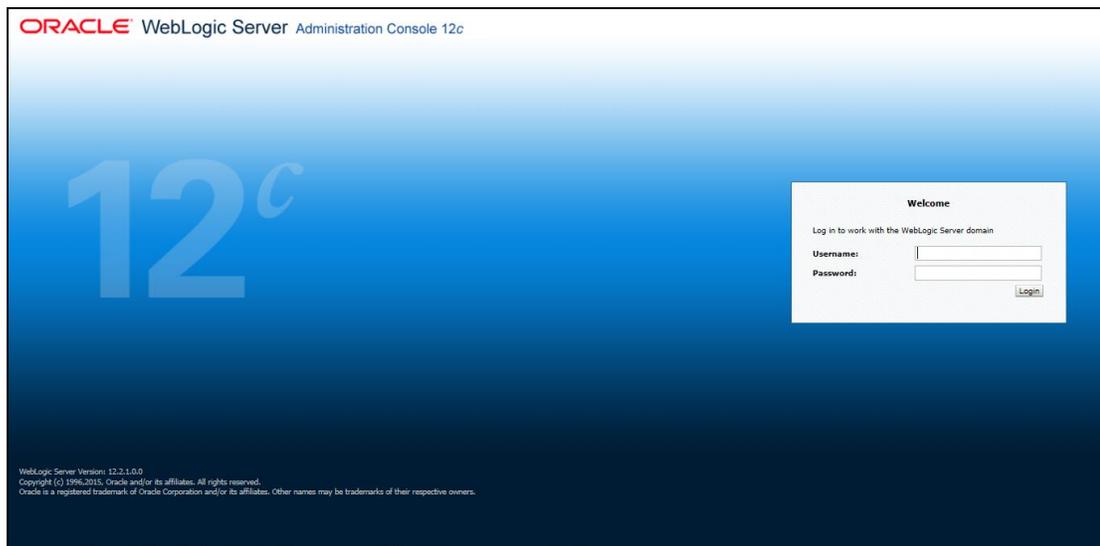
Note: If OBIEE is on SSL, valid SSL certificate is essential to invoke OBIEE screens from Oracle FLEXCUBE. If valid SSL certificate is not available, then the browser will show an error message when you try to invoke an OBIEE screen.

1.2 Creation of User with Administrator Rights

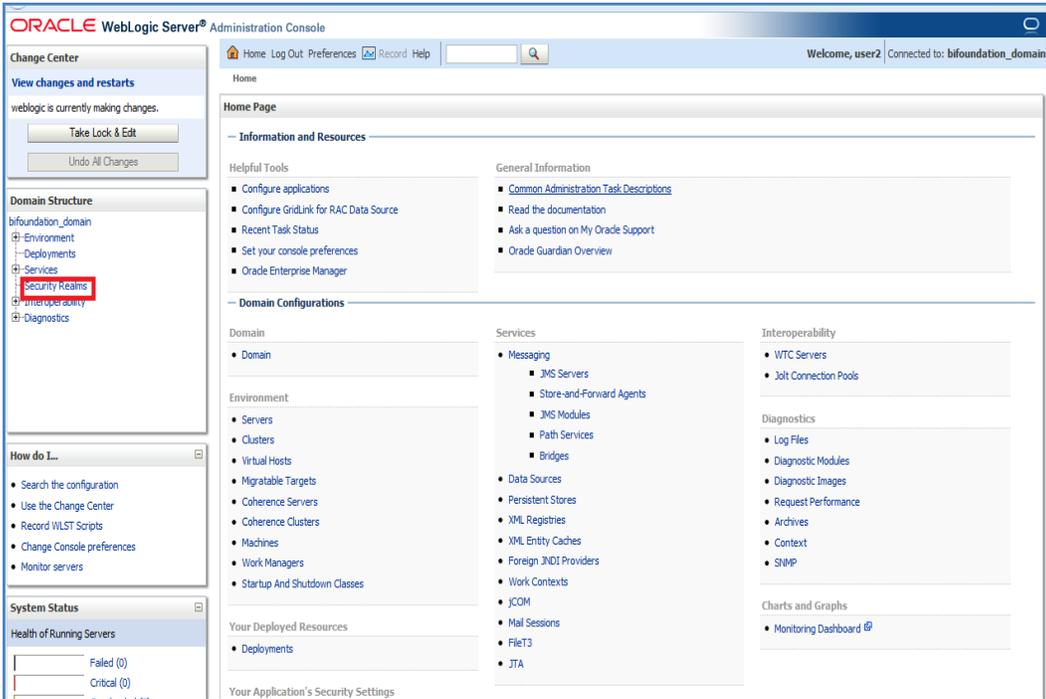
1.2.1 Steps to create user

Create 'weblogic' user if it's not created already in the OBIEE instance you are using.

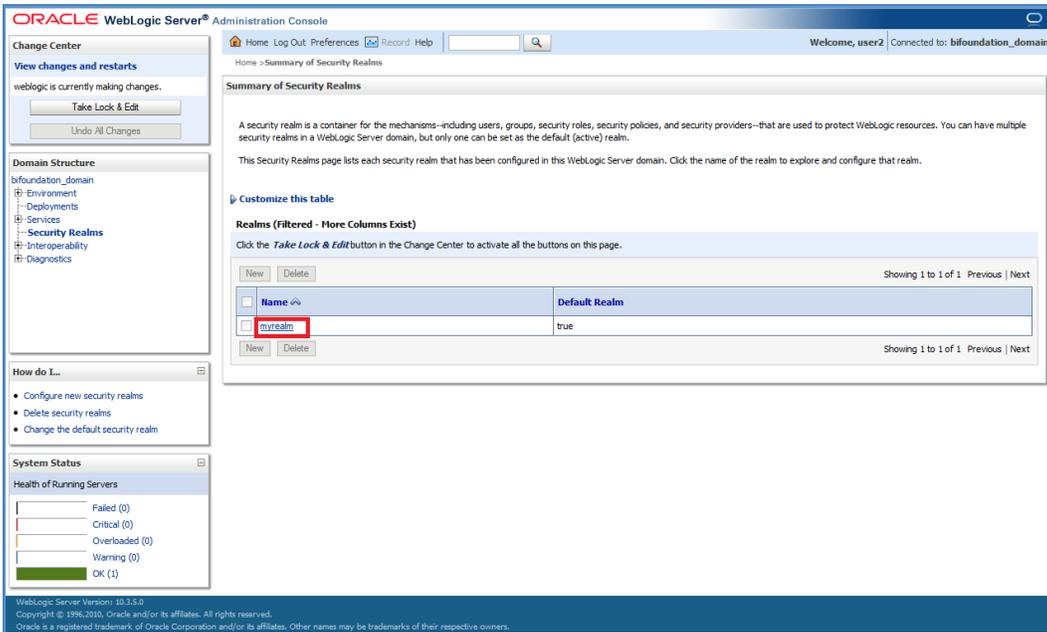
1. Login to OBIEE Admin console with admin credentials



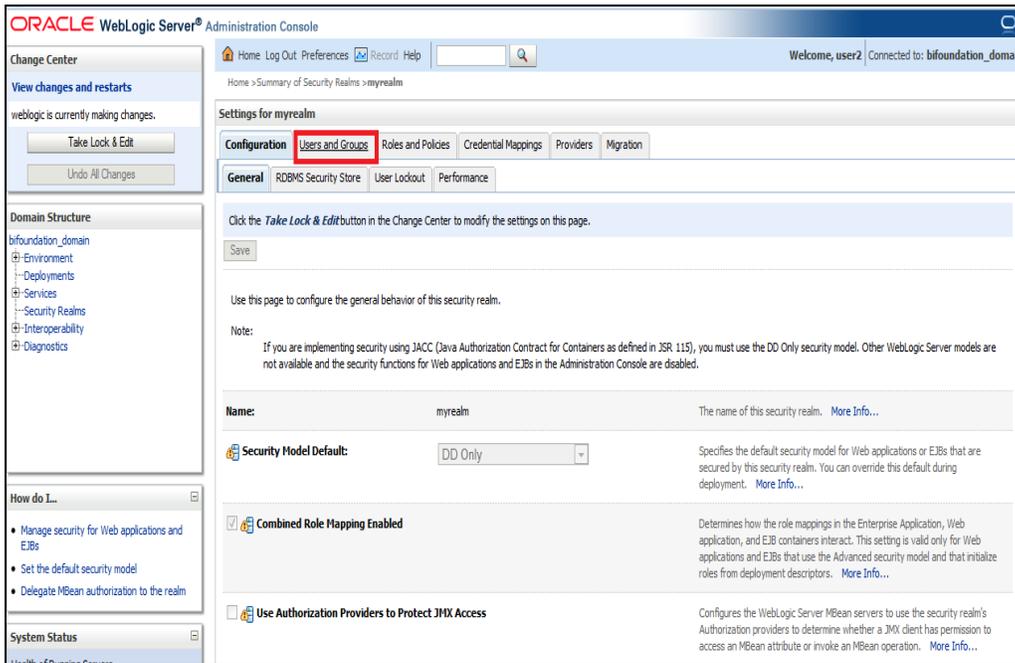
2. Once logged in click on security realms in the page



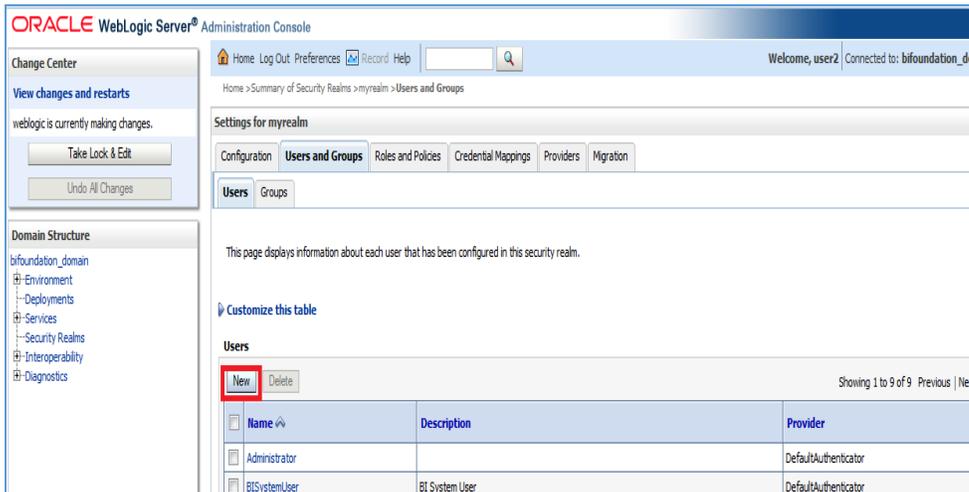
3. Next click on my realms as shown below



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

Home Log Out Preferences Record Help Welcome, user2 Connected to: bifoundation_domain

Home > Summary of Security Realms > myrealm > Users and Groups

Create a New User

OK Cancel

User Properties

The following properties will be used to identify your new User.

* Indicates required fields

What would you like to name your new User?

* Name:

How would you like to describe the new User?

Description:

Please choose a provider for the user.

Provider:

The password is associated with the login name for the new User.

* Password:

* Confirm Password:

OK Cancel

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

Home Log Out Preferences Record Help Welcome, user2 Connected to: bifoundation_domain

Home > Summary of Security Realms > myrealm > Users and Groups

Messages

✔ User created successfully

Settings for myrealm

Configuration **Users and Groups** Roles and Policies Credential Mappings Providers Migration

Users Groups

This page displays information about each user that has been configured in this security realm.

Customize this table

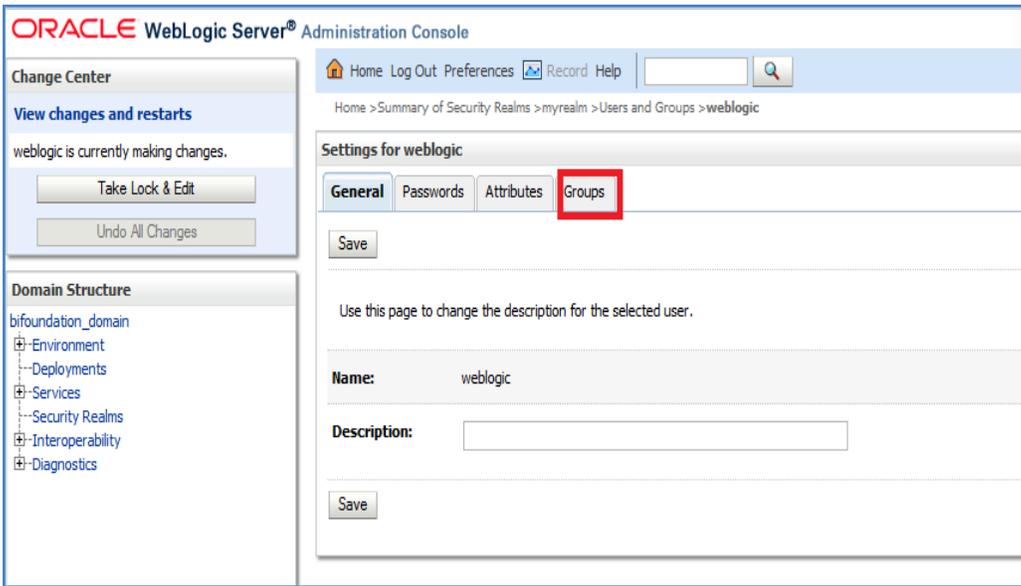
Users

New Delete Showing 1 to 10 of 10 Previous | Next

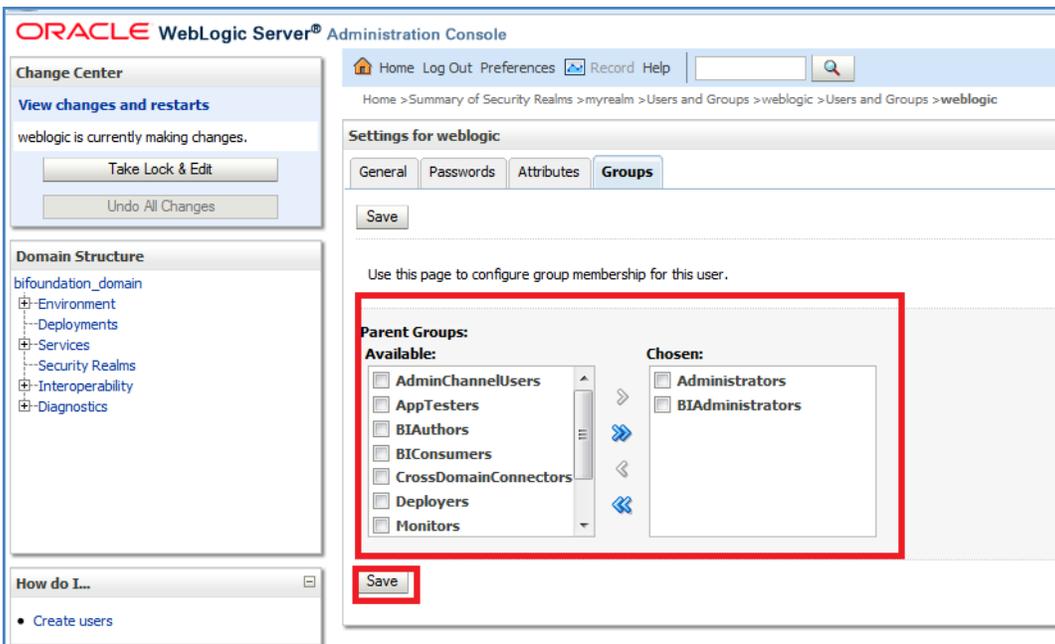
Name	Description	Provider
Administrator		DefaultAuthenticator
BISystemUser	BI System User	DefaultAuthenticator
fcuser		DefaultAuthenticator
fcuser1		DefaultAuthenticator
OracleSystemUser	Oracle application software system user.	DefaultAuthenticator
user1		DefaultAuthenticator
user2		DefaultAuthenticator
user3		DefaultAuthenticator
user4		DefaultAuthenticator
weblogic		DefaultAuthenticator

New Delete Showing 1 to 10 of 10 Previous | Next

9. Next Click on Groups tab



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

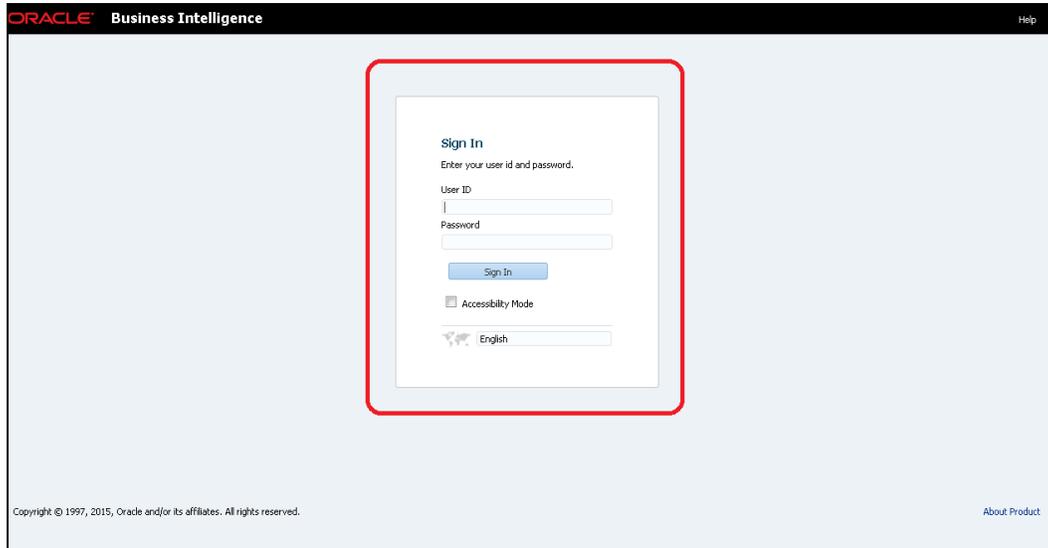


This completes user creation.

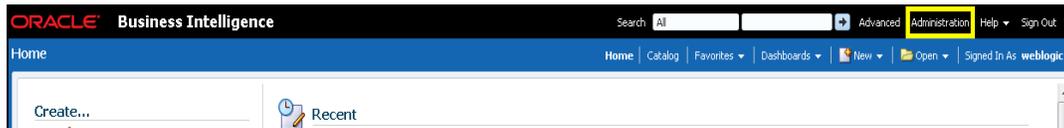
You can logout from here

1.3 Steps to implement access restrictions to user

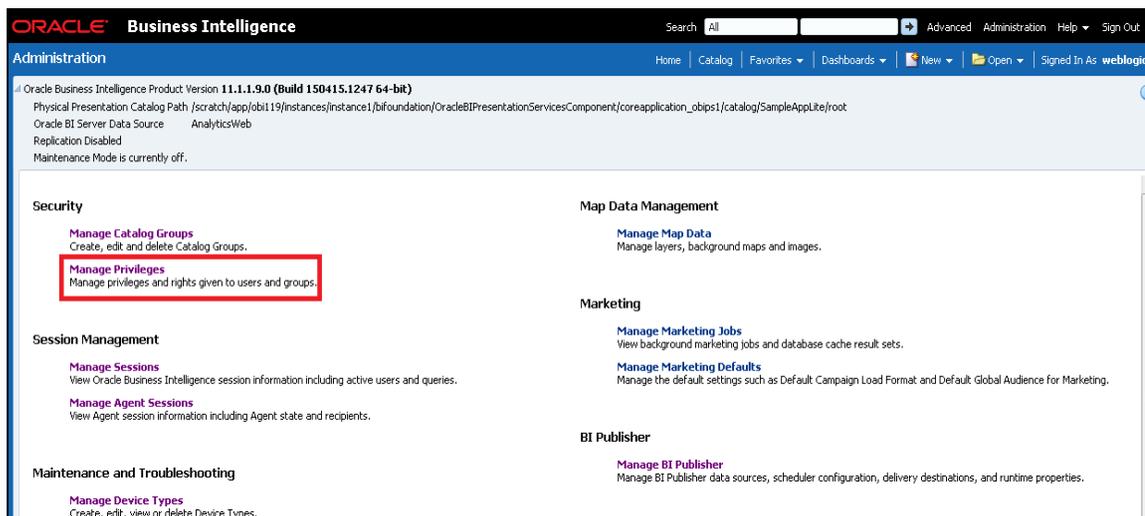
1. Login to OBIEE analytics Url with admin user credentials



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

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
	Access to 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	

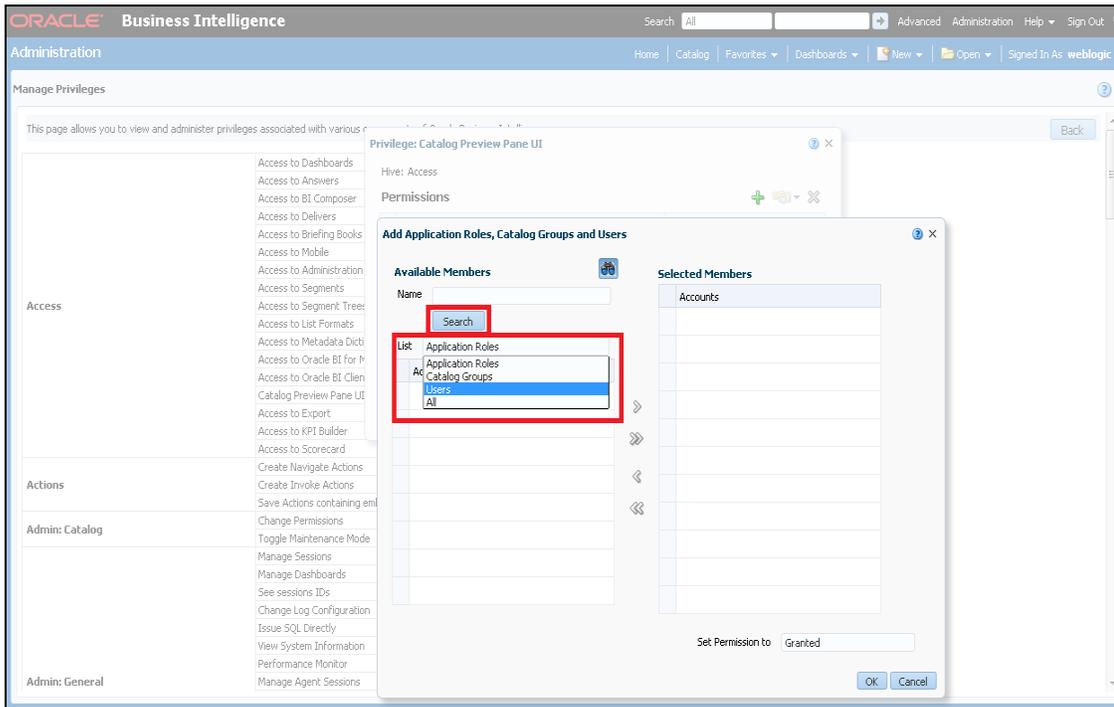
5. Next click on '+' symbol

The screenshot shows the Oracle Business Intelligence Administration console. A modal dialog titled "Privilege: Catalog Preview Pane UI" is open. The dialog contains a "Permissions" table with the following data:

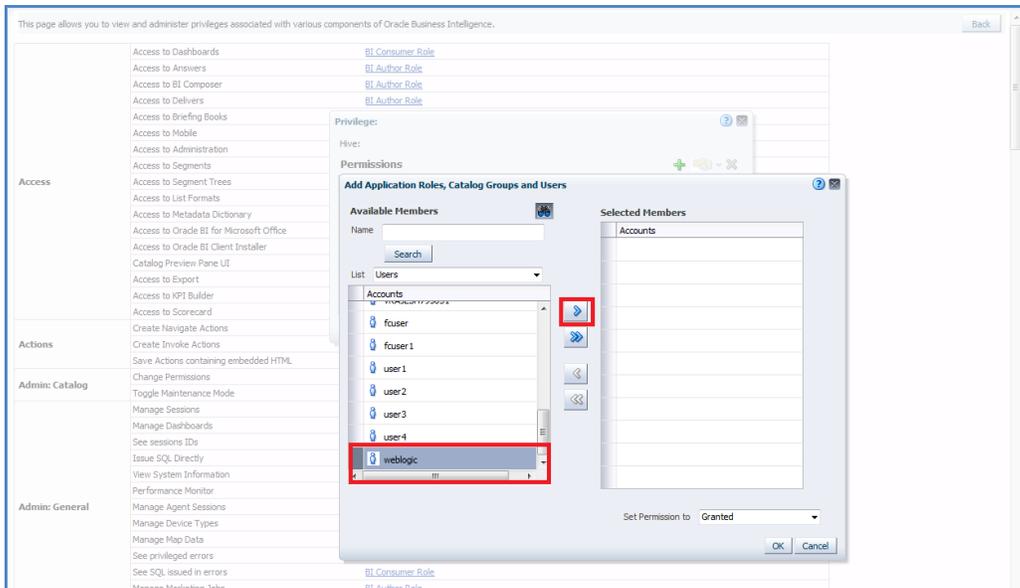
Accounts	Permissions
BI Consumer Role	Granted

A red box highlights a "+" icon in the top right corner of the dialog, indicating where to click to add more permissions.

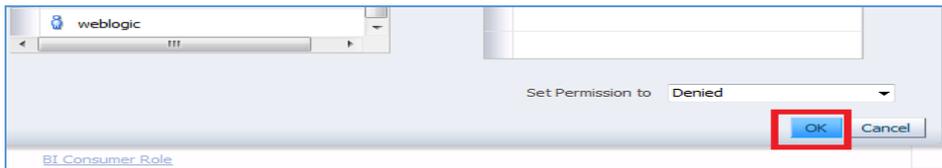
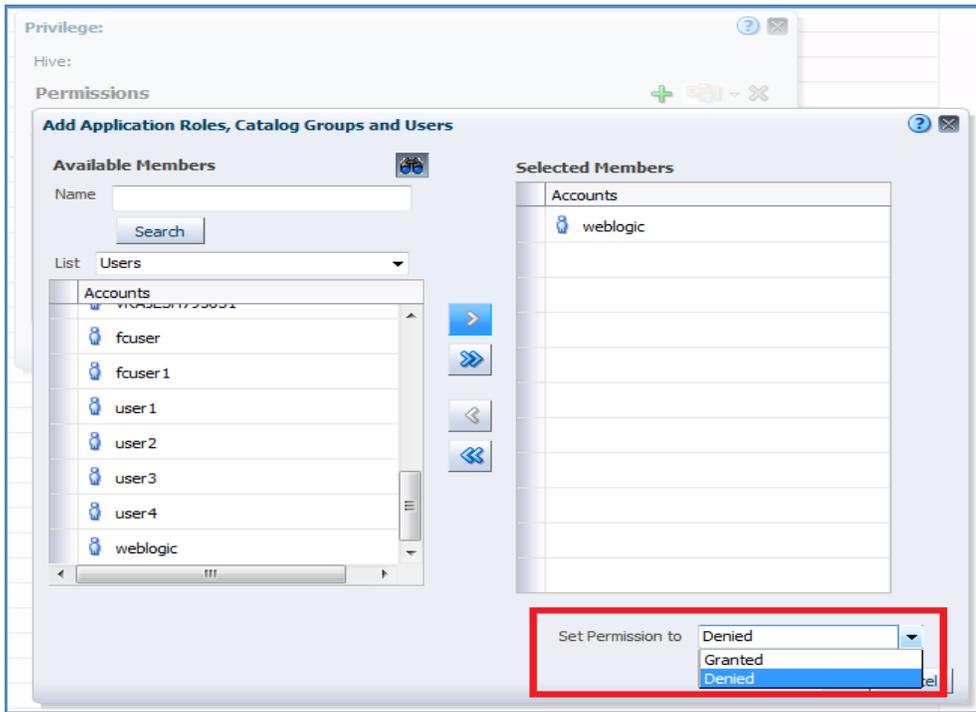
6. Select users from the dropdown shown and click on Search



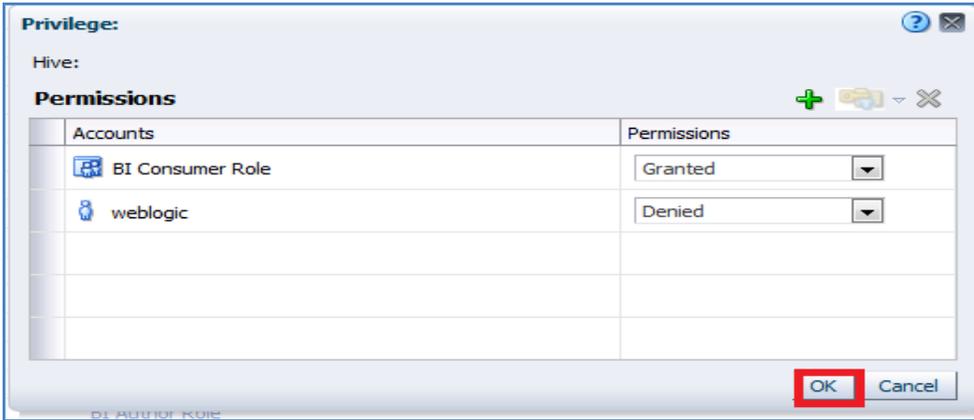
7. Select 'weblogic' user and click on the arrow to move to Selected Members



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

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

Access	Privilege	Role
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 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 XPI 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 Manage Privileges		
RELATES TO PERMISSIONS LISTING		
Briefing Book	Add To or Edit a Briefing Book	BI_Author_Role
	Download Briefing Book	BI_Consumer_Role Denied: weblogic
	Add to snapshot briefing book	BI_Consumer_Role
Catalog	Personal Storage (My Folders and My Dashboard)	BI_Consumer_Role Denied: weblogic
	Reload Metadata	BI_Administrator_Role
	See Hidden Items	BI_Author_Role
	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
Conditions	Perform Extended Search	BI_Author_Role
	Create Conditions	BI_Author_Role
Dashboards	Save Customizations	BI_Consumer_Role Denied: weblogic
	Assign Default Customizations	BI_Author_Role Denied: weblogic
	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

Administration Manage Privileges			
Home and Header	Access Home Page	BI_Consumer_Role Denied: weblogic	
	Access Catalog UI	BI_Consumer_Role Denied: weblogic	
	Access Catalog Search UI	BI_Consumer_Role Denied: weblogic	
	Simple Search Field	BI_Consumer_Role	
	Advanced Search Link	BI_Consumer_Role Denied: weblogic	
	Open Menu	BI_Consumer_Role Denied: weblogic	
	New Menu	BI_Consumer_Role Denied: weblogic	
	Help Menu	BI_Consumer_Role Denied: weblogic	
	Dashboards Menu	BI_Consumer_Role Denied: weblogic	
	Favorites Menu	BI_Consumer_Role	
	My Account Link	BI_Consumer_Role Denied: weblogic	
	Custom Links	BI_Consumer_Role Denied: weblogic	
	My Account	Access to My Account	BI_Consumer_Role Denied: weblogic
		Change Preferences	BI_Consumer_Role
Change Delivery Options		BI_Consumer_Role	

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

Privilege	Role
View Ticker	BI Author Role
View Title	BI Author Role
View Treemap	BI Author Role
View Trellis	BI Author Role
View View Selector	BI Author Role
Write Back	Write Back to Database
	Manage Write Back

Category	Privilege	Role
Delivers	Execute Direct Database Analysis	BI Administrator Role
	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	
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
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 Server file changes

1. Go to the the path mentioned below
[OBIEE_HOME]/instances/instance1/config/OracleBIServerComponent/coreapplication_obis1
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>

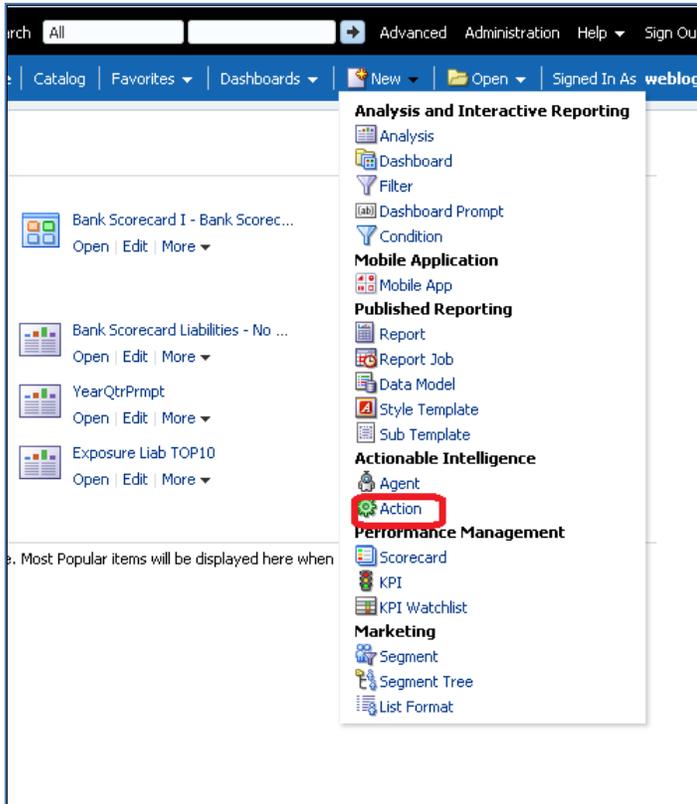
For Example:

```
<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>  
<AsvncLogon>
```

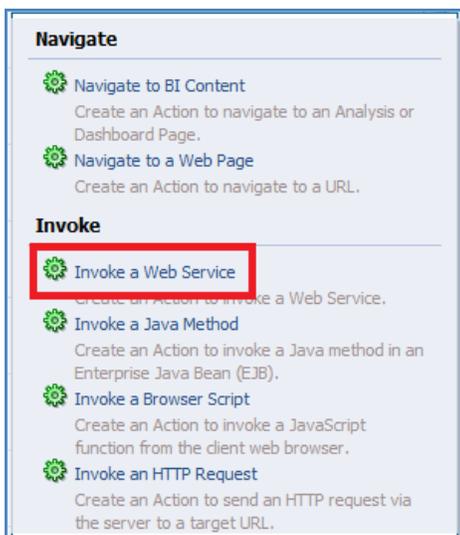
1.6 Creation and Maintenance of BPEL url.

1.6.1 Steps for creation of BPEL URL

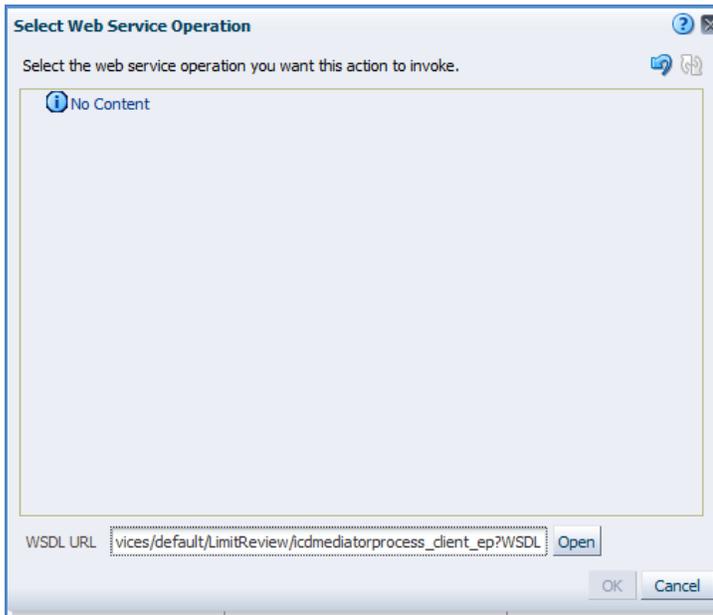
1. To create a BPEL task select the Action from New.



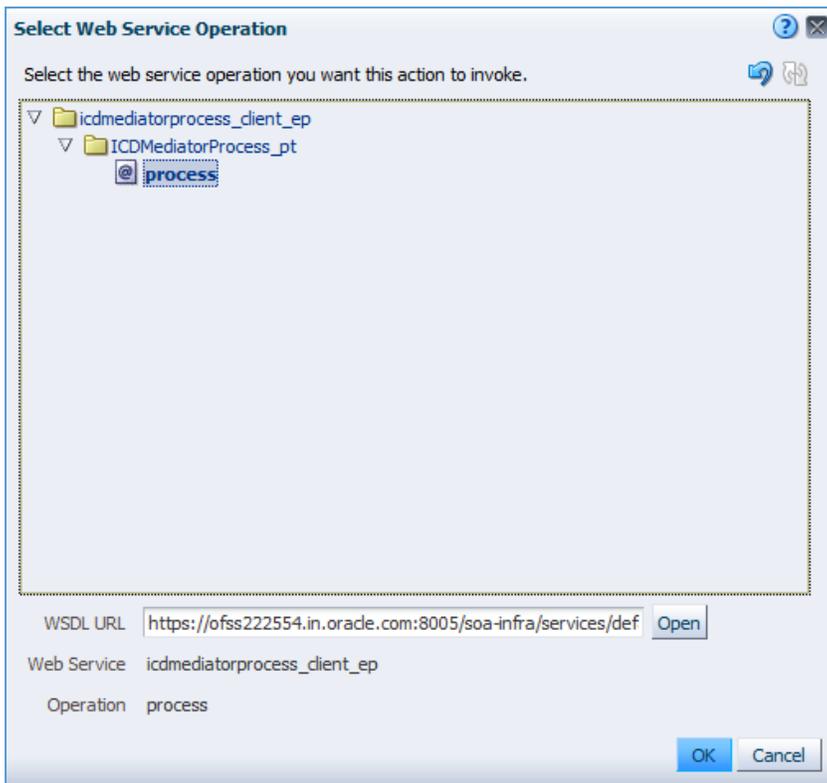
2. Select 'Invoke a Web Service'.



3. Now Enter the WSDL URL and click Open



4. Navigate to the process and select Ok button



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'.

Define Parameters
Enter or select values for the action parameters or map them to BI variables or data.

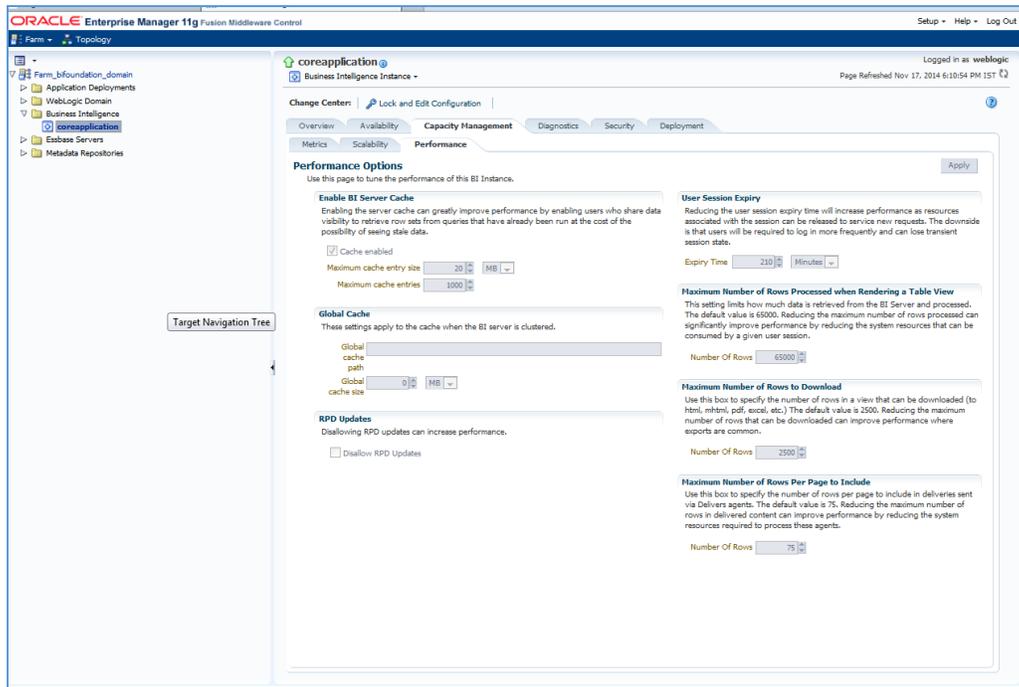
Name	Prompt	Value	Fixed	Hidden	Optional
LimitReviewInput_CUSTOMER---NAME	CUSTOMER---NAME	Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LimitReviewInput_REVIEW---DATE	REVIEW---DATE	Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LimitReviewInput_USERID	USERID	Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LimitReviewInput_ALERT---CODE	ALERT---CODE	Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LimitReviewInput_ALERT---DESC	ALERT---DESC	Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.6.2 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.

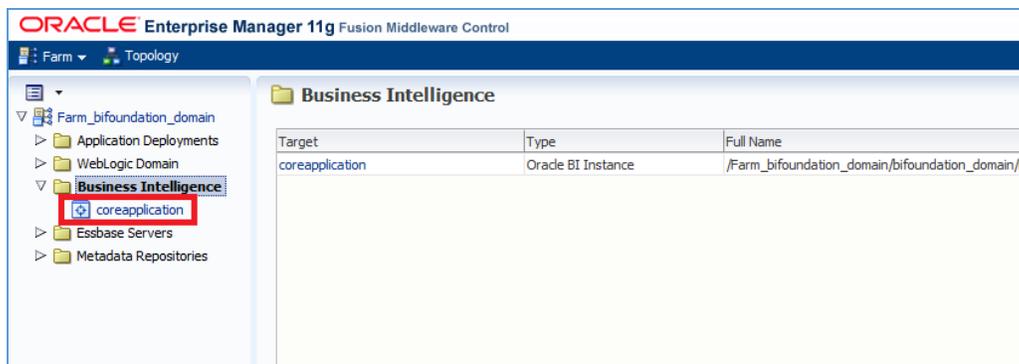
1.7 Disable Cache

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.



1.8 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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Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

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