

BIP Installation Guide

Oracle Financial Services Lending and Leasing

Release 14.4.0.0.0

Part No. E89525-01

October 2017

BIP Installation Guide
October 2017
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1. Preface

This document contains notes and installation steps needed to install and Configure Oracle BI Publisher. Oracle Financial Services Lending and Leasing relies on this software to configure reports and this document is in no way meant to replace Oracle documentation supplied with this Oracle product or available via Oracle technical support. The purpose of this document is only meant to supplement the Oracle documentation and to provide Oracle Financial Services Lending and Leasing specific installation instructions.

For recommendations on security configuration, refer Security Configuration Guide.

BI Publisher installation consists of the following steps.

- [Installing BI Publisher](#)
- [Configuring BI Publisher](#)
- [Creating Unique BI Publisher User](#)
- [Creating BI Publisher Datasource](#)
- [Importing Reports to BI Publisher Server](#)
- [Configure MDB Mail Server](#)

1.1 Prerequisites

The following software are required to install Oracle Financial Services Lending and Leasing application and they are available from the following sources:

- Oracle Software Delivery Cloud (<http://edelivery.oracle.com/>)
 - Oracle Technology Network (OTN)
1. JDK Version 1.8.0_144 or above (<http://www.oracle.com/technetwork/java/javase/downloads/index.html>)
 2. Oracle WebLogic Server 12c Version 12.2.1.3.0
<http://www.oracle.com/technetwork/middleware/weblogic/downloads/wls-main-097127.html>)
 3. Oracle BI Publisher Version BI 12.2.1.3.0
<http://www.oracle.com/technetwork/middleware/bi-publisher/downloads/index.html>

Note

Please use all 64-bit software's for machine hosted with 64-bit O/S.

1.2 Audience

This document is intended for system administrators or application developers who are installing Oracle Financial Services Lending and Leasing Application.

Conventions Used

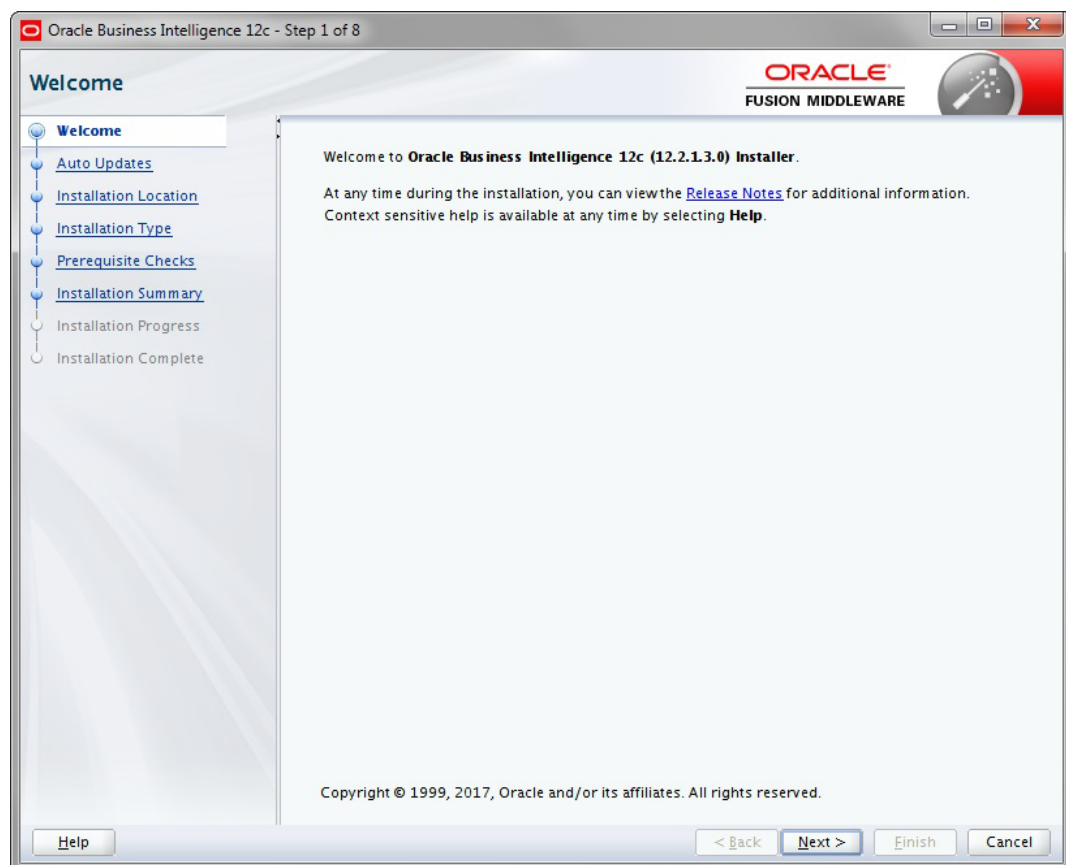
Term	Refers to
Home Directory/ \$OFSLL_HOME	Oracle Financial Services Lending and Leasing Home Directory

2. Installing BI Publisher

2.1 Installing BI Publisher

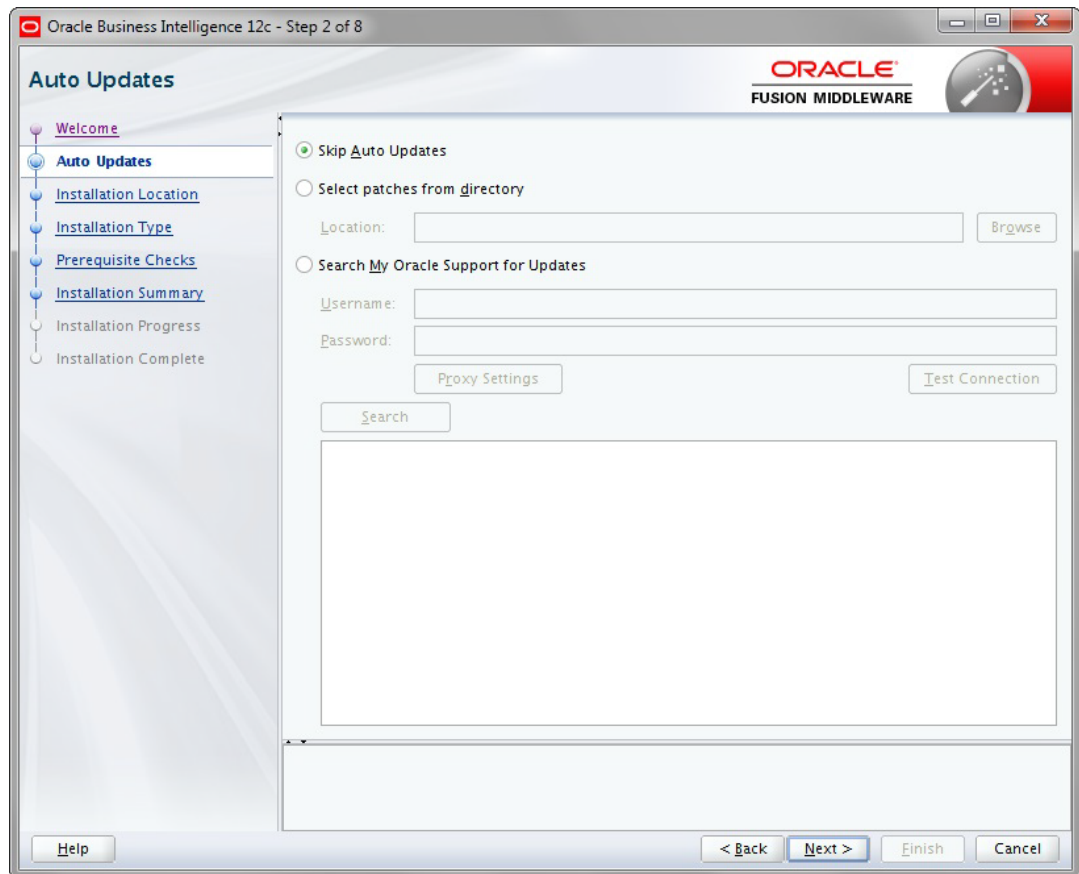
Follow the below steps to install BI publisher:

1. Download and unzip all the software related to OBIEE (2 zip files).
 - fmw_12.2.1.3.0_bi_linux64_Disk1_1of2.zip
 - fmw_12.2.1.3.0_bi_linux64_Disk1_2of2.zip
2. Navigate to bin file
3. Run ./bi_platform-12.2.1.3.0_linux64.bin
4. The following window is displayed.



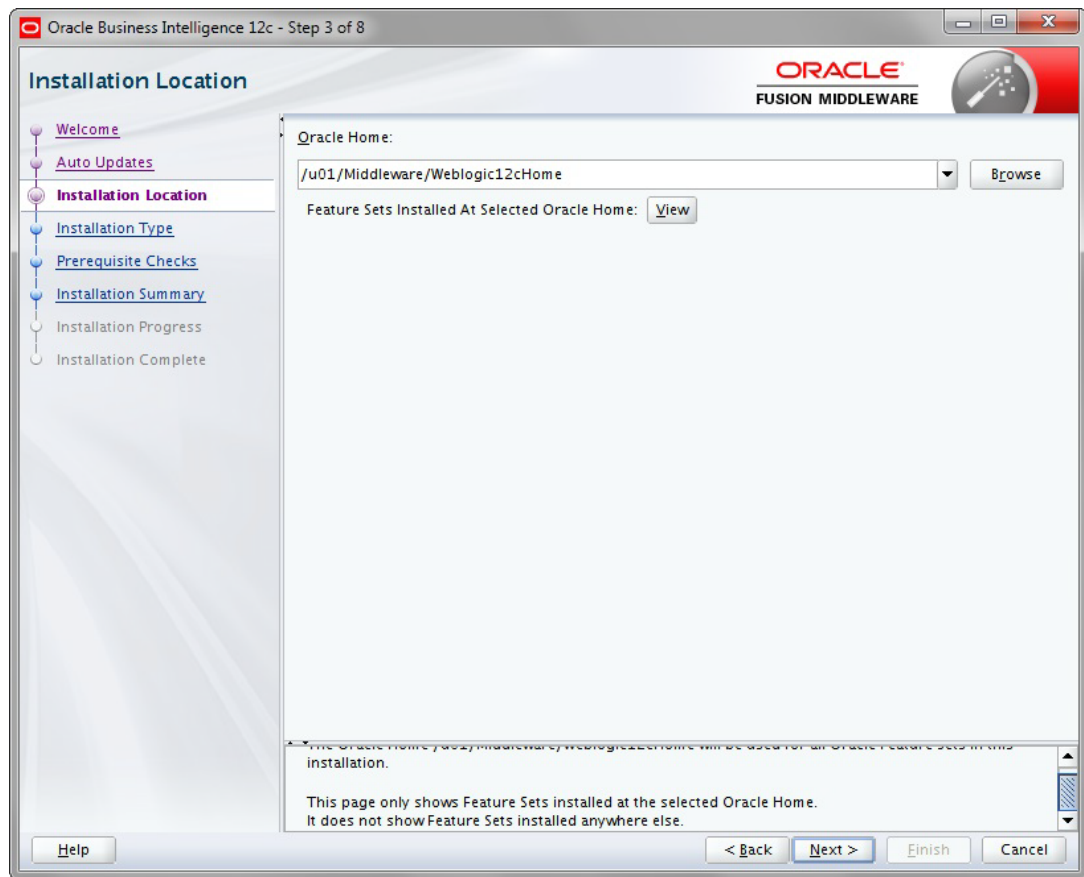
5. Click 'Next'. The following window is displayed.

6. Select the option 'Skip Software Updates'.

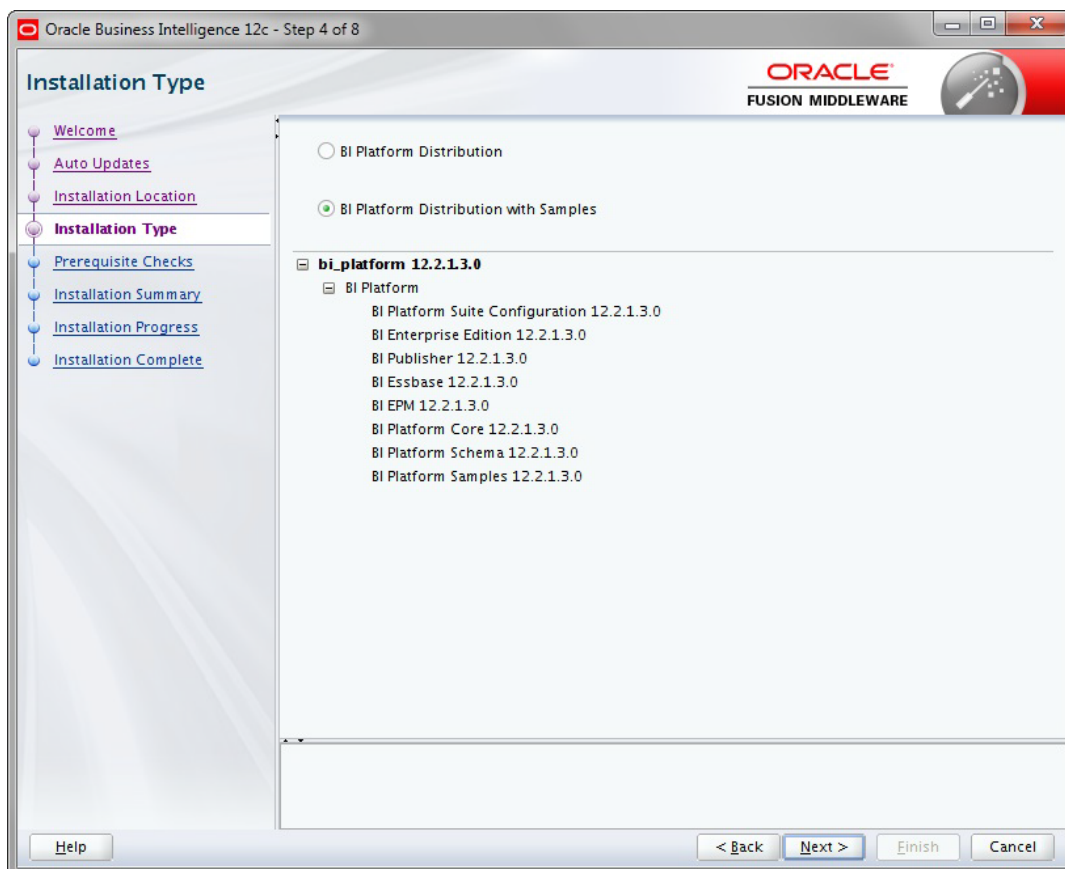


7. Click 'Next'. The following window is displayed.

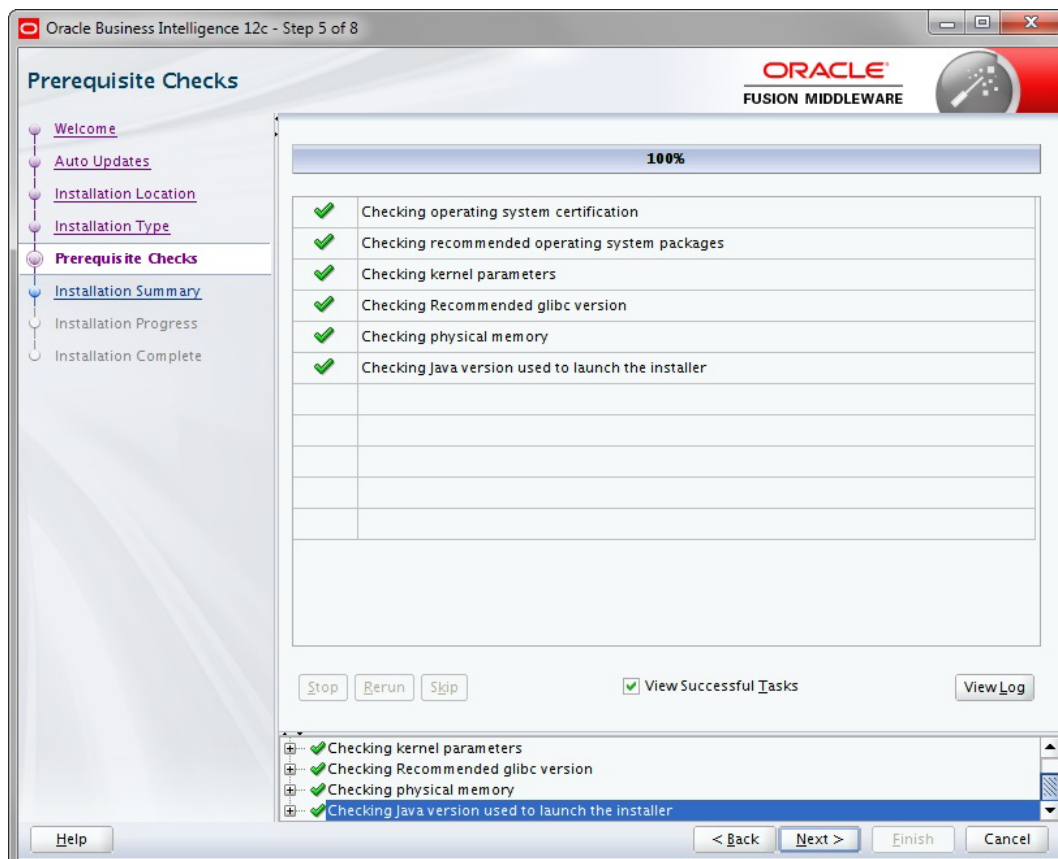
8. Browse Oracle Middleware Home path (for example /u01/Middleware/Weblogic12cHome) and click 'Next'.



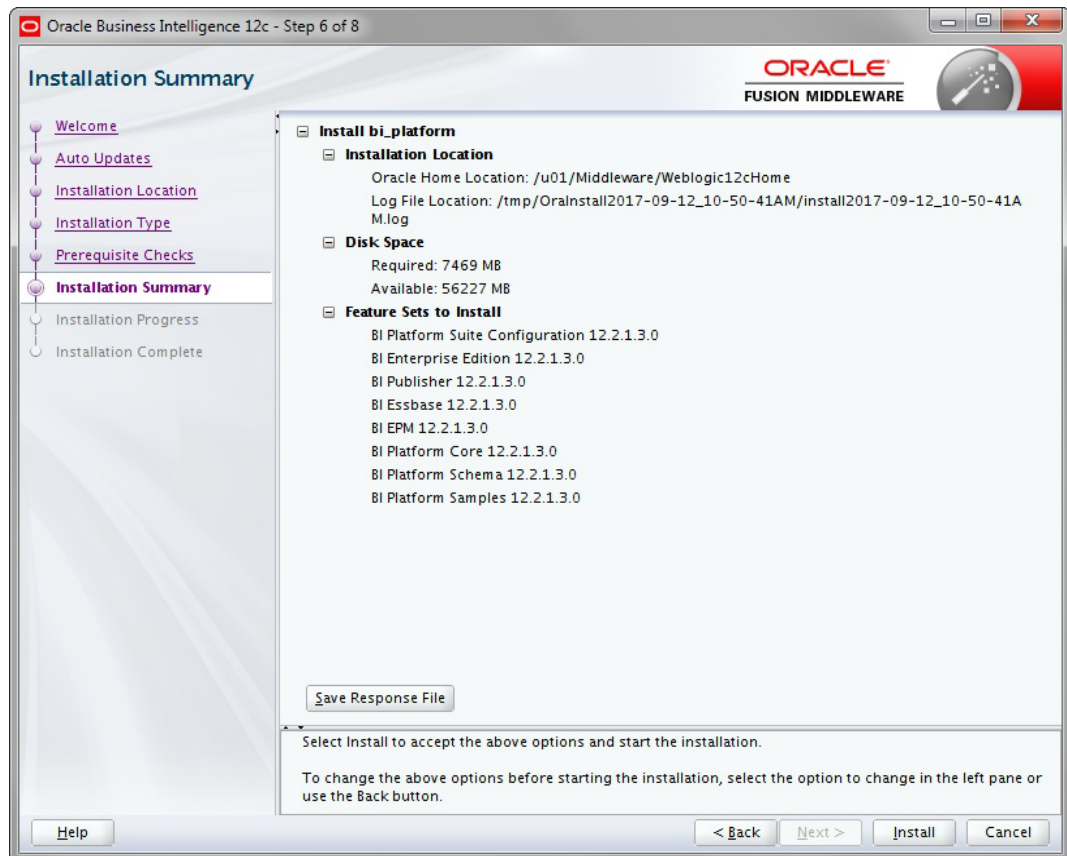
9. Select the option 'BI Platform Distribution with Samples' and click 'Next'.



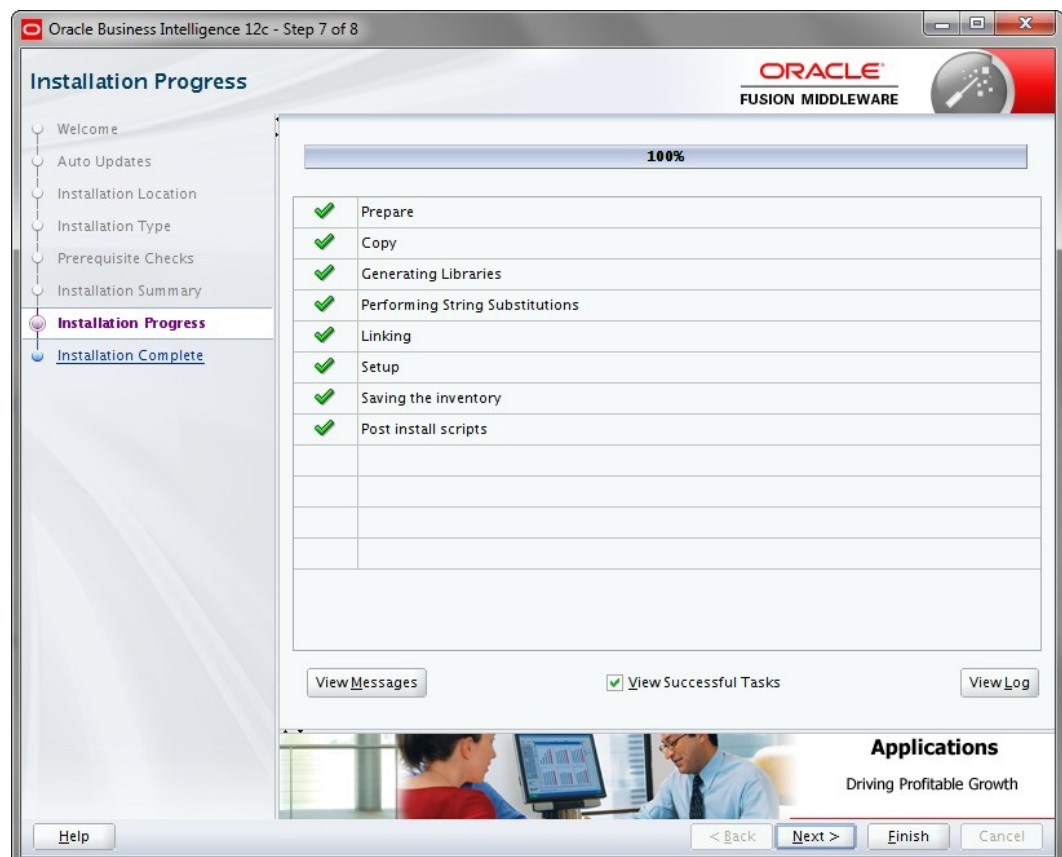
10. The following window is displayed. Click 'Next'.



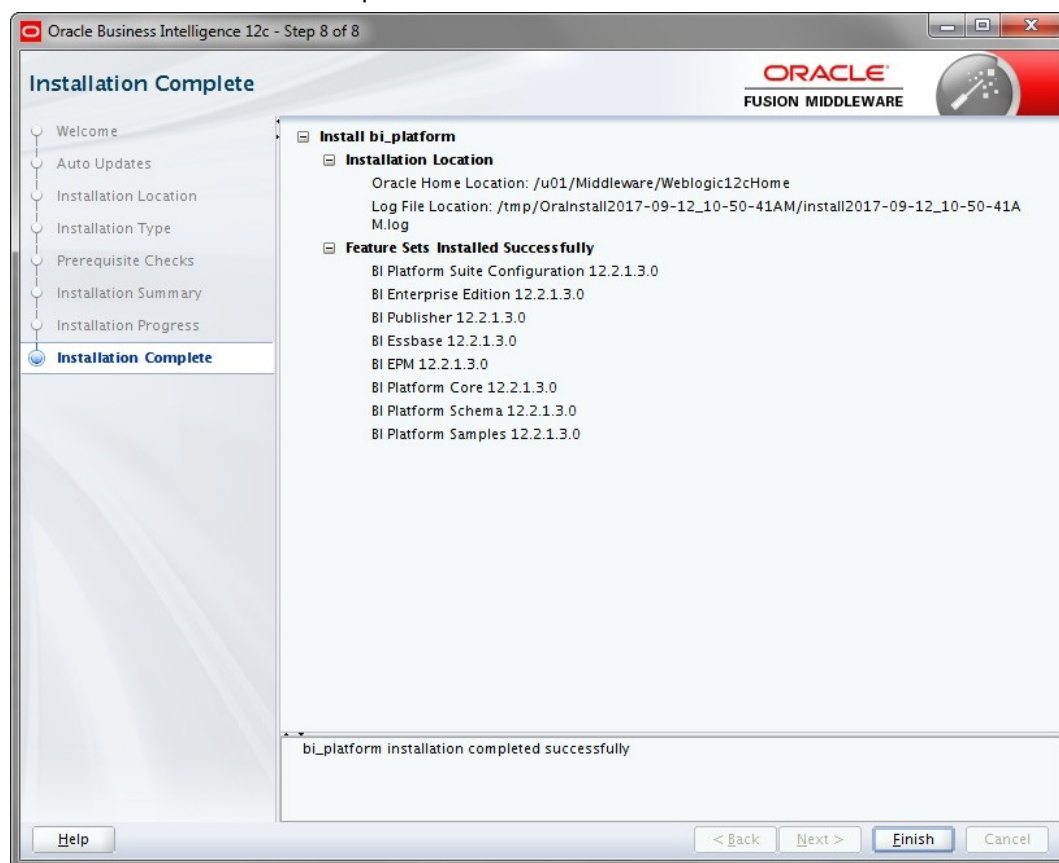
11. The following window is displayed. Click 'Install'.



12. The following window is displayed. Click 'Next'.



13. Once the installation is complete click 'Finish' to close.



3. Configuring BI Publisher

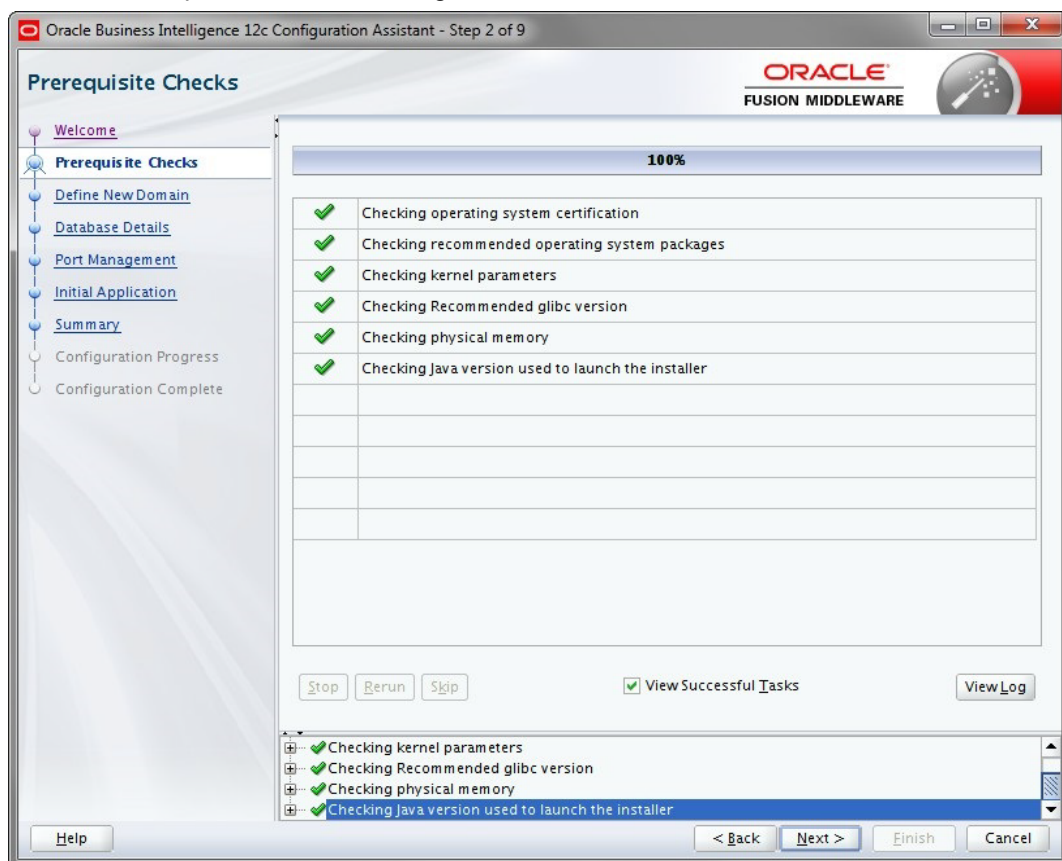
After installing BI Publisher, the next step is to configure BIP.

To configure BIP

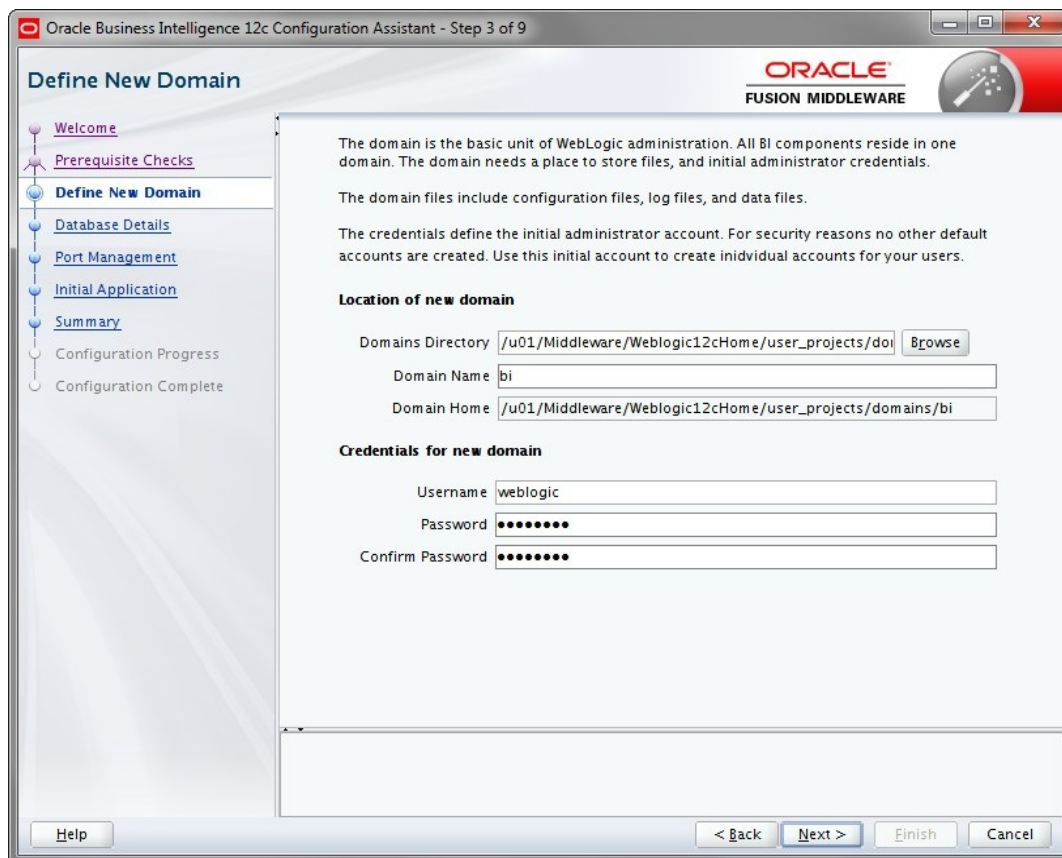
1. Launch configuration window and browse to \$BI_HOME/bin (for example, BI_HOME is /u01/Middleware/Weblogic12cHome/bi).
2. Run ./config.sh. The following window is displayed.



3. Select the option 'Business Intelligence Publisher' and Click 'Next'.



4. Click 'Next'. The following window is displayed.



5. Enter the User Name, Password and Domain Name for BI Publisher domain. Click 'Next'. The following window is displayed.

The screenshot shows the 'Database Schema' window in the Oracle Business Intelligence 12c Configuration Assistant. The window title is 'Oracle Business Intelligence 12c Configuration Assistant - Step 4 of 9'. The Oracle logo and 'FUSION MIDDLEWARE' text are in the top right. A left-hand navigation pane lists steps: Welcome, Prerequisite Checks, Define New Domain, Database Details (selected), Port Management, Initial Application, Summary, Configuration Progress, and Configuration Complete. The main area contains text explaining that database schemas are required for internal housekeeping information and that the simplest option is to create new schemas here. Below this, the 'Create new schemas' option is selected with a radio button. Fields for configuration include: Schema prefix (OFSLL), Schema password (masked with dots), Confirm schema password (masked with dots), Database type (Oracle Database dropdown), Username (sys), Password (masked with dots), and Simple connect string (ofssl.in.oracle.com:1521:ORCL). The 'Use existing schemas' option is unselected. At the bottom are buttons for Help, < Back, Next >, Finish, and Cancel.

6. Select the option 'Create New Schema' and specify the Schema prefix, Schema password, database type, user name, password, simple connect string.

7. Click 'Next'. The following window is displayed.

Oracle Business Intelligence 12c Configuration Assistant - Step 5 of 9

Port Range

Choose the port range for BI and WLS processes to use.

Port Range

Port Range Starting Port: 7500

Port Range End Port: 7999

Help < Back Next > Finish Cancel

8. Click 'Next'. The following window is displayed.

Oracle Business Intelligence 12c Configuration Assistant - Step 6 of 9

Initial Application

Choose the application that will be installed into your initial service instance. This can be the default sample application, an application archive exported from another BI installation or you can choose to start with a clean slate.

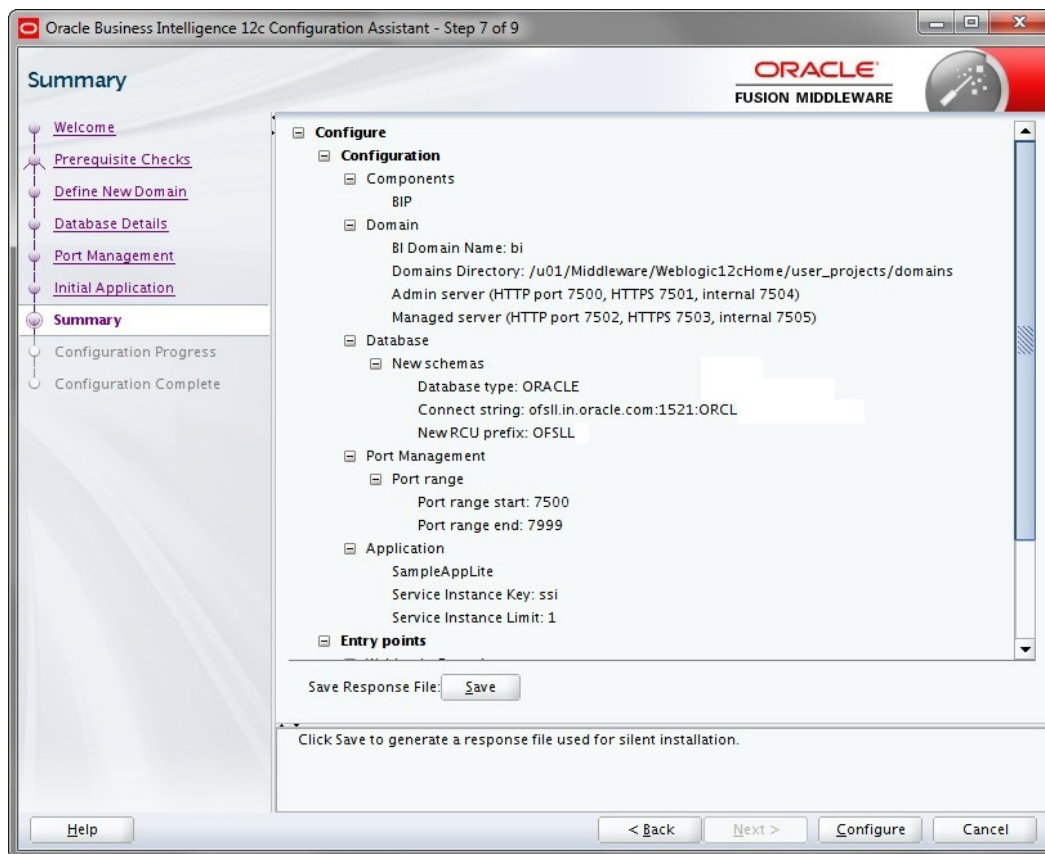
☒ Oracle sample application (SampleAppLite)

☐ Your own existing BI Application from export bundle (.jar file)

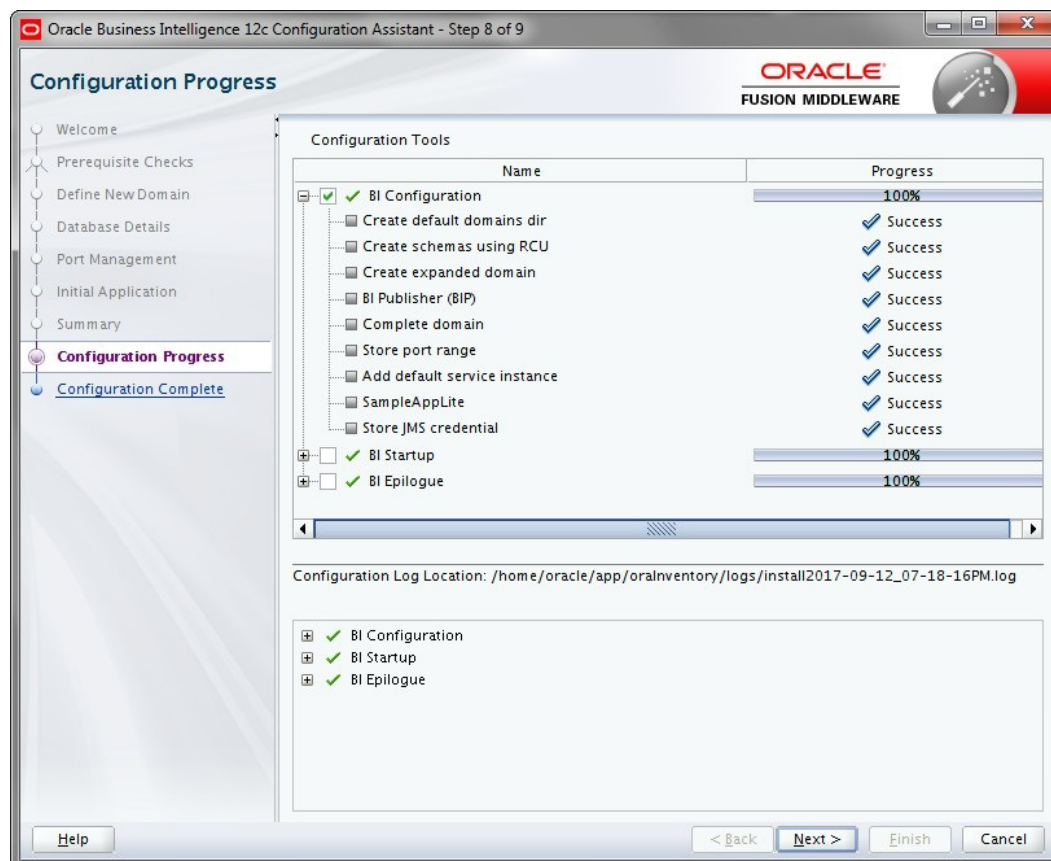
☐ Clean Slate (no predefined application)

Help < Back Next > Finish Cancel

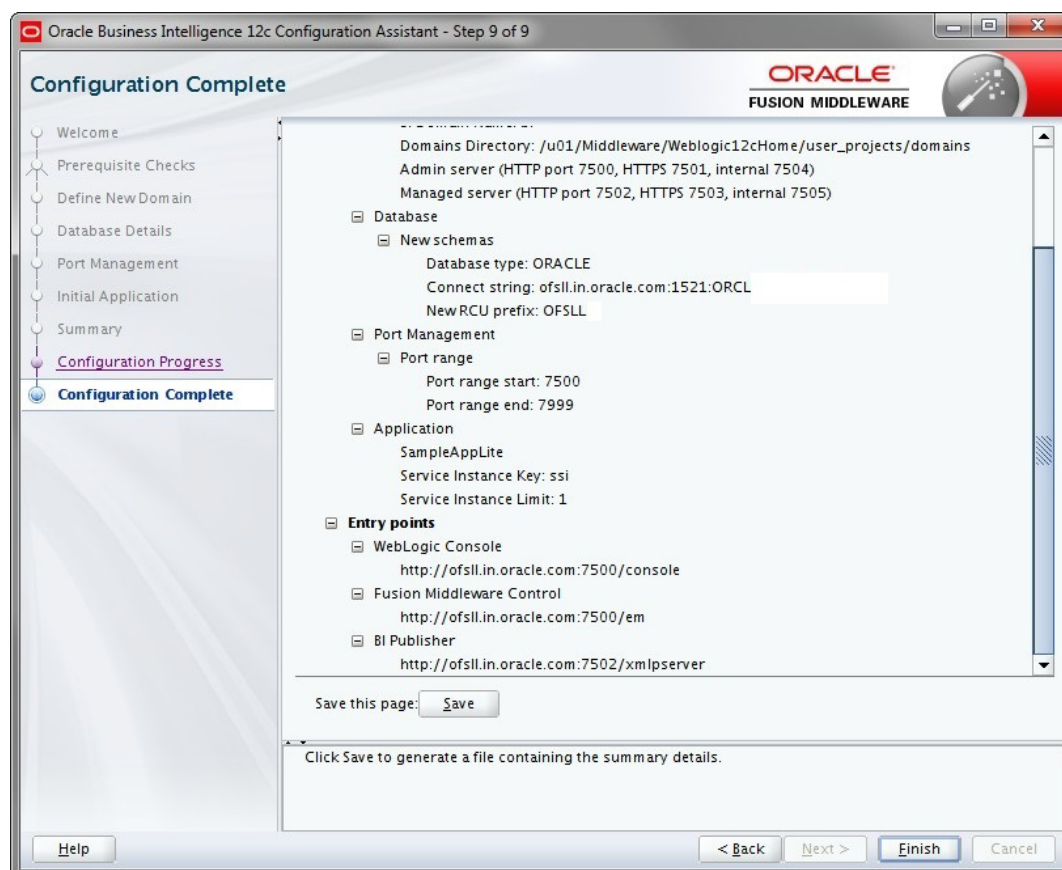
9. Click 'Next'. The following window is displayed.



10. Click 'Configure'. The following window is displayed.



11. Click 'Next'. The following window is displayed



12. Click 'Save' and save the Response File.

13. Click 'Finish'. The application will create a new domain for BI Publisher with the details as highlighted in the above screen.

3.1 Verifying Successful BIP Deployment

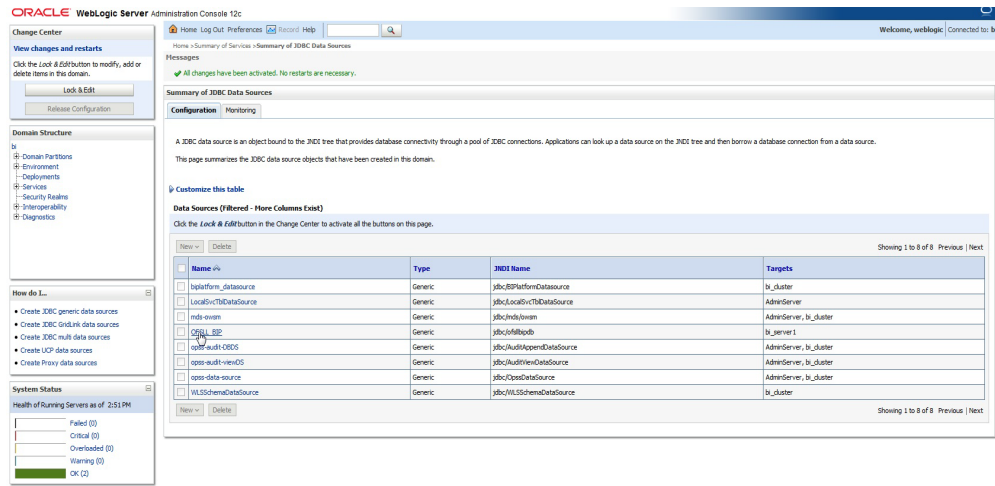
Successful BIP deployment can be verified by Launching the BIP URL <http://hostname:7502/xmlpserver>.

4. Creating BI Publisher Datasource

To create BI Publisher Datasource, do the following:

- On BI Publisher Domain, create Data Source with JNDI as 'jdbc/ofsllbipdb' and select the Database Driver as 'Oracle's Driver(Thin) for Instance connections; Versions:Any'.
- Target the datasources to 'bi_server1'

1. Access the weblogic console URL using <http://hostname:port/console>.



Oracle WebLogic Server Administration Console 12c

Home Log Out Preferences Help

Messages

✓ All changes have been activated. No restarts are necessary.

Summary of JDBC Data Sources

Configuration Monitoring

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source. This page summarizes the JDBC data source objects that have been created in the domain.

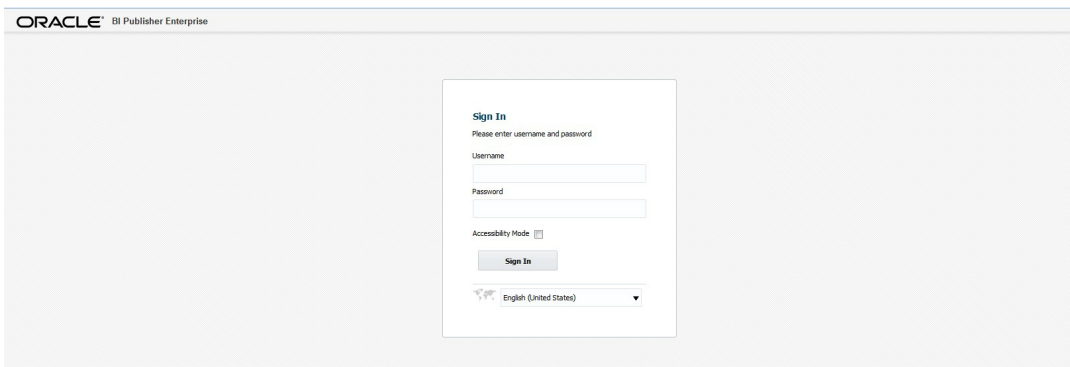
Customize this table

Data Sources (Filtered - More Columns Expand)

Click the Lock & Edit button in the Change Center to activate all the buttons on this page.

Name	Type	JNDI Name	Targets
biplatform_datasource	Generic	jdbc/BiPlatformDataSource	bi_cluster
LocalFileTheDataSource	Generic	jdbc/LocalFileTheDataSource	AdminServer
mds-own	Generic	jdbc/mds/own	AdminServer_bi_cluster
OFSLB_IP	Generic	jdbc/ofsllbipdb	bi_server1
opss-audit-viewOS	Generic	jdbc/AuditAppenDataSource	AdminServer_bi_cluster
opss-audit-viewOS	Generic	jdbc/AuditAppenDataSource	AdminServer_bi_cluster
opss-data-source	Generic	jdbc/OpssDataSource	AdminServer_bi_cluster
WLSSchemaDataSource	Generic	jdbc/WLSSchemaDataSource	bi_cluster

2. Launch <http://hostname:port/xmlpserver>. The following window is displayed.



ORACLE BI Publisher Enterprise

Sign In

Please enter username and password

Username

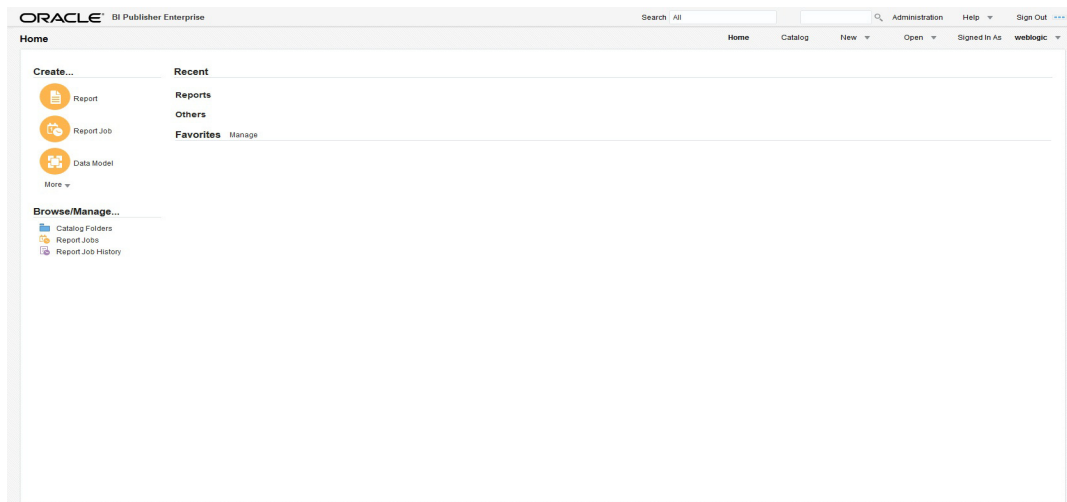
Password

Accessibility Mode ☐

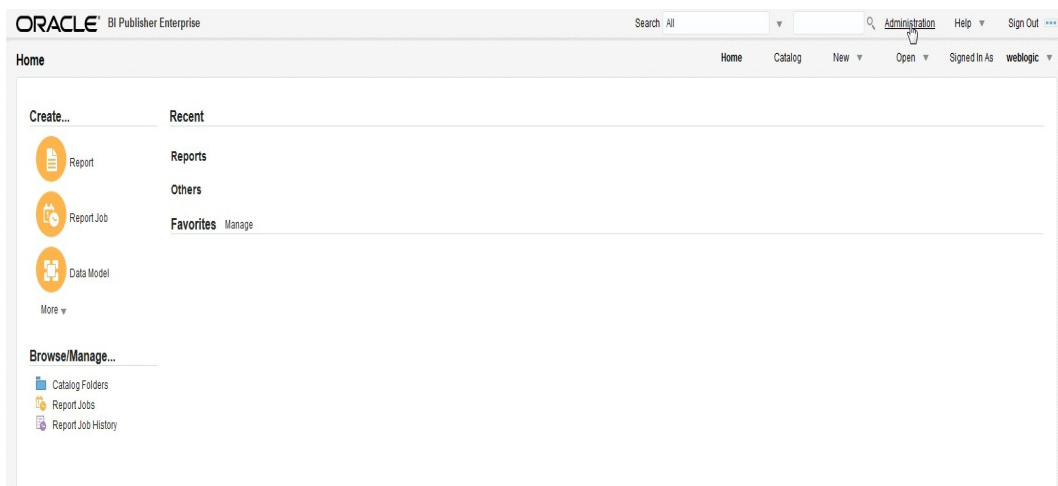
Sign In

English (United States)

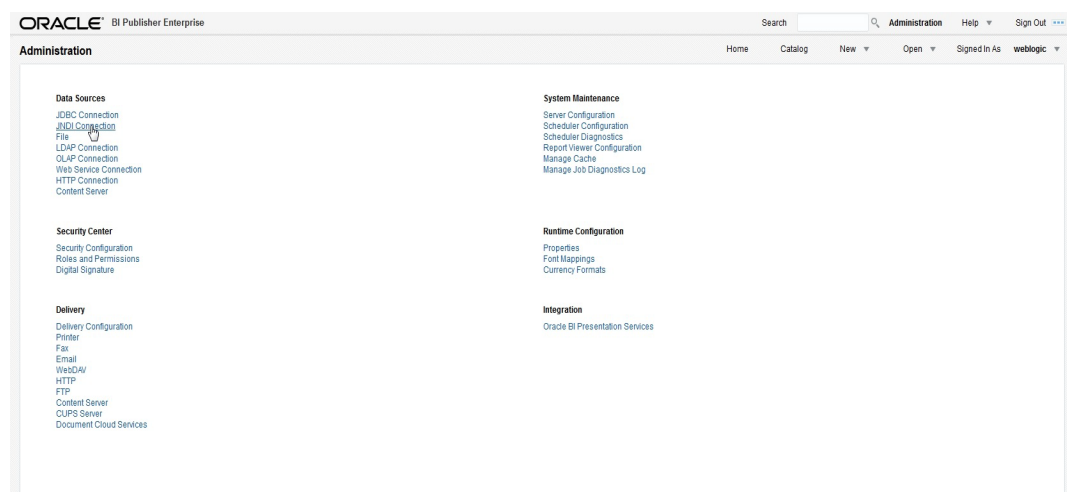
3. Login using the same credentials used for 'WebLogic administration' console login. The following window is displayed.



4. Click 'Administration' in the header section. The following window is displayed.



5. Click 'JNDI Connection'.



6. The following window is displayed.

The screenshot shows the Oracle BI Publisher Administration console. The breadcrumb navigation is 'Administration > JNDI > Add Data Source'. A confirmation message at the top states 'Confirmation: Connection established successfully.' Below this, the 'Add Data Source' window has two tabs: 'General' and 'Security'. The 'General' tab contains fields for 'Data Source Name' (FLLReportsPool), 'JNDI Name' (jdbc/ofsllbipdb), 'Pre Process Function', and 'Post Process Function'. There is a checkbox for 'Use Proxy Authentication' and a 'Test Connection' button. The 'Security' tab is partially visible, showing 'Available Roles' and 'Allowed Roles' lists.

7. Add the following details:

- Specify Data Source Name as 'FLLReportsPool' and JNDI Name as 'jdbc/ofsllbipdb'.
- Under 'Security' section, select 'BI Author Role' and 'BI Consumer Role' from Available Roles and assign them as Allowed Roles.

Note

If "BI Author" and "BI Consumer" roles are not displayed in the 'Available Roles' section, you need to create the roles as explained in following 'Creating Roles' section.

8. Click 'Apply'.

4.1 Creating Roles

The following section details the steps to be followed to create "BI Author" and "BI Consumer" roles which are used to define security roles while creating Data Source on BI Publisher Domain.

To create WebLogic Application Role

1. Login to Enterprise Manager using the URL - <http://hostname:port/em>.
2. Select Weblogic Domain > Security > Application Roles as indicated in the following screen.

The screenshot shows the Oracle Enterprise Manager console. The breadcrumb navigation is 'WebLogic Domain > Security > Application Roles'. The 'AdminServer' is selected. The table below lists the application roles.

Name	Status	Cluster	Mach	State	Health	Uti Po	CPU Usage (%)	Mem Usag (M)
(admin)	↑			Running	OK	96%	0.00	755.1
bi_cluster	↑	bi_cluster	m...	Running	OK	96%	0.00	336.6

3. In the Application Stripe field, select 'obi' from the drop-down list. The option 'BIServiceAdministrator' is added by default. Click 'Create'.

Application Roles

Application roles are the roles used by security aware applications that are specific to the application. These roles are seeded by applications in single global policy store when the applications are registered. These are also application roles that are created in the context of end users application.

➤ To manage users and groups in the WebLogic Domain, use the [Oracle WebLogic Server Security Provider](#)

➤ Policy Store Provider

🔍 Search

Select an application and enter a search keyword for the role name to search for roles defined by this application. Use the application stripe to search if the application uses a stripe that is different from the application name.

Application Stripe: obi

Role Name: Starts With

View ▾ Create... Create Like... Edit... Delete...

Role Name	Display Name	Description
BIServiceAdministrator	BI Service Administrator	This role confers privileges required to administer a service instance.

Membership for BIServiceAdministrator

Principal	Display Name	Type	Description
weblogic	weblogic	User	This user is the default administrator.

4. Specify the following details:

- Role Name
- Display Name
- Description

Create Application Role

Role (or Enterprise Role) is the group of users designed at the enterprise level and typically used to assign a privilege or permission. A role can also contain other roles as members.

OK Cancel

General

Application Stripe: obi

* Role Name: BIConsumer

Display Name: BIConsumer

Description: The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Members

An application role may need to be mapped to users or groups defined in enterprise LDAP server, or the role can be mapped to other application roles.

View ▾ Add... Delete... Detach

Name	Display Name	Type
No groups or application roles added.		

5. Click 'Add' to add the application role to the members family. The same can later be mapped to required Users or Groups defined in Enterprise LDAP server, or the role can be mapped to other application roles.

Create Application Role

Role (or Enterprise Role) is the group of users designed at the enterprise level and typically used to assign a privilege or permission. A role can also contain other roles as members.

OK Cancel

General

Add Principal

Specify criteria to search and select the application roles that you want to grant permissions to.

🔍 Search

Type: User

Principal Name: Starts With

Display Name: Starts With

Searched Principals

View ▾ Detach

Principal	Display Name	Description
LCMUser		This is the default service account for WebLogic Server Lifecycle Manager configuration updates.
OracleSystemUser		Oracle application software system user.
weblogic		This user is the default administrator.

Advanced Option

☐ Check to enter principal name here instead of searching from above. This option can be used for advanced scenarios related to custom authenticators.

OK Cancel

6. Add the Weblogic User by selecting “weblogic” in the ‘Searched Principals’ section and click ‘OK’. The Weblogic User is added to the application role.

Create Application Role

Role (or Enterprise Role) is the group of users designed at the enterprise level and typically used to assign a privilege or permission. A role can also contain other roles as members.

General

Application Stripe: obi

Role Name: BIConsumer

Display Name: BIConsumer

Description: The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Members

An application role may need to be mapped to users or groups defined in enterprise LDAP server or the role can be mapped to other application roles.

Name	Display Name	Type
weblogic		User

7. Click ‘OK’. The new role is added to the list of application roles.

Application Roles

Application roles are the roles used by security aware applications that are specific to the application. These roles are seeded by applications in single global policy store when the applications are registered. These are also application roles that are created in the context of end users accessing the application.

To manage users and groups in the WebLogic Domain, use the [Oracle WebLogic Server Security Provider](#).

Search

Select an application and enter a search keyword for the role name to search for roles defined by this application. Use the application stripe to search if the application uses a stripe that is different from the application name.

Application Stripe: obi

Role Name	Display Name	Description
BIServiceAdministrator	BI Service Administrator	This role confers privileges required to administer a service instance.
BIConsumer	BIConsumer	The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Membership for BIServiceAdministrator

Principal	Display Name	Type	Description
weblogic	weblogic	User	This user is the default administrator.

To Create WebLogic Application Policies

1. Login to Enterprise Manager using the URL - <http://hostname:port/em>.
2. Select Weblogic Domain > Security > Application Policies as indicated in the following screen:

WebLogic Domain

- Home
- Monitoring
- Diagnostics
- Control
- Logs
- Environment
- Deployments
- JDBC Data Sources
- Messaging
- Cross Component Wiring
- Web Services
- Other Services
- Administration
- Refresh WebLogic Domain
- Security
- System MBean Browser
- WebLogic Server Administration Console
- Target Site Map
- Target Information
- Principal
- Display Name
- weblogic
- weblogic

Security

- Security Realms
- Users and Groups
- Credentials
- Security Provider Configuration
- Application Policies
- Application Roles
- Keystore
- System Policies
- Audit Policy

3. In the Application Stripe field, select 'obi' from the drop-down list. Click 'Create'.

Application Policies

Application policies are the authorization policies that an application relies upon for controlling access to its resources.
To manage users and groups in the WebLogic Domain, use the [Oracle WebLogic Server Security Provider](#).

Policy Store Provider

Search

Select an application and enter the search keyword for principals or permissions to query application security grants. Use the application stripe to search if the application uses a stripe that is different from the application name.

Application Stripe: obi

Principal Type: Application Role

Principal Name: Starts With:

View Create... Create Like... Edit... Delete...

Principal	Display Name	Description
BIServiceAdministrator	BI Service Administrator	

Policies for BIServiceAdministrator

Permissions

Resource Name	Resource Type	Permission Actions	Permission Class	Permission Set
oracle.bi.publisher.administerServer	oracle.bi.publisher.perm...	_all_		bip.administrator

4. In 'Create Application Grant' screen, under the Grantee section, click 'Add'.

Create Application Grant

For managing an application policy, select a particular grantee and attach a permission to it.

Application Stripe: obi

Grantee

Select the grantees (user, group or application role) you want to add to the policy.

View Add Delete... Detach

Name	Display Name	Type	Description
No users or groups added.			

Permissions

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

View Add Edit... Delete... Detach

Permission Class	Resource Name	Re Permission Ty Actions	Permission Set
No permissions added.			

5. Select the newly created application role from the list and click 'OK'. The new role is added to the list.

Create Application Grant

For managing an application policy, select a particular grantee and attach a permission to it.

Application Stripe: obi

Grantee

Select the grantees (user, group or application role) you want to add to the policy.

View Add Delete... Detach

No users or groups added.

Permissions

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

View Add Edit... Delete... Detach

No permissions added.

Add Principal

Specify criteria to search and select the application roles that you want to grant permissions to.

Search

Type: Application Role

Principal Name: Starts With:

Display Name: Starts With:

Searched Principals

View Detach

Principal	Display Name	Description
anonymous-role	Anonymous Role	
authenticated-role	Authenticated Role	
BIConsumer	BIConsumer	The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.
BIServiceAdministrator	BI Service Administrator	This role confers privileges required to administer a service instance.

OK Cancel

6. In the 'Permissions' section, click 'Add'.

Create Application Grant

For managing an application policy, select a particular grantee and attach a permission to it.

Application Stripe: obi

Grantee

Select the grantees (user, group or application role) you want to add to the policy.

View ▾ + Add ✕ Delete... ⚙ Detach

Name	Display Name	Type	Description
BIConsumer	BIConsumer	Application Role	The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Permissions

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

View ▾ + Add ✕ Edit... ✕ Delete... ⚙ Detach

Permission Class	Resource Name	Re Permission Ty Actions	Permission Set
No permissions added.			

7. In the search criteria, select 'Resource Type' and select the resource type from the drop-down list. Select the required resource from the search results and click 'Continue'.

Create Application Grant

For managing an application policy, select a particular grantee and attach a permission to it.

Application Stripe: obi

Grantee

Select the grantees (user, group or application role) you want to add to the policy.

View ▾ + Add ✕ Delete... ⚙ Detach

Name	Display Name	Type	Description
BIConsumer	BIConsumer	Application Role	The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Permissions

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

View ▾ + Add ✕ Edit... ✕ Delete... ⚙ Detach

Permission Class	Resource Name	Re Permission Ty Actions	Permission Set
No permissions added.			

Add Permission

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

Search

Permissions Resource Types

Resource Type: oracle.bi.publisher.permission

Resource Name: Starts With

Search Results

Resource Name	Display Name	Description
oracle.bi.publisher.accessExcelReportAnalyzer	BI Access Excel Report Analyzer	
oracle.bi.publisher.accessOnlineReportAnalyzer	BI Access Online Report Analyzer	
oracle.bi.publisher.accessReportOutput	BI Access Report Output	
oracle.bi.publisher.administerServer	BI Administer Server	
oracle.bi.publisher.developDataModel	BI Develop Data Model	
oracle.bi.publisher.developReport	BI Develop Report	
oracle.bi.publisher.runReportOnline	BI Run Report Online	
oracle.bi.publisher.scheduleReport	BI Schedule Report	

TIP Continue to go to next step if you want to enter policy details.

Continue Cancel

8. Define the required permission(s) for the application role by selecting the appropriate Permission Class and Permissions Actions check box. Click 'Select'.

Create Application Grant

For managing an application policy, select a particular grantee and attach a permission to it.

Application Stripe: obi

Grantee

Select the grantees (user, group or application role) you want to add to the policy.

View ▾ + Add ✕ Delete... ⚙ Detach

Name	Display Name	Type	Description
BIConsumer	BIConsumer	Application Role	The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Permissions

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

View ▾ + Add ✕ Edit... ✕ Delete... ⚙ Detach

Permission Class	Resource Name	Re Permission Ty Actions	Permission Set
No permissions added.			

Add Permission

Customize

Permission Class: oracle.security.jsps.ResourcePermission

Resource Type: oracle.bi.publisher.permission

Resource Name:

Permission Actions

☒ All

☐ All

Back Select Cancel

9. The selected permissions are defined to the application role. Similarly you can define the required permissions for other application roles.

Create Application Grant

For managing an application policy, select a particular grantee and attach a permission to it.

Application Stripe: obi

Grantee

Select the grantees (user, group or application role) you want to add to the policy.

View ▾ + Add ✕ Delete... ⚙ Detach

Name	Display Name	Type	Description
BIConsumer	BIConsumer	Application Role	The base-level role that grants the user access to existing analyses, dashboards and agents, allows them to run or schedule existing BI Publisher reports, but not create any new ones.

Permissions

Select from permissions and resources used in this application. Enter search criteria to search for right permissions.

View ▾ + Add ✕ Edit... ✕ Delete... ⚙ Detach

Permission Class	Resource Name	Re Permission Ty Actions	Permission Set
oracle.security.jsps.ResourcePermission	oracle.bi.publisher.accessOnlineReportAnalyzer	ora_all	
oracle.security.jsps.ResourcePermission	oracle.bi.publisher.runReportOnline	ora_all	
oracle.security.jsps.ResourcePermission	oracle.bi.publisher.accessExcelReportAnalyzer	ora_all	

10. Once done, click 'OK'.

Application Policies

Application policies are the authorization policies that an application relies upon for controlling access to its resources.
[To manage users and groups in the WebLogic Domain, use the Oracle WebLogic Server Security Provider.](#)

Policy Store Provider

Search

Select an application and enter the search keyword for principals or permissions to query application security grants. Use the application stripe to search if the application uses a stripe that is different from the application name.

Application Stripe: obi

Principal Type: Application Role

Principal Name: Starts With

View Create... Create Like... Edit... Delete...

Detach

Principal	Display Name	Description
BiConsumer	BiConsumer	
BiServiceAdministrator	Bi Service Administrator	

Policies for BiConsumer

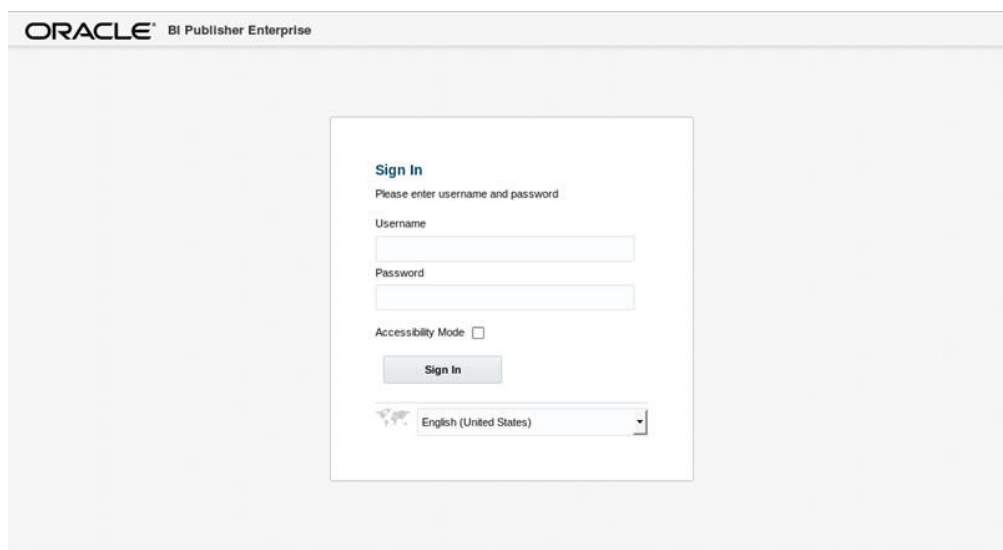
Permissions

Resource Name	Resource Type	Permission Actions	Permission Class	Permission Set
oracle.bi.publisher.runReportOnline	oracle.bi.publisher.permi...	_all_	oracle.security.js ResourcePermission	
oracle.bi.publisher.accessOnlineReportAnalyzer	oracle.bi.publisher.permi...	_all_	oracle.security.js ResourcePermission	
oracle.bi.publisher.accessExcelReportAnalyzer	oracle.bi.publisher.permi...	_all_	oracle.security.js ResourcePermission	

5. Importing Reports to BI Publisher Server

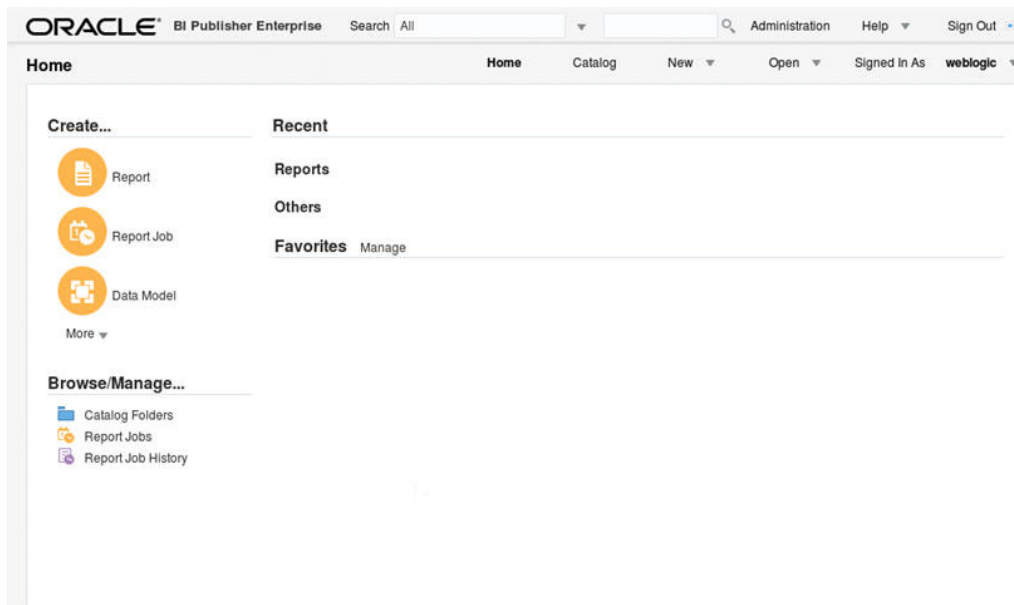
To import reports to BI Publisher Server, do the following:

1. Copy and extract the OFSLLReports.zip file to local area. Assume you have extracted to /home/oracle/app/OFSLLReports, then the zip file “oracle.xdrz” is extracted to /home/oracle/app/OFSLLReports
2. Launch the Oracle Business Intelligence Publisher Application using http://hostname:port/xmlpserver
3. Login with valid credentials.

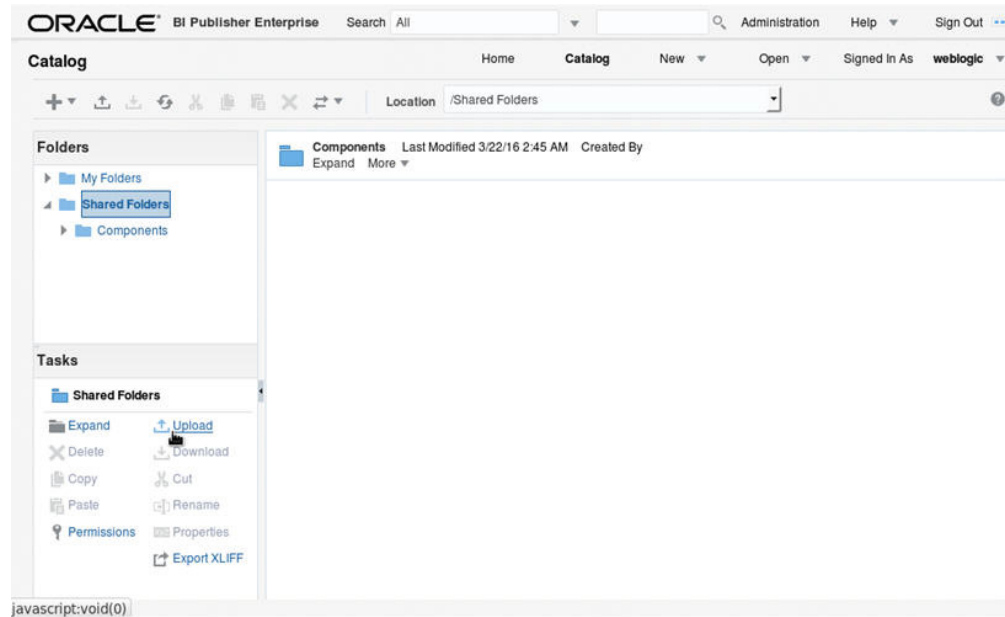


The image shows the Oracle BI Publisher Enterprise Sign In page. At the top, it says "ORACLE BI Publisher Enterprise". Below this is a "Sign In" section with the instruction "Please enter username and password". There are input fields for "Username" and "Password". Below these is an "Accessibility Mode" checkbox, which is unchecked. A "Sign In" button is located below the checkbox. At the bottom, there is a language dropdown menu showing "English (United States)".

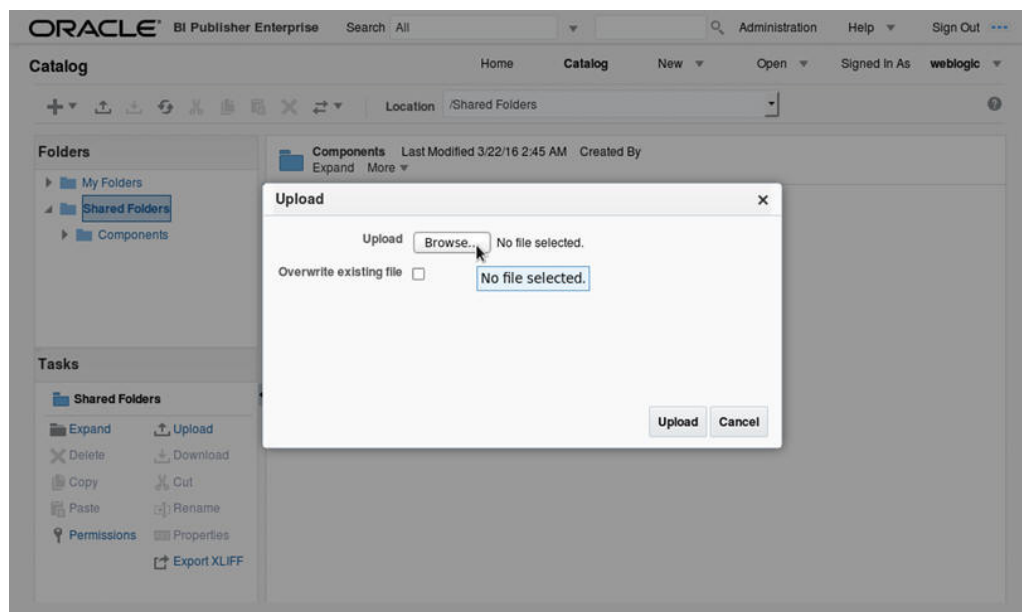
4. Following window is displayed. Click on 'Catalog Folders' on the left pane.



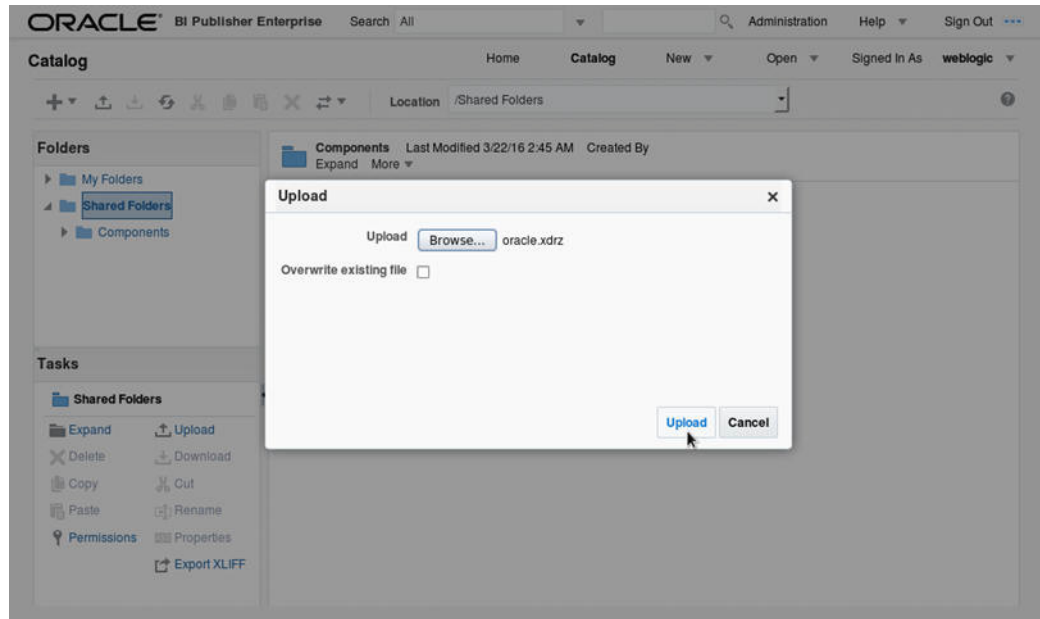
5. Click on 'Shared Folders' option and then click 'Upload'.



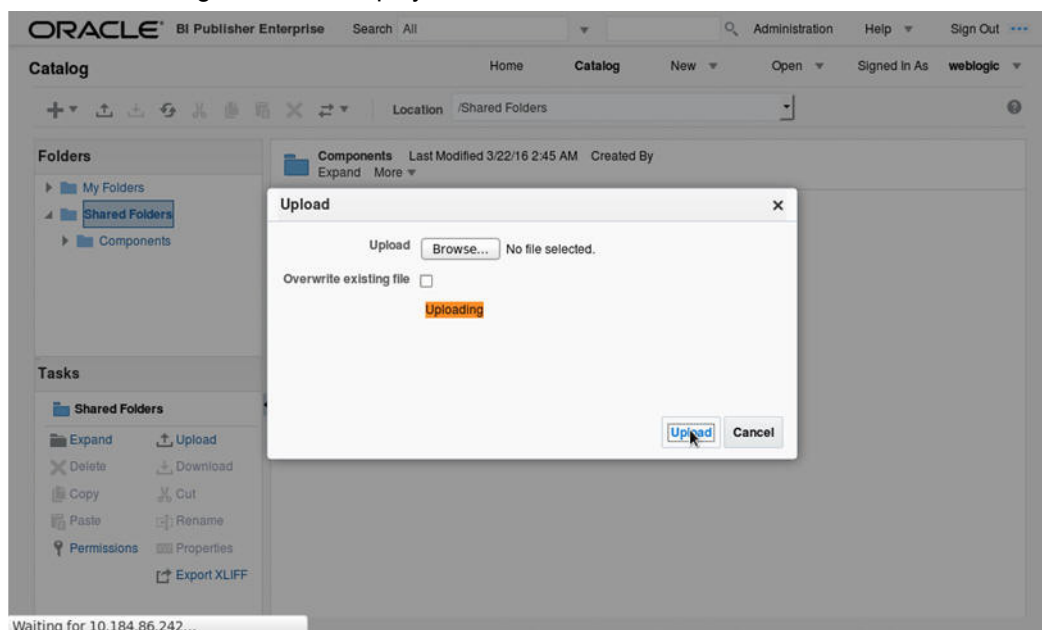
6. The following window is displayed. Browse to the location where the oracle.xdrz file is saved. Click the 'Overwrite Existing File' check box if you are overwriting an existing directory.



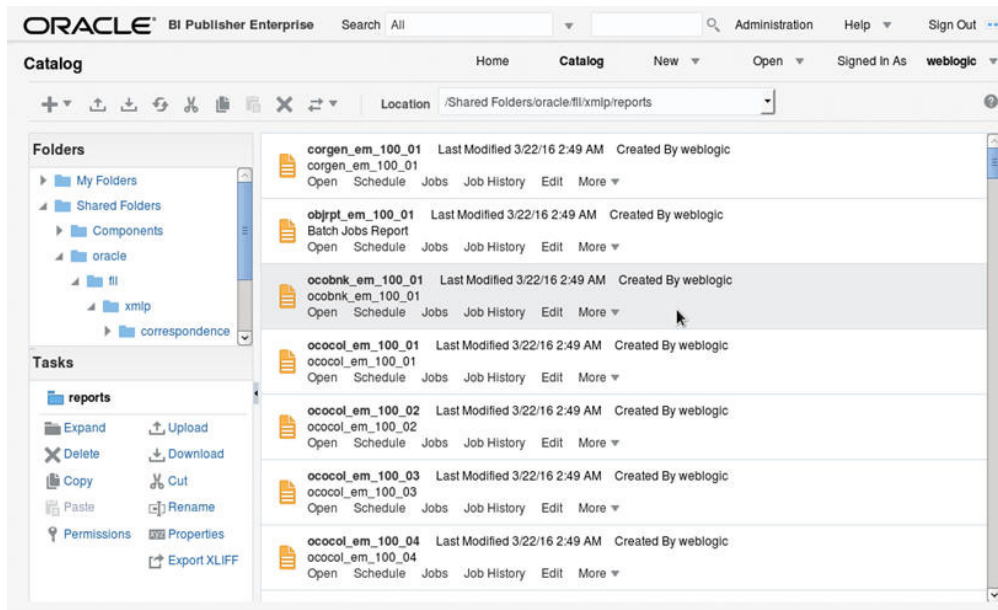
7. Click on 'Upload'.



8. The following window is displayed.



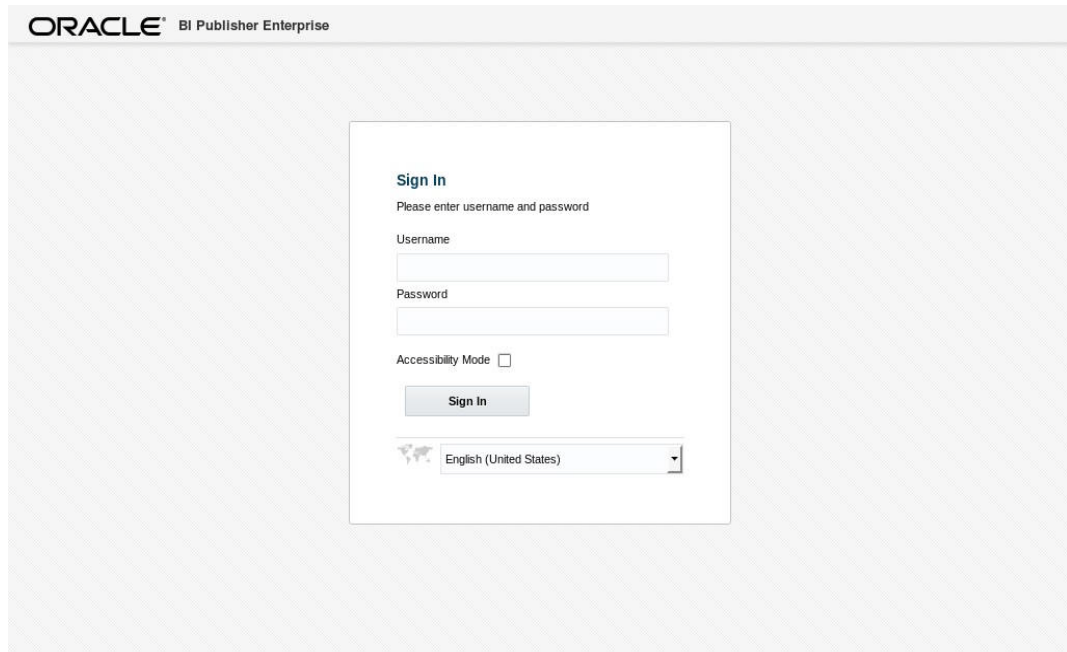
9. Once the upload is completed, click any folder to see the list of reports under the directory. The following window is displayed.



6. Configure MDB Mail Server

Refer to the following instructions to configure the MDB email server.

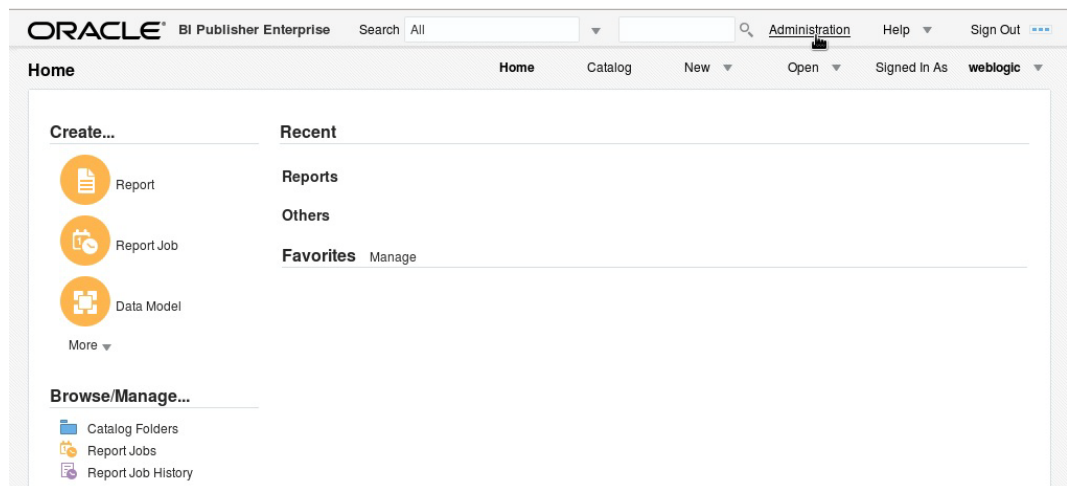
1. Launch the Oracle Business Intelligence (BI) Publisher application (<http://hostname:port/xmlpserver>). The following window is displayed.



The image shows the Oracle BI Publisher Enterprise Sign In window. The window has a title bar that reads "ORACLE® BI Publisher Enterprise". The main content area is titled "Sign In" and contains the following elements:

- A prompt: "Please enter username and password"
- A "Username" label followed by a text input field.
- A "Password" label followed by a password input field.
- An "Accessibility Mode" checkbox, which is currently unchecked.
- A "Sign In" button.
- A language selection dropdown menu showing "English (United States)".

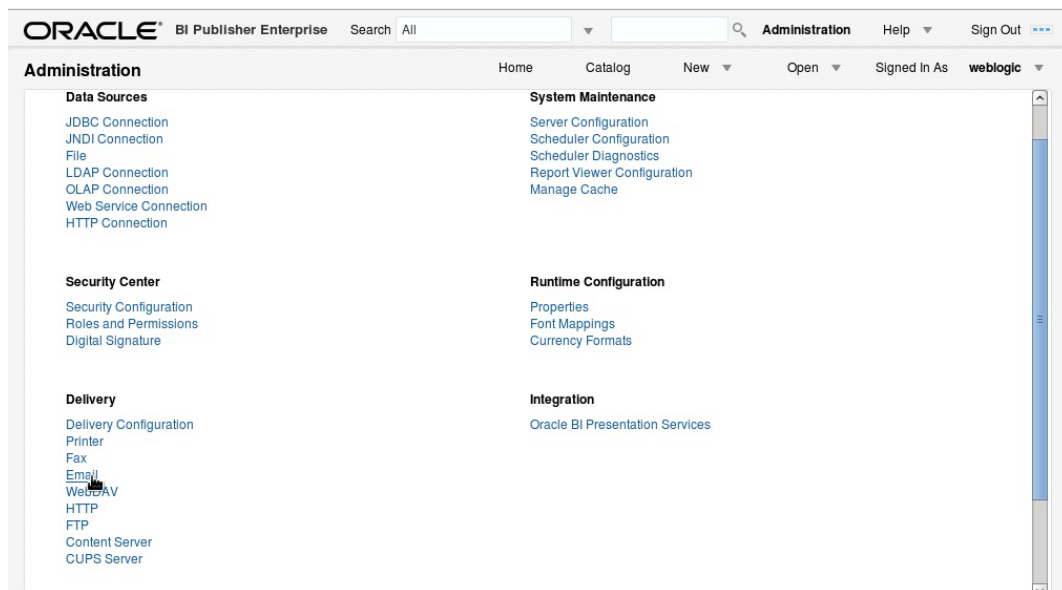
2. Login using the valid credentials. The following window is displayed.



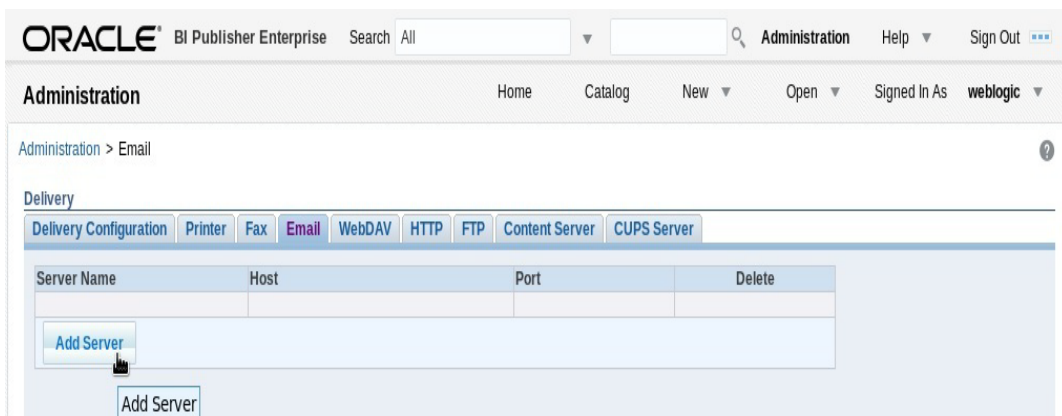
The image shows the Oracle BI Publisher Enterprise Home window after a successful login. The window has a title bar that reads "ORACLE® BI Publisher Enterprise". The main content area is titled "Home" and contains the following elements:

- A search bar with the text "Search All".
- A navigation bar with the following items: "Home", "Catalog", "New", "Open", "Signed In As", and "weblogic".
- A "Create..." section with three icons: "Report", "Report Job", and "Data Model".
- A "Browse/Manage..." section with three items: "Catalog Folders", "Report Jobs", and "Report Job History".
- A "Recent" section with the following items: "Reports", "Others", and "Favorites".

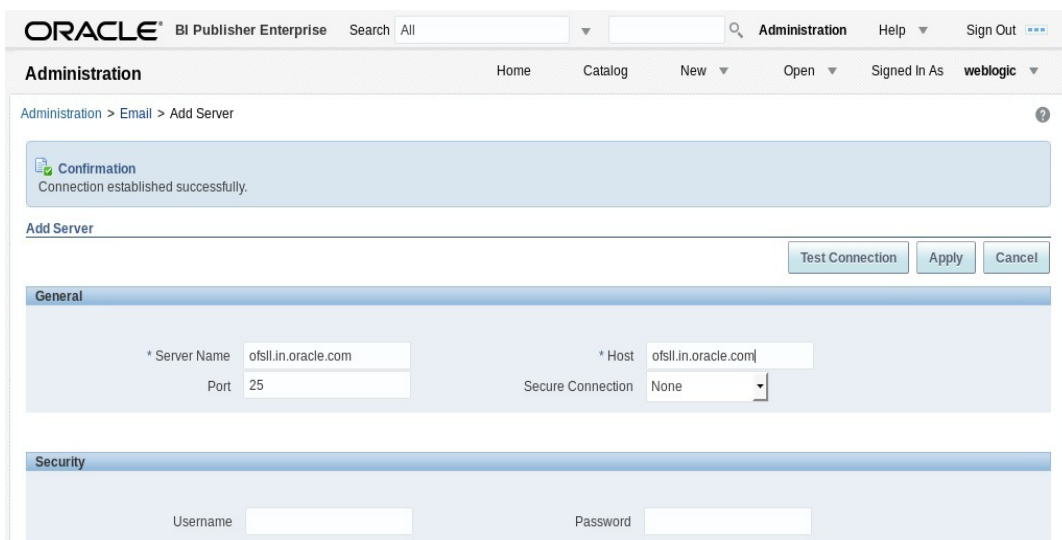
3. Click 'Administration'. The following window is displayed.



4. Click 'Email'. The following window is displayed.



5. Click 'Add Server'. The following window is displayed.



6. Specify the Server details (server name, host, and port number) and click 'Test Connection'. On completion, a confirmation message is displayed as indicated.

7. Click 'Apply'. The following window is displayed.

The screenshot shows the Oracle BI Publisher Administration console. The breadcrumb trail is 'Administration > Email > Add Server'. The 'Add Server' dialog box is open, showing the 'General' tab. The 'Server Name' is 'ofssl.in.oracle.com', the 'Host' is 'ofssl.in.oracle.com', and the 'Port' is '25'. The 'Secure Connection' is set to 'None'. There are 'Test Connection', 'Apply', and 'Cancel' buttons. Below the 'General' tab is the 'Security' tab, which is currently empty.

ORACLE® BI Publisher Enterprise Search All Administration Help Sign Out

Administration Home Catalog New Open Signed In As weblogic

Administration > Email > Add Server

Add Server

Test Connection Apply Cancel

General

* Server Name ofssl.in.oracle.com * Host ofssl.in.oracle.com

Port 25 Secure Connection None

Security

Username Password

8. The MDB email server is successfully added as indicated.

The screenshot shows the Oracle BI Publisher Administration console. The breadcrumb trail is 'Administration > Email'. The 'Delivery' configuration page is open, showing the 'Email' tab. The 'Server Name' is 'ofssl.in.oracle.com', the 'Host' is 'ofssl.in.oracle.com', and the 'Port' is '25'. There is a 'Delete' button. Below the table is an 'Add Server' button.

ORACLE® BI Publisher Enterprise Search All Administration Help Sign Out

Administration Home Catalog New Open Signed In As weblogic

Administration > Email

Delivery

Delivery Configuration Printer Fax Email WebDAV HTTP FTP Content Server CUPS Server

Server Name	Host	Port	Delete
ofssl.in.oracle.com	ofssl.in.oracle.com	25	

Add Server