

FCIS Process Flow Deployment Prerequisites for Oracle
FLEXCUBE Installer

Oracle FLEXCUBE Investor Servicing

Release 14.1.0.0.0

[May] [2019]



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1. Introduction

1.1 Background

This document provides detailed description on deploying FCIS BPEL process flows onto a weblogic server configured with SOA suite components.

This document will cover different approaches for deploying a process.

The audience for this document will be the deployment teams of FCIS BPEL process flows.

1.2 Organization of the Document

The first chapter of this document gives an introduction with brief background and organization of the document.

Subsequent chapters of this document will give the details of the various deployment options.

1.3 Acronyms and Abbreviations

BPEL	BPEL Process Flow
BAM	Business Activity Monitoring
SOA Application	With Fusion middleware 12c BPEL process flows becomes part of a SOA Composite application.

2. Oracle JDeveloper IDE

2.1 Introduction

Oracle JDeveloper is the IDE used for BPEL process design and development. It's recommended that the version of JDeveloper used should be in sync with the Oracle SOA suite that is used for BPEL runtime. For instance, Oracle SOA suite – 12.1.3 + Oracle JDeveloper 12.1.3. Though different versions of Oracle SOA suite and JDeveloper might be compatible it is recommended to go through the releases notes and documentation prior to their usage.

2.2 Obtaining JDeveloper IDE

Oracle JDeveloper IDE can be downloaded from oracle website, the hyperlink provided might have been updated. Please check appropriate location prior to download and refer installation and release notes documentation of Oracle JDeveloper for Installation instructions.

<http://www.oracle.com/technetwork/middleware/bpm/downloads/index.html>

3. Creating Application Server Connection

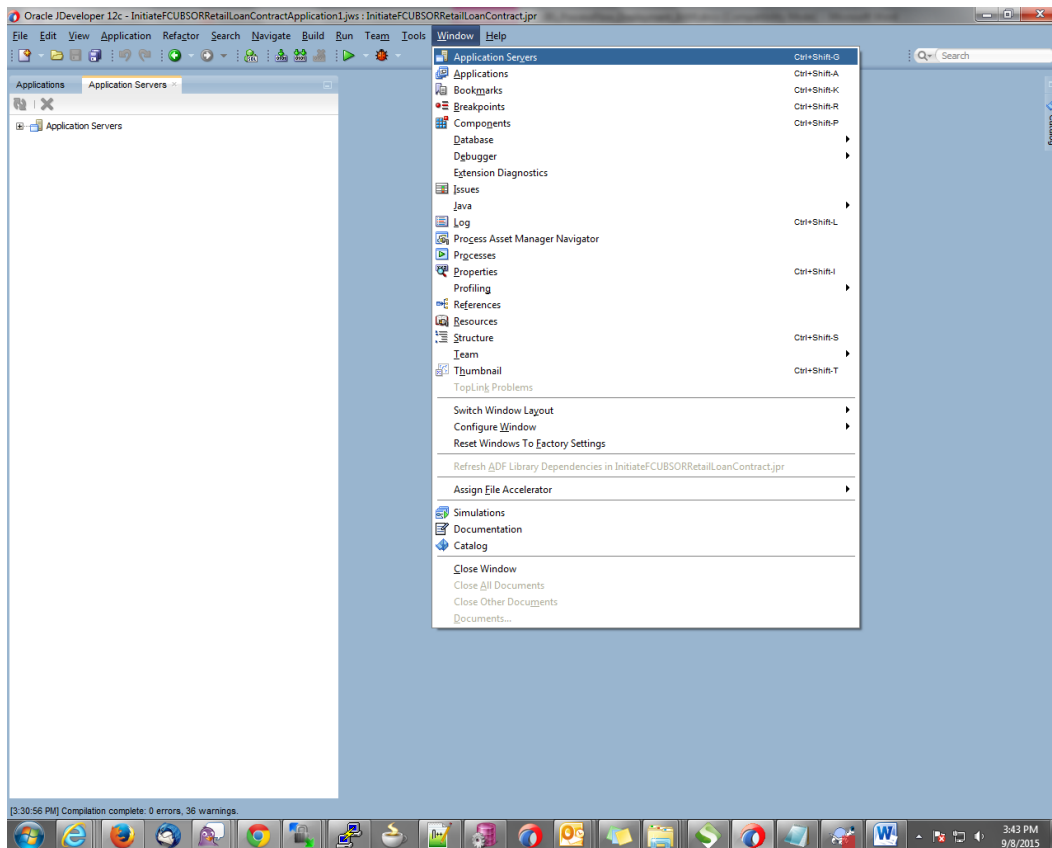
3.1 Introduction

Oracle JDeveloper supports deployment of BPEL process flows to WebLogic application servers via JDeveloper application server connection.

3.2 Application Server Connection

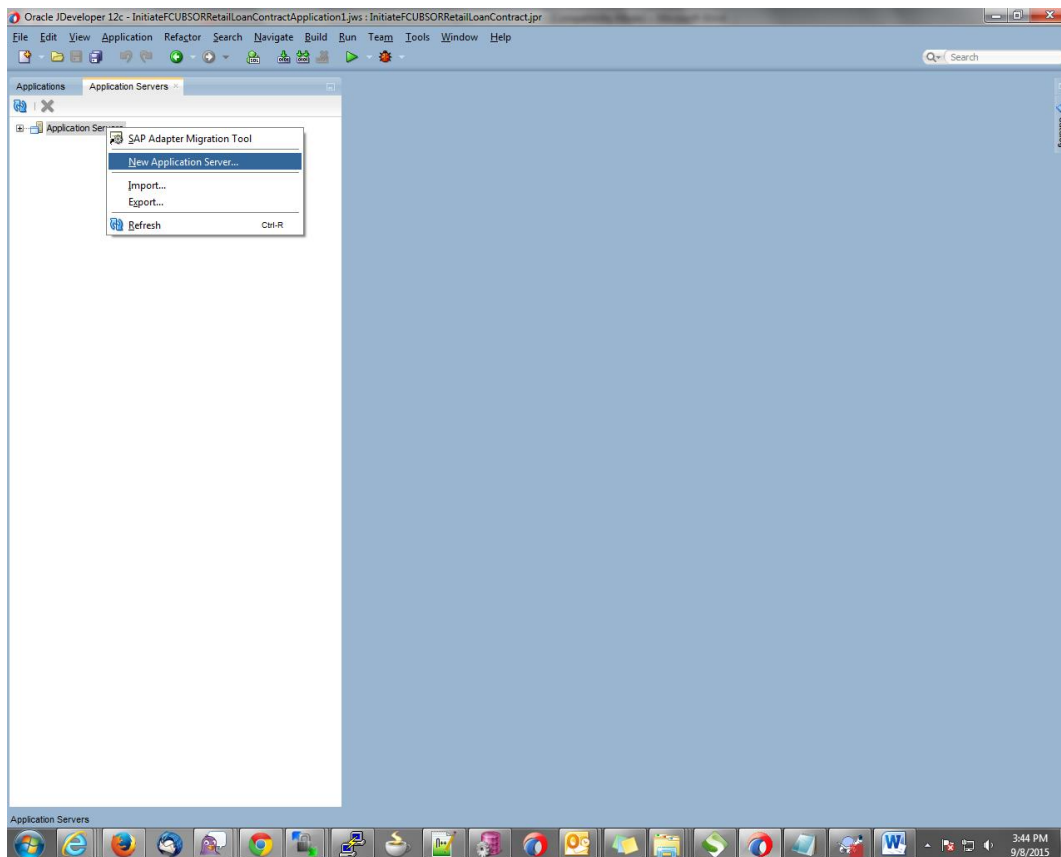
After JDeveloper has been updated with SOA extension, The IDE can be launched from 'Programs' menu or installation location.

- After JDeveloper is launched
- Click on → Windows → Application Servers Navigator



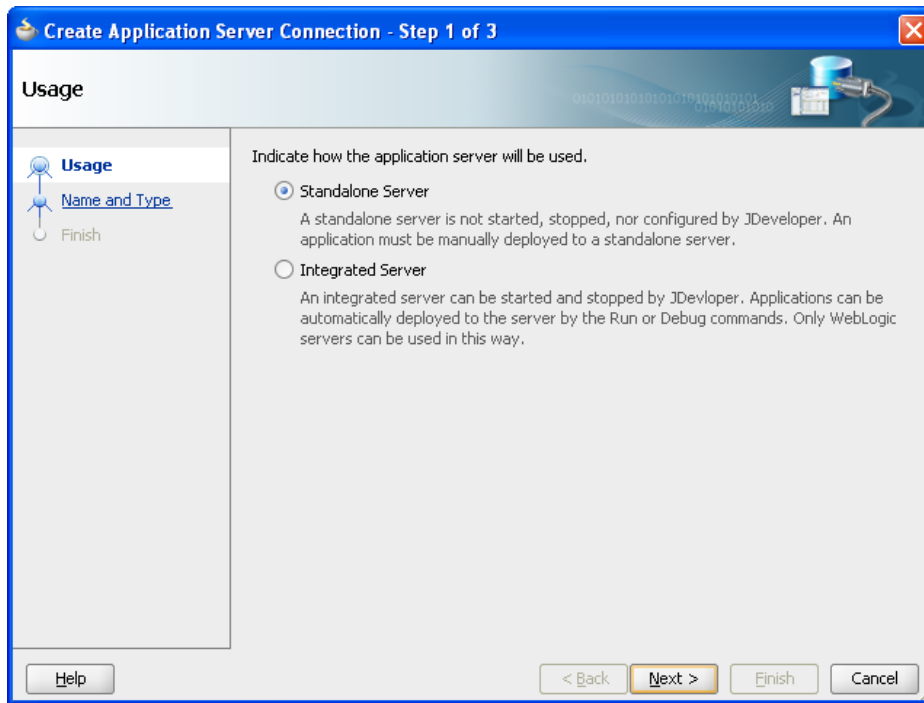
- To create a new WebLogic server connection
- Right click 'Application Servers'

- Click on → New Application Server

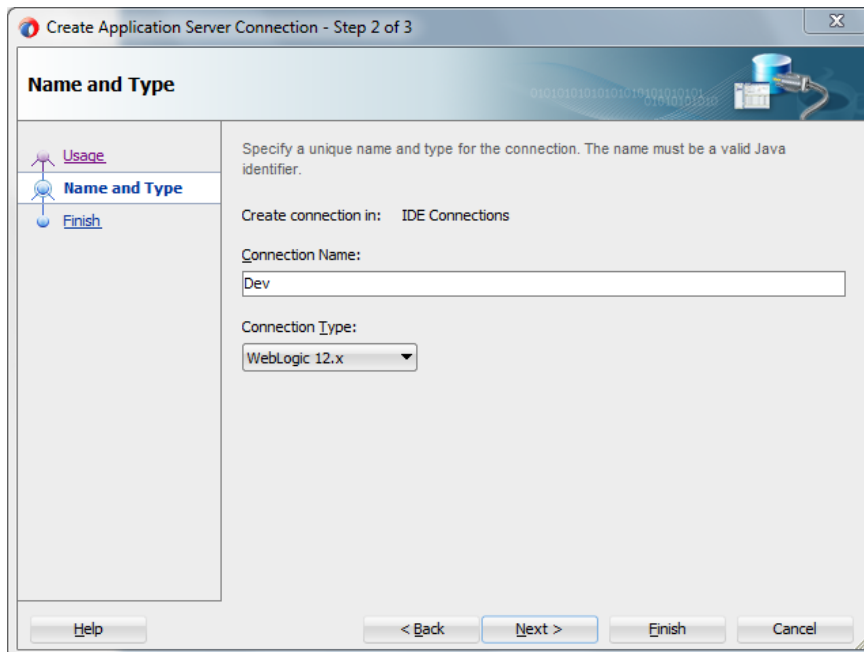


- The “Create Application Server Connection” wizard is launched as shown below.
- Select the Radio button “Standalone Server”

- Click “Next” to proceed with the configuration



- Provide “Connection Name” to identify the server connection.
- Provide “Connection Type” to identify the server type.
- Select “WebLogic server <version>”
- Click “Next” to proceed with the configuration



- Provide username / password to connect to the server
- The same username / password that was used while configuring the server is used.
- Click “Next” to proceed with the configuration

Create Application Server Connection - Step 3 of 6

Authentication

Specify a username and password to authenticate the connection.

Usage

Name and Type

Authentication

Configuration

Test

Finish

Username:

weblogic

Password:

.....

Help

< Back

Next >

Finish

Cancel

- Provide the WebLogic server hostname and the port number of the Admin server.
- Provide the domain name under which the server has been configured.
- Click “Next” to proceed with the configuration

The screenshot shows a Windows-style dialog box titled "Create Application Server Connection - Step 4 of 6". The main area is titled "Configuration". On the left, there is a vertical navigation pane with icons and labels: "Usage", "Name and Type", "Authentication", "Configuration" (which is highlighted with a blue circle and text), "Test", and "Finish". The main content area contains the following text and fields:

WebLogic Server connections use a host name and port to establish a connection. The Domain of the target will be verified ☐

WebLogic Hostname (Administration Server):

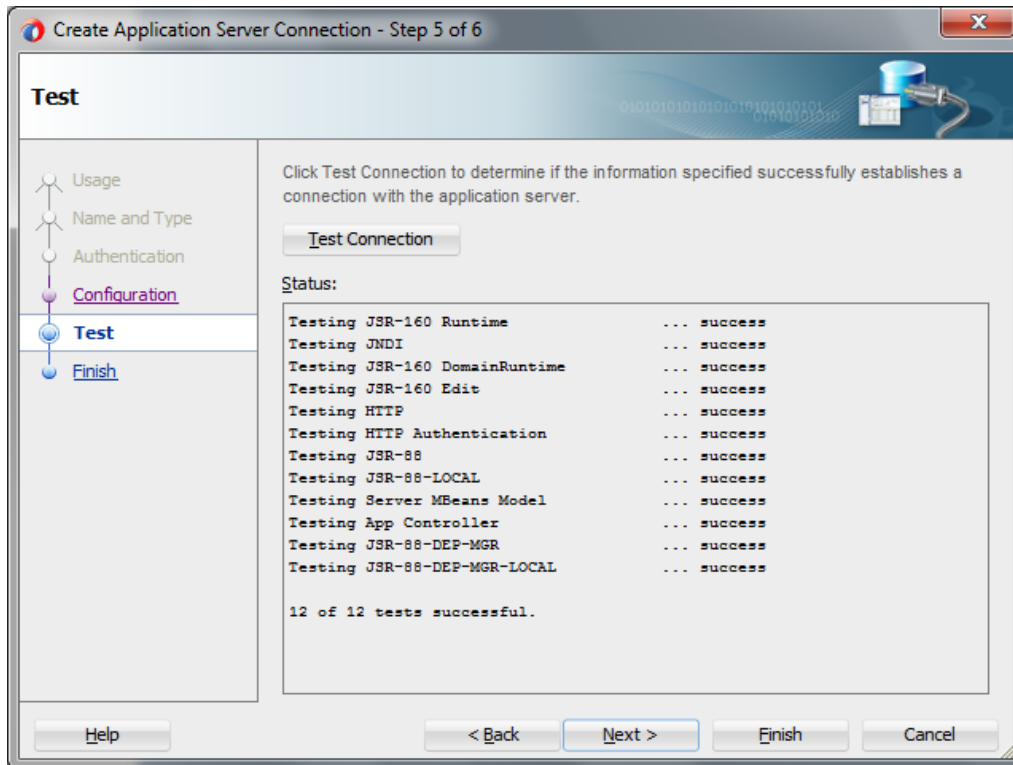
Port: SSL Port:

☐ Always use SSL

WebLogic Domain:

At the bottom of the dialog, there are four buttons: "Help", "< Back", "Next >" (which is highlighted with a blue border), and "Finish". A "Cancel" button is also present on the far right.

- Click on the 'Test Connection' to ensure the configuration is done correctly.
- All the tests should go thru and indicate "success" as shown below that will indicate a correct configuration
- Click "Finish" to proceed and complete the configuration



4. Loading FCIS Process flows in Oracle JDeveloper

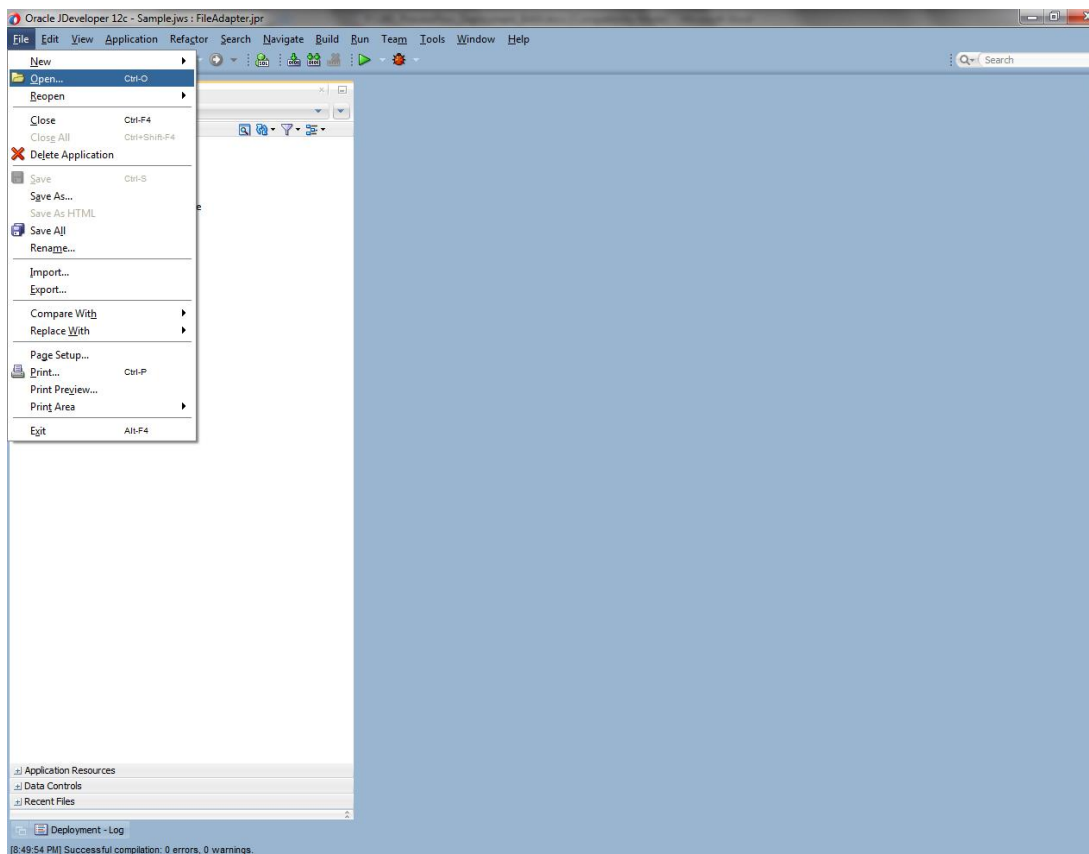
4.1 Introduction

The FCIS BPEL process flows that are to be deployed needs to be obtained from the release area and unzipped into a folder location.

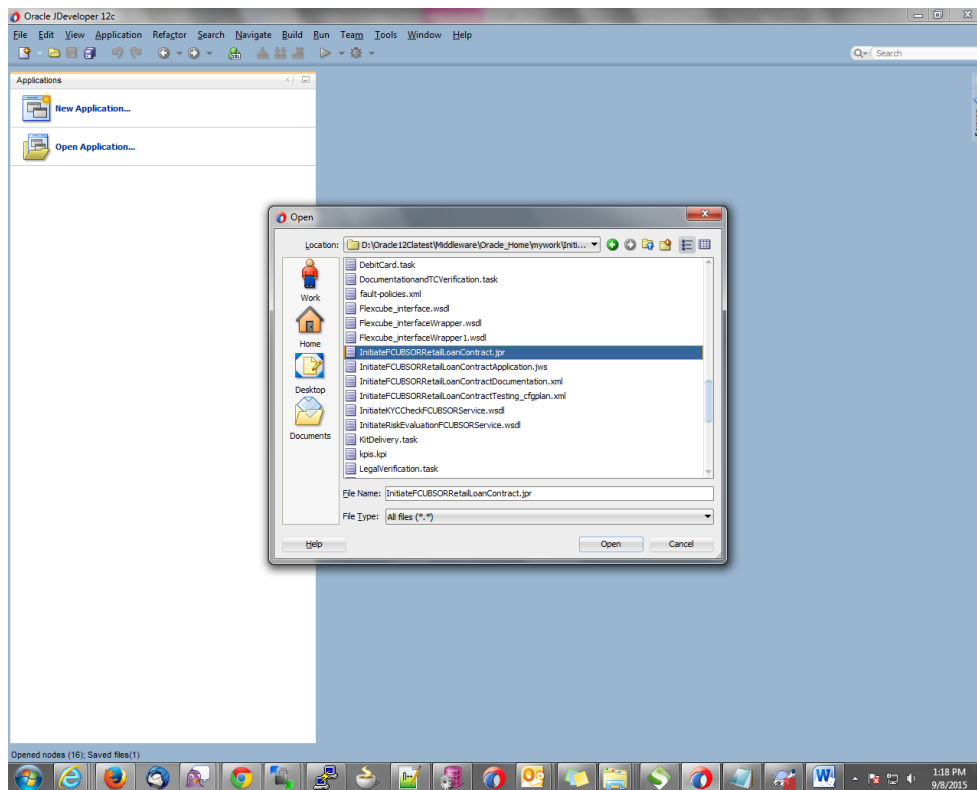
4.2 Loading the Process

After JDeveloper IDE is launched from 'Programs' menu or installation location

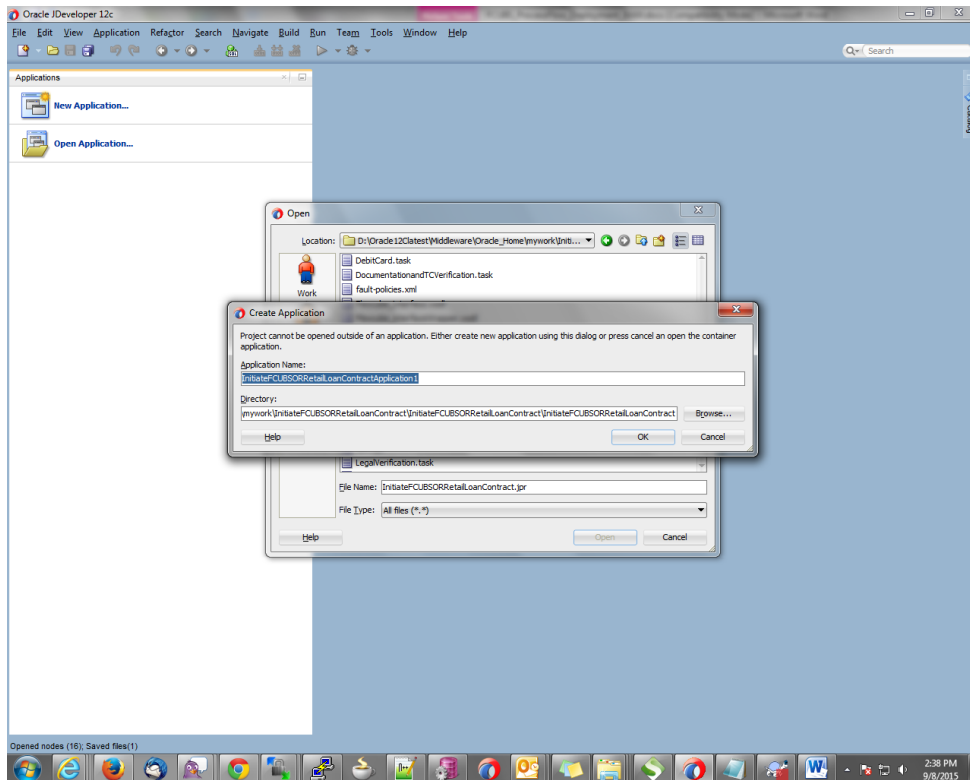
- Click on → File → Open



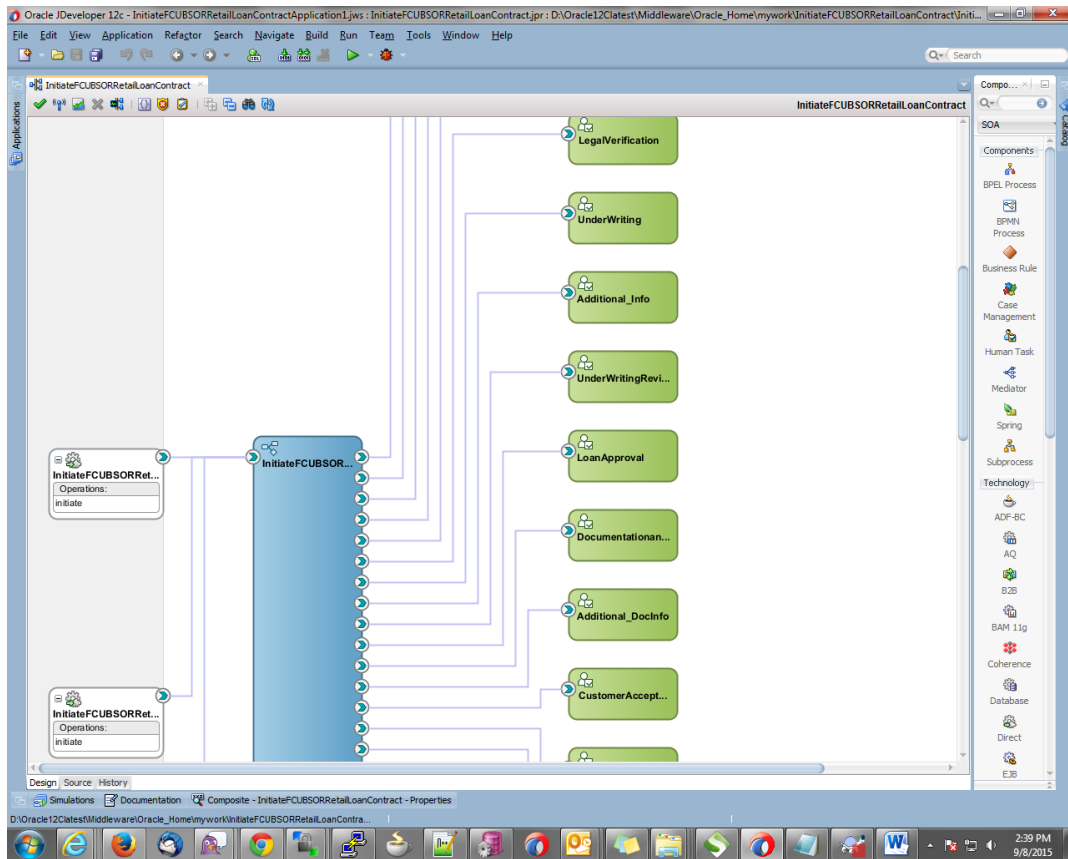
- Navigate to the folder where process flow is deployed
- Locate and select the “.jpr” file under the folder <process_name>
- Click ‘Open’ to load the process flow in JDeveloper



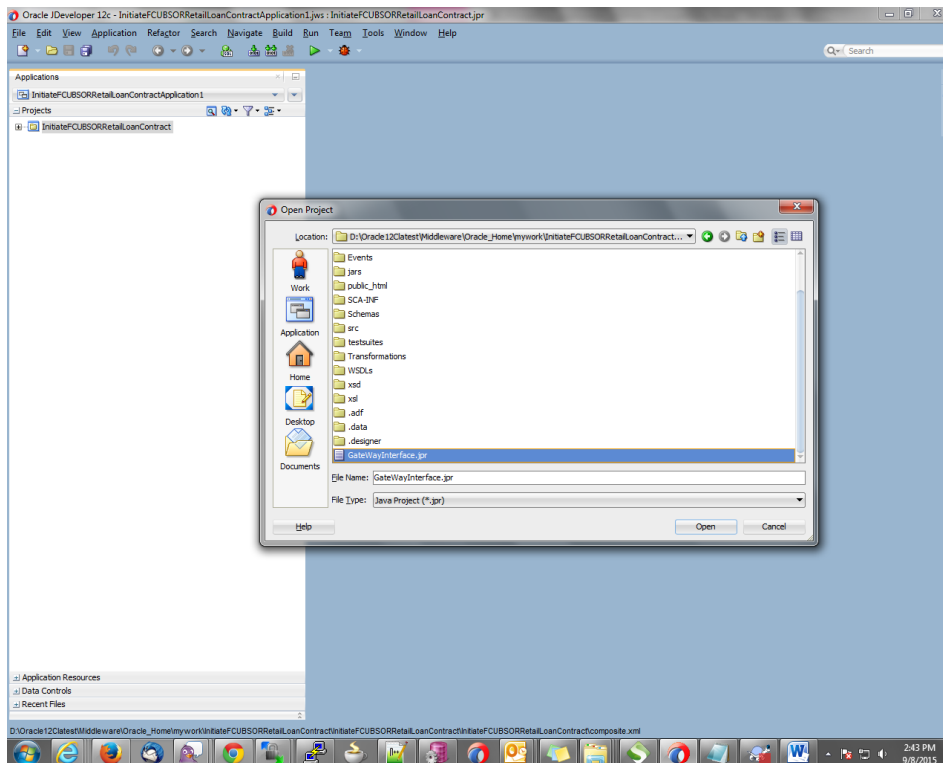
- If this is the first Process flow that is being loaded JDeveloper will prompt for an Application Name and Location where the application file will be stored
- Provide an application name and folder path for the same.
- Click in “Ok” to proceed with loading of the process flow.



- The process flow is loaded into JDeveloper and is displayed as given below
- Clicking on the “composite.xml” under “SOA Content” in Design mode will display the process flow as illustrated in the screen shot.



- All the required process flow can be loaded in the similar fashion from File Menu into the same application.



- After all the necessary process flows are loaded, all process flows will be displayed in the “Application Navigator” menu as illustrated in the screen shot.

In case of Dependent Process Flows like InitiateFCUBSORRetailLoanContract, having other Process Flows as services and subprocesses the composite.xml file has to be modified with the runtime wsdl location of the subprocess (like BIPUtility). The Runtime wsdl is obtained from the em console as shown in the screen shot.

- In the em console, click the process for which runtime wsd is required and click on Test.

Oracle Enterprise Manager Fusion Middleware Control 12c

WebLogic Domain | SOA Infrastructure

Target Navigation

- Application Deployments
 - SOA
 - soa-infra (soa_server1)
 - default
 - AmendFCUBSORRetailLoanContract [1.0]
 - AmendFCUBSORRetailLoanContract [1.0]
 - AmendRetailLoanContractFCUBSORService [1.0]
 - AmendRetailLoanContractFCUBSORService [1.0]
 - AmendRetailLoanContractFCUBSORService [2.0]
 - AmendRetailLoanContractFCUBSORService [3.0]
 - AMLChecks [1.0]
 - BIPInvoke [1.0]
 - BIPUtility [1.0]**
 - BPELCOILLATProcess [1.0]
 - BPELCOILLATProcess [2.0]
 - BPELCPRClosureProcess [1.0]
 - BPELCPRCProcess [1.0]
 - BPELCPRCProcess [10.0]
 - bpelcompProcess [1.0]
 - BPELLimitReview [1.0]
 - CIBLProcess [1.0]
 - CloseFCUBSORRetailLoanContract [1.0]
 - CloseRetailLoanContractFCUBSORService [1.0]
 - COLLATProcess [5.0]
 - CorporateLending [3.0]
 - CovenantPoller [1.0]
 - CRDCProcess [1.0]
 - CreateCorporateCustomer [2.0]
 - CreditBureauBPEL [1.0]
 - CreditBureauHandler [1.0]
 - CRMUtility [1.0]
 - CRPClosureProcess [1.0]
 - CRPClosureProcess [10.0]
 - CRPProcess [1.0]
 - CRPProcess [2.0]
 - DBPoller [1.0]
 - DBUtility [1.0]
 - DBUtility [2.0]
 - DeburseFCUBSORRetailLoanContract [1.0]

BIPUtility [1.0]

SOA Composite

Logged in as weblogic | ofss2221222.in.oracle.com
Page Refreshed Sep 8, 2015 2:46:57 PM IST

Active | Retire... | Shut Down... | **Test** | Settings... | Related Links

Dashboard | Composite Definition | Flow Instance | **Test Service** | Policies

Components

Name	Component Type
BIPUtility	BPEL

Services and References

Name	Type	Usage	Total Messages	Average Processing Time (sec)
client	Web Service	Service	1	0.000
GetReportDetails	JCA Adapter	Reference	1	0.472
InsertReportDetails	JCA Adapter	Reference	0	0.000
FCDSMSService	Web Service	Reference	0	0.000

ofss2221222:7401/em/faces/ai/soa/composite/targets/Domain_dev_domain/dev_domain/soa_server1/default/BIPUtility=[1.0]&type=oracle_soa_composite#

2:47 PM
9/8/2015

- We can obtain the runtime wsdl for the process as shown below in the screen shot.

The screenshot displays the Oracle Enterprise Manager Fusion Middleware Control 12c interface. On the left, the 'Target Navigation' pane shows a tree structure under 'SOA' > 'soa-infra (soa_server1)' > 'default'. The 'BIPUtility [1.0]' service is selected. The main pane shows the 'Test Web Service' configuration for 'BIPUtility [1.0]'. The 'WSDL or WADL' field contains the URL 'http://ofss221222.in.oracle.com:7403/soa-infra/services/default/BIPUtility/client?WSDL'. The 'Service' is 'BIPUtility', 'Port' is 'BIPUtility', and 'Operation' is 'initiate'. The 'Endpoint URL' is 'http://ofss221222.in.oracle.com:7403/soa-infra/services/default/BIPUtility/c'. The 'Security' section shows 'None' selected. The 'Quality of Service' section is expanded. The 'Input Arguments' section shows 'Tree View' selected, 'Enable Validation' checked, and 'Load Payload' button. The 'SOAP Body' section shows a table with one row: 'payload' of type 'payload'.

Target Navigation

- Application Deployments
 - SOA
 - soa-infra (soa_server1)
 - default
 - AmendFCUBSORNFRetailLoanContract [1.0]
 - AmendFCUBSORRetailLoanContract [1.0]
 - AmendNFRetailLoanContractFCUBSORService [1.0]
 - AmendRetailLoanContractFCUBSORService [1.0]
 - AmendRetailLoanContractFCUBSORService [2.0]
 - AmendRetailLoanContractFCUBSORService [3.0]
 - AMLChecks [1.0]
 - BIPInvoke [1.0]
 - BIPUtility [1.0]**
 - BPELcollatProcess [1.0]
 - BPELcollatProcess [2.0]
 - BPELCRPClosureProcess [1.0]
 - BPELCRPProcess [1.0]
 - BPELCRPProcess [10.0]
 - bpelcnpProcess [1.0]
 - BPELLimitReview [1.0]
 - CIBLPProcess [1.0]
 - CloseFCUBSORRetailLoanContract [1.0]
 - CloseRetailLoanContractFCUBSORService [1.0]
 - COLLATProcess [5.0]
 - CorporateLending [3.0]
 - CovenantPoller [1.0]
 - CRDProcess [1.0]
 - CreateCorporateCustomer [2.0]
 - CreditBureauBPEL [1.0]
 - CreditBureauHandler [1.0]
 - CRMUtility [1.0]
 - CRPClosureProcess [1.0]
 - CRPClosureProcess [10.0]
 - CRPProcess [1.0]
 - CRPProcess [2.0]
 - DBPoller [1.0]
 - DBUtility [1.0]
 - DBUtility [2.0]
 - DisburseFCUBSORRetailLoanContract [1.0]

BIPUtility [1.0]

Logged in as weblogic | ofss221222.in.oracle.com
Page Refreshed Sep 8, 2015 2:48:11 PM IST

Test Web Service

Use this page to test any WSDL or WADL, including WSDLs or WADLs that are not in the farm. To test a Web service, enter the WSDL or WADL and click Parse WSDL or WADL. When the page refreshes with the WSDL or WADL details, first select the Service/Resource, then select the Port/Method, and then select the Operation/Media type that you want to test. Specify any input parameters, and click Test Web Service.

WSDL or WADL: Parse WSDL or WADL

HTTP Basic Auth Option for WSDL or WADL Access

Service: BIPUtility
Port: BIPUtility
Operation: initiate

Endpoint URL: Edit Endpoint URL

Request **Response**

Security

☐ OWSM Security Policies ☐ HTTP Basic Auth ☐ Advanced ☒ None

Quality of Service

HTTP Header

Additional Test Options

Input Arguments

Tree View ☒ Enable Validation ☒ Load Payload No file selected.

SOAP Body

View ☒ Detach

Name	Type	Value
* payload	payload	

- [illegible]

5. Deployment Profile and Configuration Plan

5.1 Introduction

A deployment profile is automatically created for all FCIS Process flows. The application profile includes the JAR files of SOA projects.

The configuration plan enables us to define the URL and property values to use in different environments. During process deployment, the configuration plan is used to search the SOA project for values that must be replaced to adapt the project to the target environment.

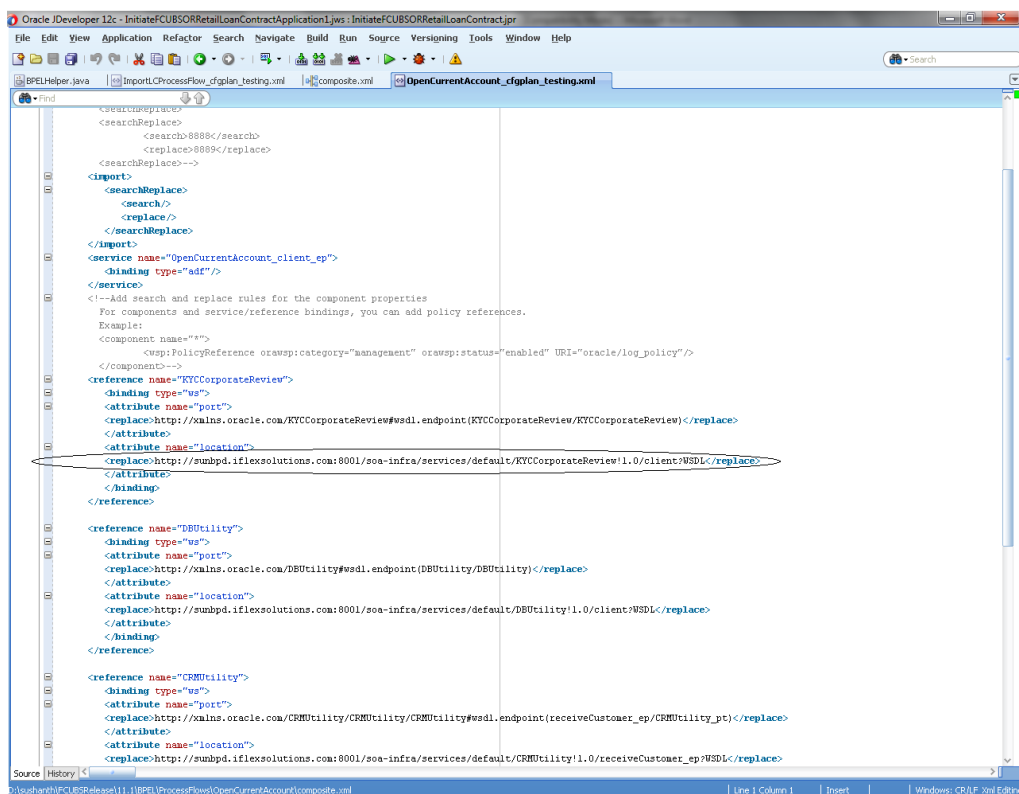
5.2 Updating Configuration Plan

All the FCIS process flows has been developed with three configuration plans with the following naming convention for development, testing & production environments. If there are no configuration plans in any process flow it simply means there are no replacement values that needs to be replaced in the project and that project can be deployed without any config plans.

<processflow_name>_cfgplan_dev.xml

<processflow_name>_cfgplan_testing.xml

<processflow_name>_cfgplan_production.xml



In the configuration plan we need to give the latest runtime wsdl location of the sub processes if present. The runtime wsdl location is obtained as mentioned earlier from the em console.



The soaconfigplan.xml, if present in the project also have to be updated with the runtime wsdl location of the subprocesses since this will be referred by the process in runtime.

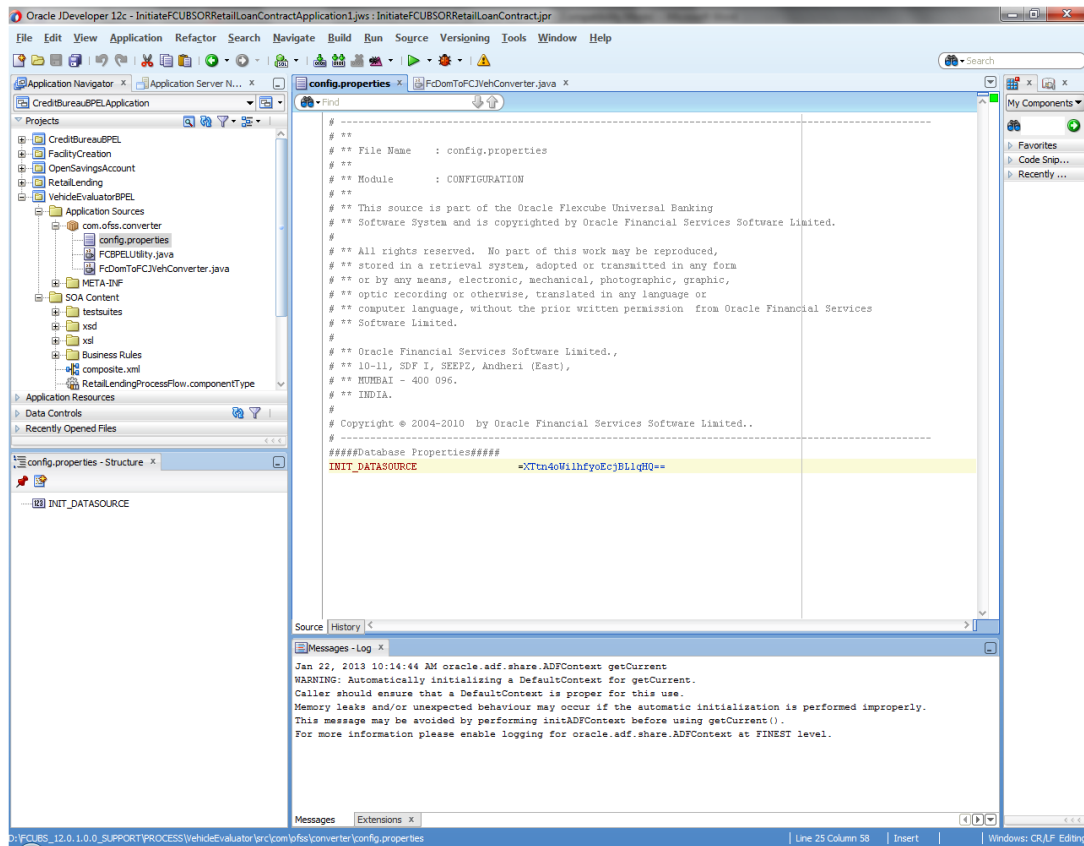
The screenshot displays the Oracle JDeveloper IDE interface. The left-hand pane shows the 'Application Navigator' with a project tree. The 'soaconfigplan.xml' file is highlighted. The main editor window shows the XML content of 'soaconfigplan.xml'. The XML includes a <searchreplace> block for updating WSDL locations. The bottom pane shows the BPEL process 'CorporateLendingProcessFlow.bpel' and a validation status of 'Errors: 0 Warnings: 0'.

```
<?xml version='1.0' encoding='UTF-8'?>
<SOAConfiguration xmlns:jca="http://platform.integration.oracle/blocks/adapter/fw/antdata" xmlns:xp="http://schemas.xml
<composite name="OpenRetailTermDeposit">
  <import>
    <searchreplace>
      <search/>
      <replace/>
    </searchreplace>
  </import>
  <service name="client">
    <binding type="ws">
      <attribute name="port">
        <replace http://xmlns.oracle.com/OpenRetailTermDeposit#wsdl.endpoint(OpenRetailTermDeposit/OpenRetailT
      </attribute>
    </binding>
  </service>
  <service name="OpenRetailTermDeposit_client_sp">
    <binding type="add"/>
  </service>
  <reference name="DBUtility">
    <binding type="ws">
      <attribute name="port">
        <replace http://xmlns.oracle.com/DBUtility#wsdl.endpoint(DBUtility/DBUtility)/>
      </attribute>
      <attribute name="location">
        <replace http://AP-PSD-1-SRO:0046/soa-infra/services/default/DBUtility/client/WSDB/replace>
      </attribute>
    </binding>
  </reference>
  <callback>
    <binding type="ws">

```

5.3 Updating the Datasource Name

The config.properties file, if present in the project of any of the sub processes, has the encrypted datasource name. This should be same as the one given in the fcubs.properties file while building the EAR.



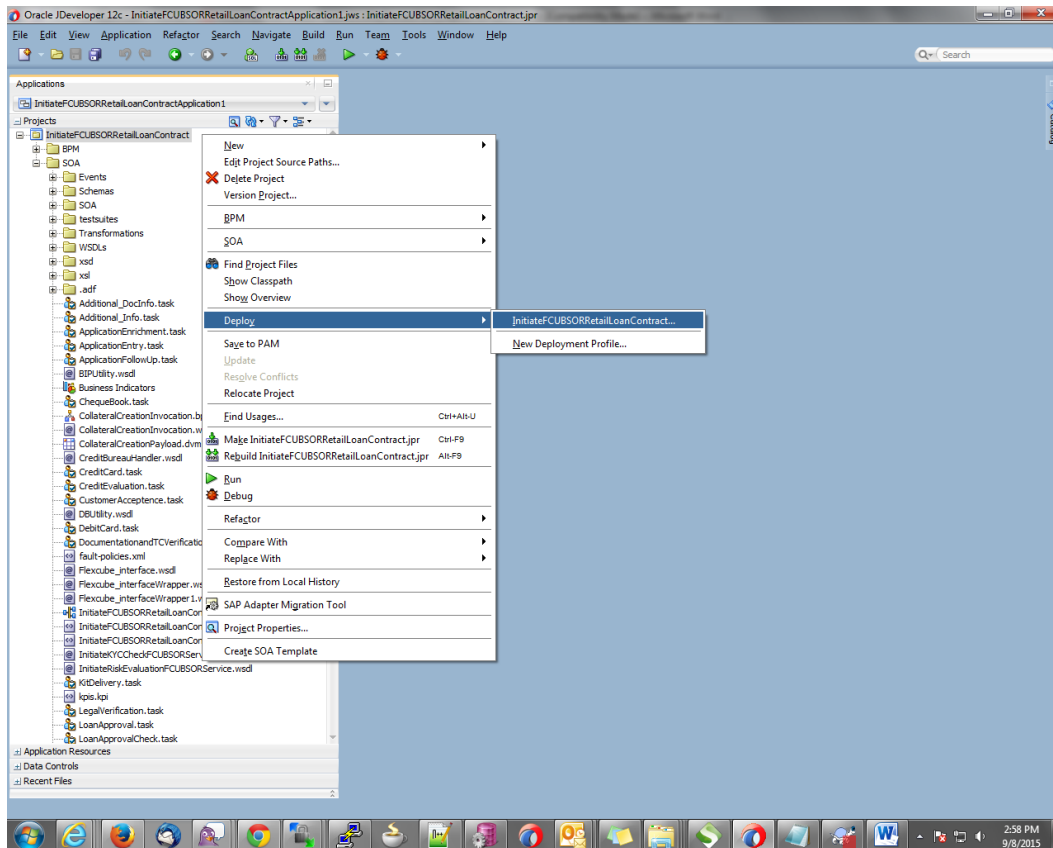
6. Deploying a Single Composite application using JDeveloper

6.1 Introduction

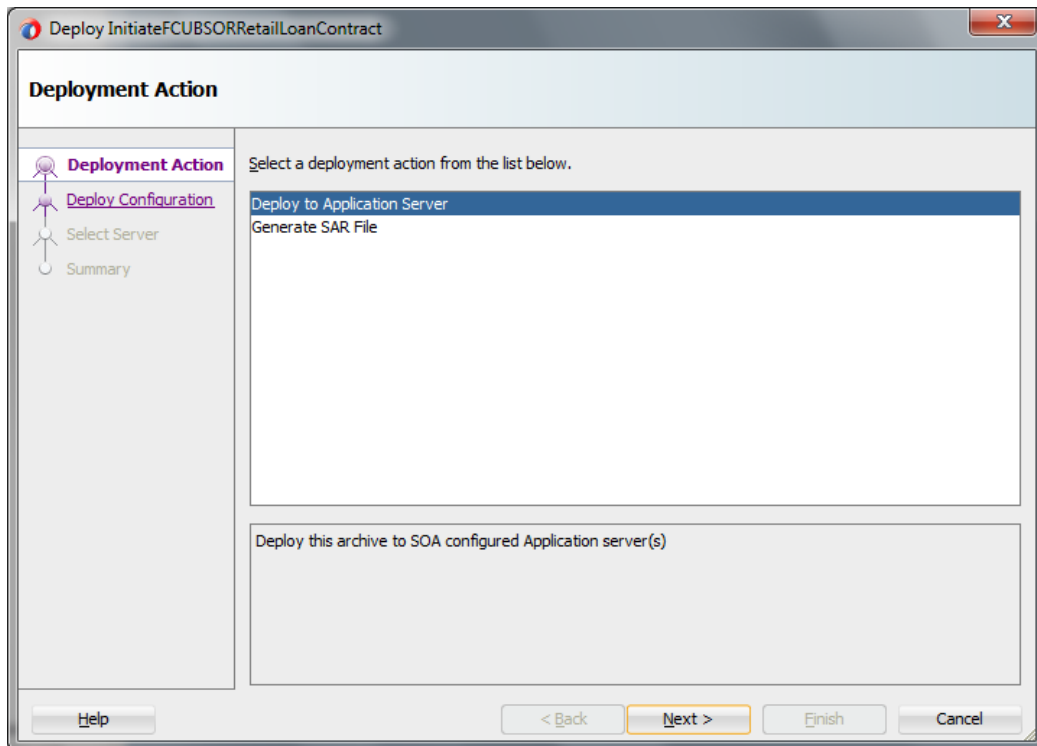
This section describes how to deploy a single SOA composite application with Oracle JDeveloper after completing updating of config plans with respective target environment replacement values.

6.2 Deploying the Application

- Right click on the Application that needs to be deployed.
- Select 'Deploy' and then click on the default deployment profile which is the same as the application name.
- This will result in the deployment wizard screen being launched.

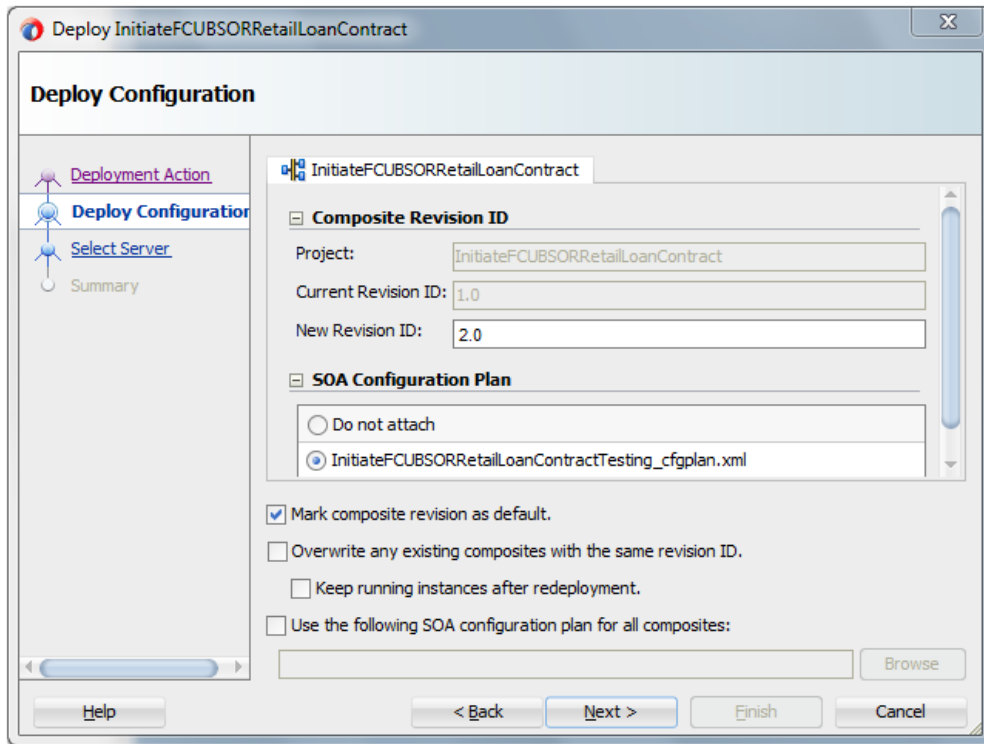


- The wizard shows the “Deployment Action” screen .Select ‘Deploy to Application server’ and click ‘Next’



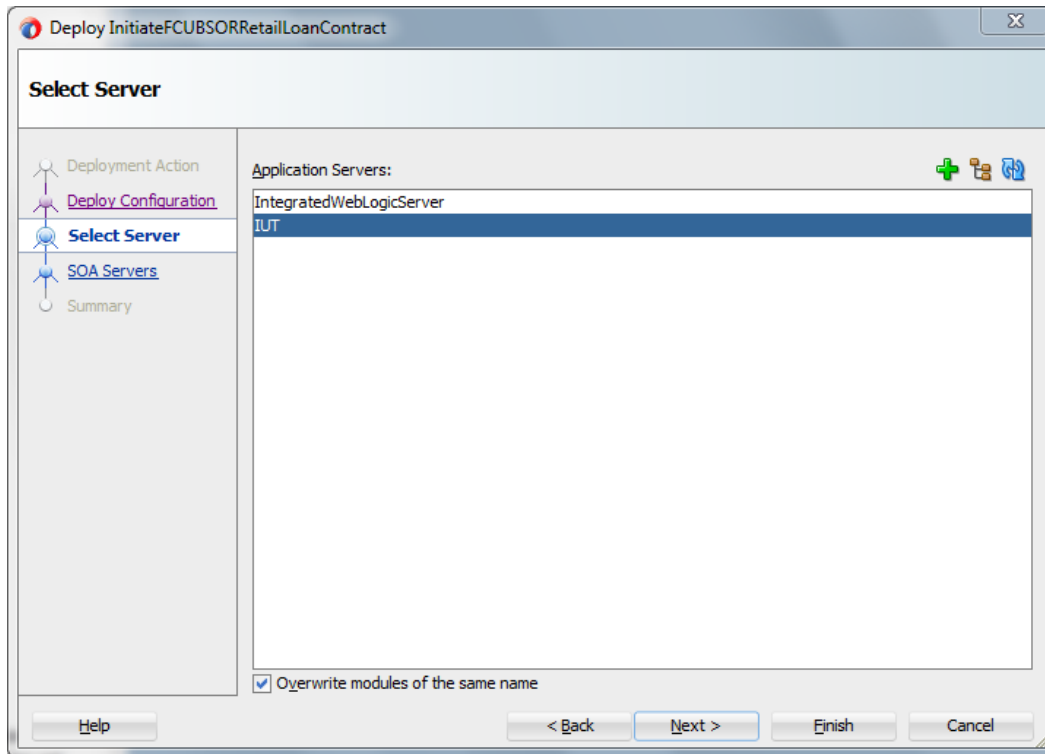
- Deployment configuration is done as illustrated in the below screen shot
- Select a Revision with which the deployment should happen
- Select a " Configuration Plan" that was updated as given in Section 5
- Provide a new revision ID. It should be always higher than the earlier revision of the process flow like 1.0, 2.0,3.0 etc
- Check the checkbox "Mark composite revision as "default"
- Uncheck the checkbox "Overwrite any existing composites with the same revision ID"

- Click “Next” to proceed with the deployment.

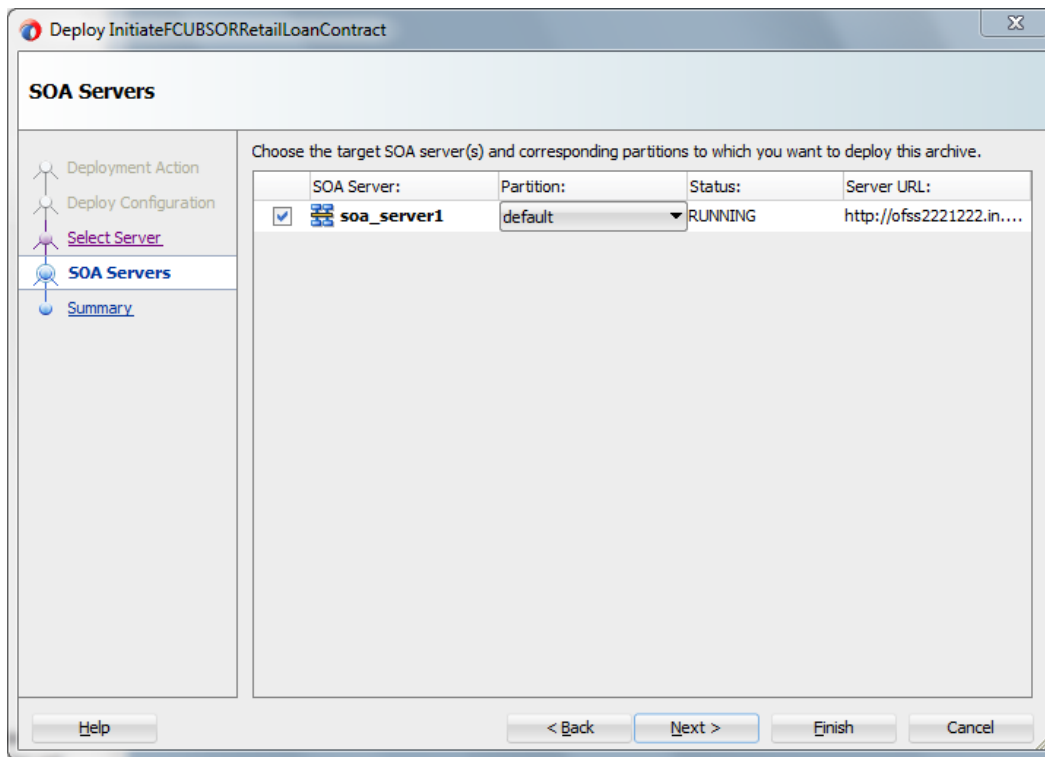


- Select the Application server ‘Server Connection’ configured that was done in Section 3 to which the deployment needs to be done
- Click ‘Next’ to proceed with the deployment.

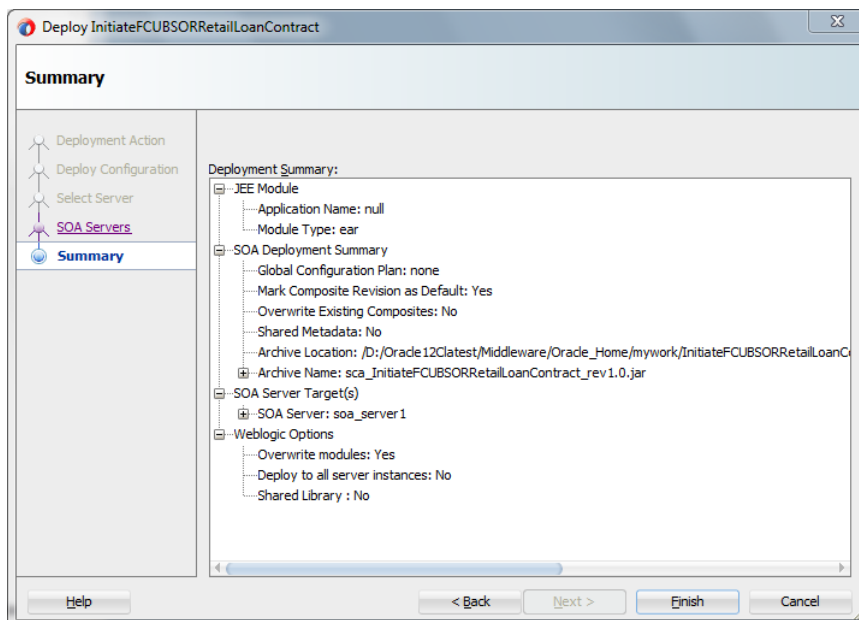
In case “Overwrite any existing composites with the same revision ID” checkbox is checked during the deployment, the active tasks which are currently running on the current revision of the process flow will be moved to “Stale” task status. The tasks which are in “Stale” status will not be displayed in the Oracle FLEXCUBE Application (under Task tab). Make sure that, before deploying the process, the “Overwrite any existing composites with the same revision ID” checkbox should be unchecked.



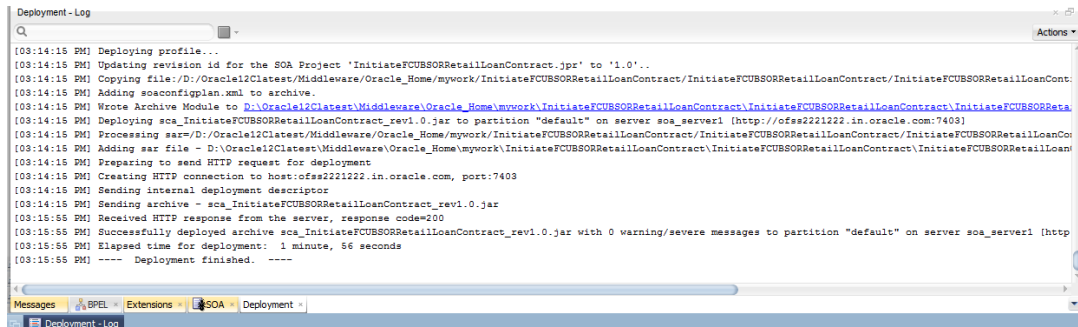
- Select the Application 'server' to which the deployment needs to be done.



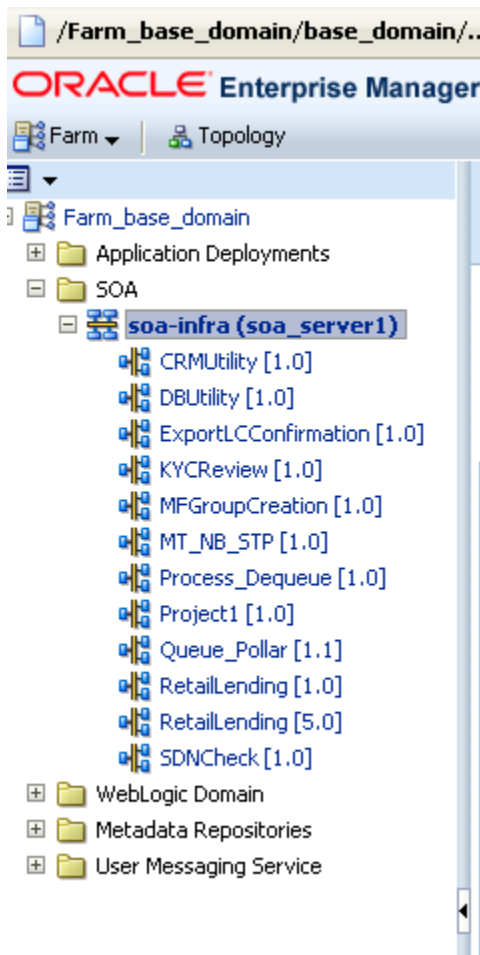
- View the summary of the deployment details and click 'Finish' to complete the deployment.



- The deployment status can be verified in the deployment status Log window.



- The deployed process can be verified by checking if the process is showing up in the SOA Suite enterprise manager console.
- Login to <http://<hostname>:<port>/em>
- Expand SOA - >SOA-infra and view all deployed applications



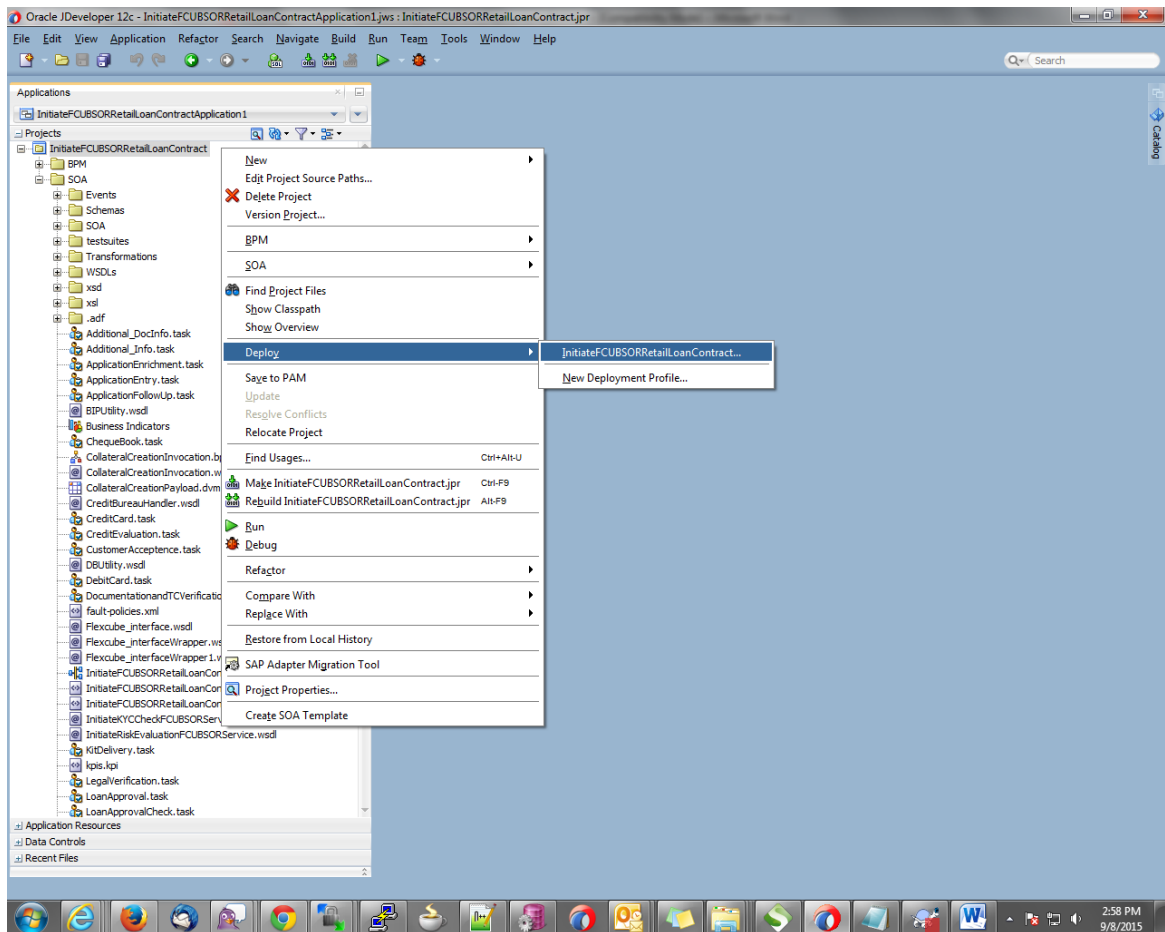
7. Deploying a Single Composite Application via Enterprise Manager Console

7.1 Introduction

This section describes how to build a SAR file for a single SOA composite application with Oracle JDeveloper and deploy the same via enterprise manager console.

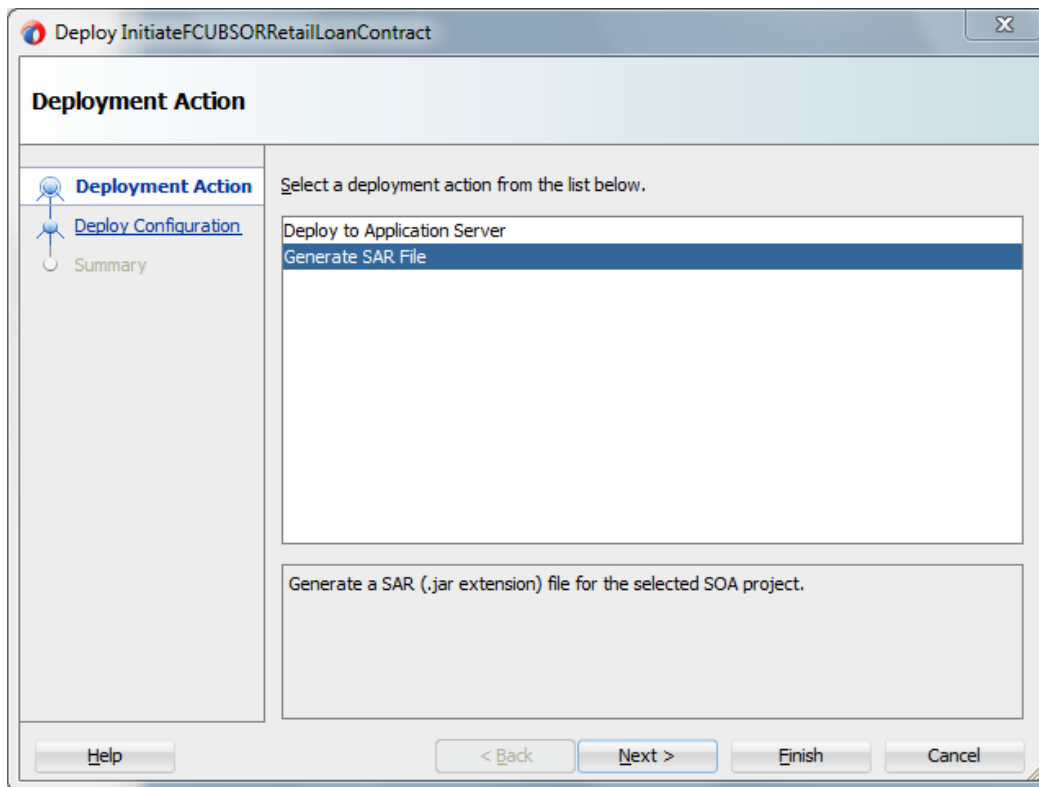
7.2 Deploying the Application

- Right click on the Application that needs to be deployed.
- Select 'Deploy' and then click on the default deployment profile which is the same as the application name.
- This will result in the deployment wizard screen being launched.



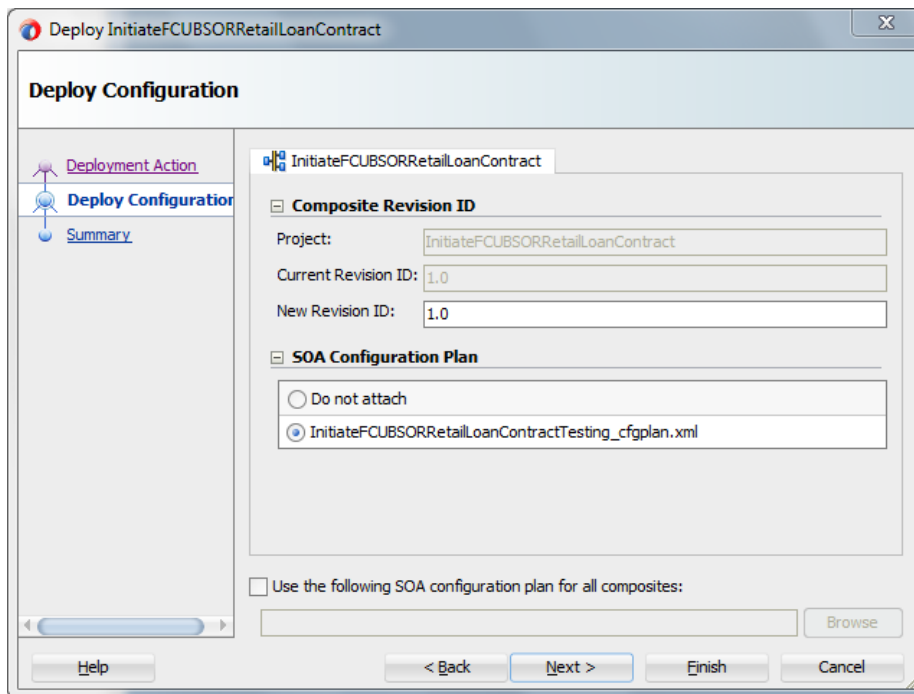
- In deployment action screen choose 'Deploy to SAR'

- Click 'Next' to proceed with the deployment.

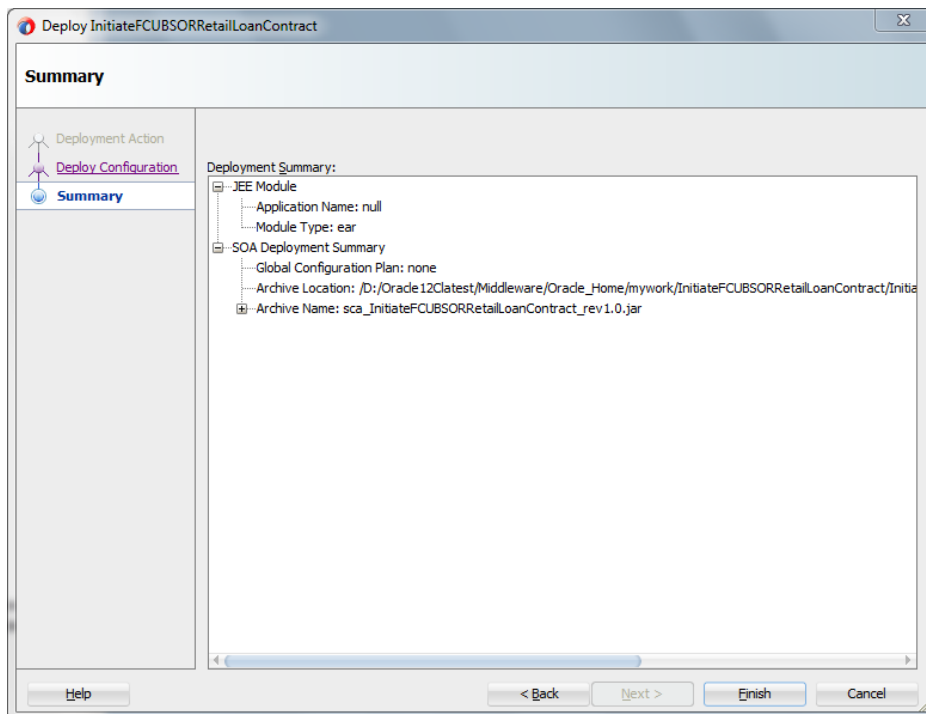


- In deployment configuration screen enter the revision
- Select the configuration plan.

- Click “Next” to proceed with the deployment.

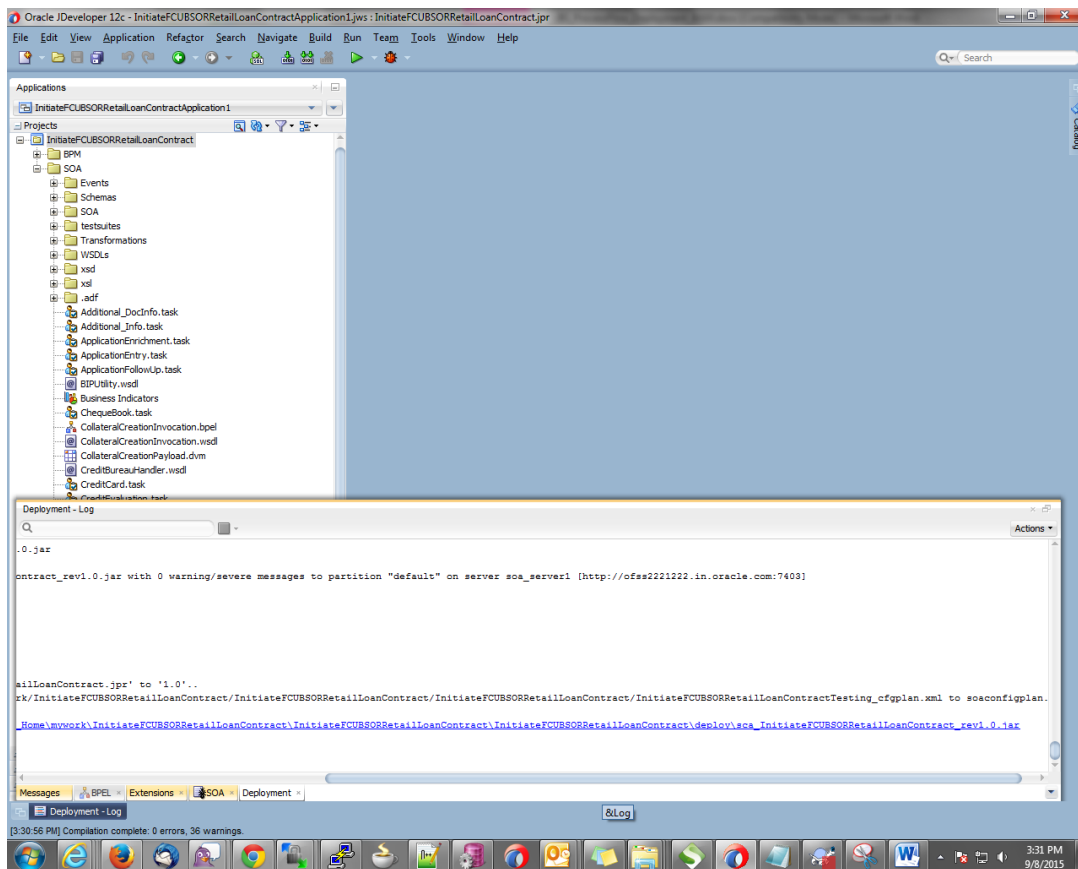


- Review the deployment summary screen
- Click “Finish” to proceed with the deployment.



- Review the deployment log

- It shows the folder onto which the SAR file is written.



- Login to the enterprise manager console.
- Login to <http://<hostname>:<port>/em>

ORACLE Enterprise Manager Fusion Middleware Control 12c

12^c

Login

Domain: Domain_dev_domain

* User Name

* Password

Login

Enterprise Manager Key Features

- ▶ **Oracle WebLogic Server Management**
You can manage, monitor and diagnose problems with Oracle WebLogic Server. You can create WebLogic Servers and WebLogic Clusters as well as deploy applications.
- ▶ **Oracle HTTP Server Management**
- ▶ **Monitor Availability and Performance**
- ▶ **Perform Complete Security and Audit Management**
- ▶ **Configure Logging and Search Log Files**

New in this Release

- ▶ **Enhanced Monitoring and Control of Components and Services**
Monitor the health of all components and services of your WebLogic Domain - including deployments, servers, clusters as well as data sources, messaging and asynchronous tasks. Control components and services of your WebLogic Domain - including deployments, servers, clusters, data sources and messaging.
- ▶ **Change Center**
- ▶ **Record WLST Scripts**
- ▶ **Complete Management of JDBC Data Sources**

Did you know...

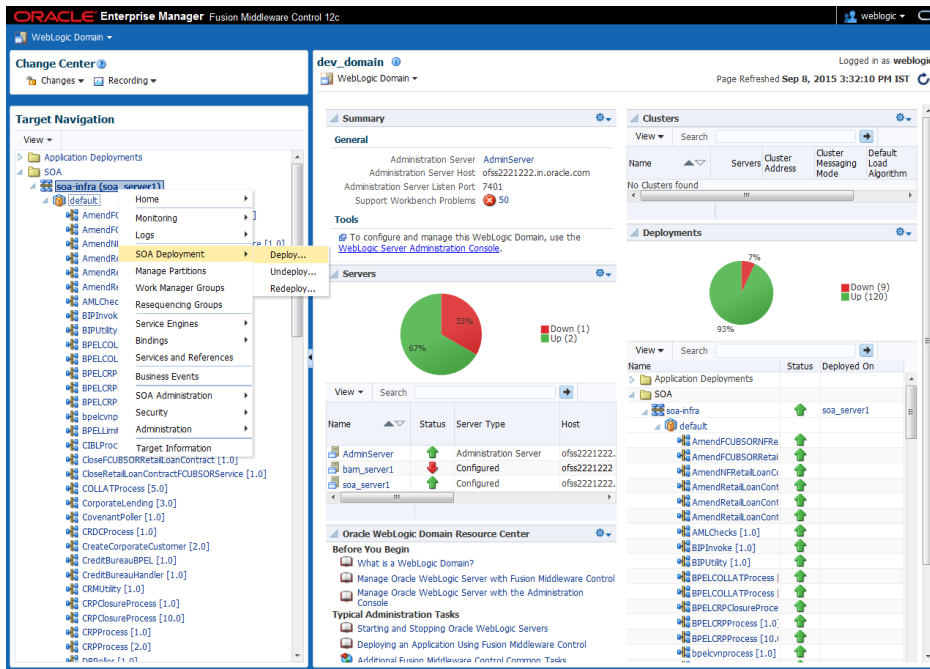
Routing Topology Viewer

You can visualize and monitor your Oracle WebLogic Domain environment from a graphical display. In doing so, you can easily understand how requests are routed across the stack.

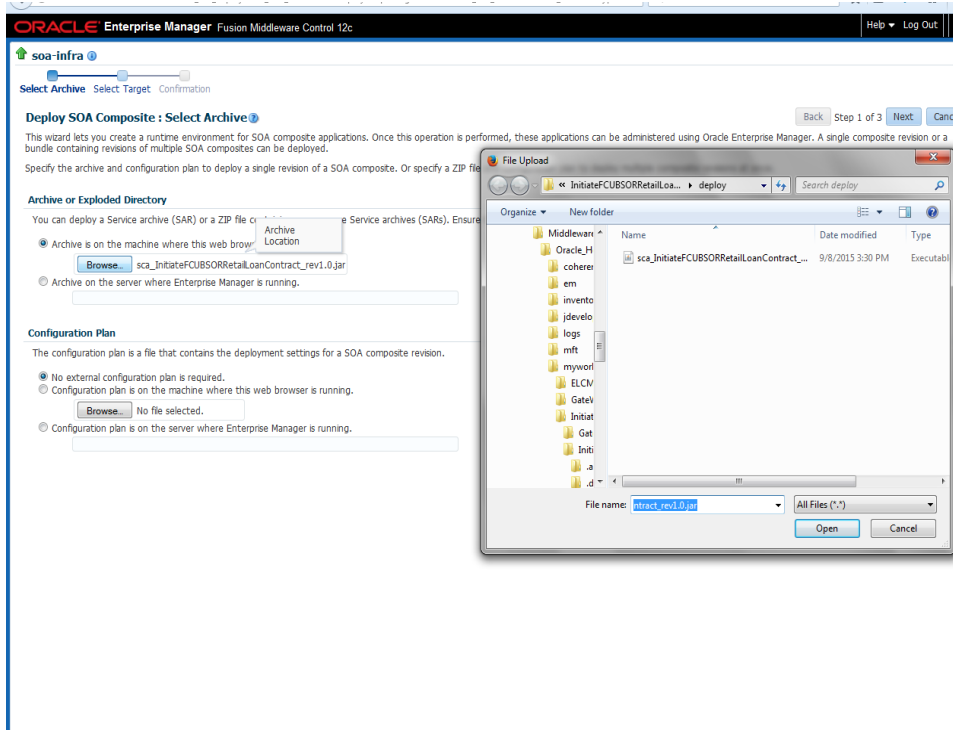
Copyright © 1996, 2014, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

- After logging in from the left pane - Expand 'SOA'
- Right click on SOA-infra

- Choose SOA Deployment -> and click “Deploy” option.



- Select the ‘SAR’ archive
- Select the deployment plan with which the application needs to be deployed as illustrated in the screen shot.



- Click on 'Next' to proceed with the deployment.

The screenshot shows the 'Deploy SOA Composite : Select Target' step in the Oracle Enterprise Manager Fusion Middleware Control 12c interface. The breadcrumb trail at the top indicates the sequence: 'soa-infra' > 'Select Archive' > 'Select Target' > 'Confirmation'. The current step is 'Select Target'. The title bar shows 'Back', 'Step 2 of 3', 'Next', and 'Cancel' buttons. The main content area is titled 'WebLogic Server or Cluster'. It contains a paragraph explaining that the composite will be deployed to the selected target. Below this, the 'Deployment Target' is set to '/Domain_dev_domain/dev_domain/soa_server1', the 'Type' is 'Oracle WebLogic Server', and 'SOA Composites Deployed' is '89'. There are two sections below: 'Token Configurations' with a paragraph about global token variables and a '[More Info...]' link, and 'SOA Partition' with a paragraph about logical groupings and a dropdown menu currently showing 'default'.

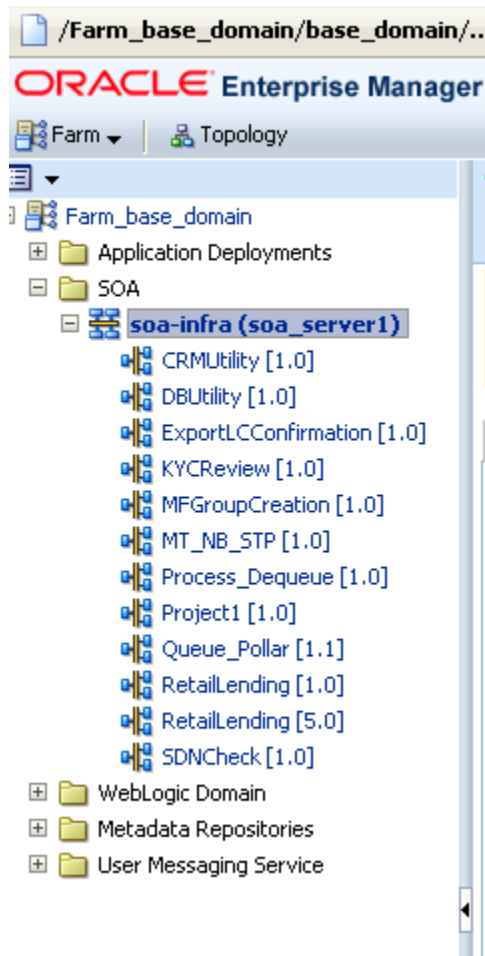
- Select default partition.
- Select the default revision option if this deployment needs to be the default one

The screenshot shows the 'Deploy SOA Composite : Confirmation' step in the Oracle Enterprise Manager Fusion Middleware Control 12c interface. The breadcrumb trail at the top indicates the sequence: 'soa-infra' > 'Select Archive' > 'Select Target' > 'Confirmation'. The current step is 'Confirmation'. The title bar shows 'Back', 'Step 3 of 3', 'Next', 'Deploy', and 'Cancel' buttons. The main content area is titled 'Deploy SOA Composite : Confirmation'. It contains a paragraph asking the user to click 'Deploy' to continue or 'Cancel' to cancel the operation. Below this, a table lists the deployment details: Composite Name (InitiateFCUBSORRetailLoanContract), Composite Revision (1.0), Archive Location (sca_InitiateFCUBSORRetailLoanContract_rev1.0.jar), Configuration Plan (No external plan specified), Deployment Target (/Domain_dev_domain/dev_domain/soa_server1), and SOA Partition (default). There are two sections below: 'Default Revision' with a paragraph explaining the options and two radio buttons: 'Deploy as default revision' (which is selected) and 'Do not change the default revision'.

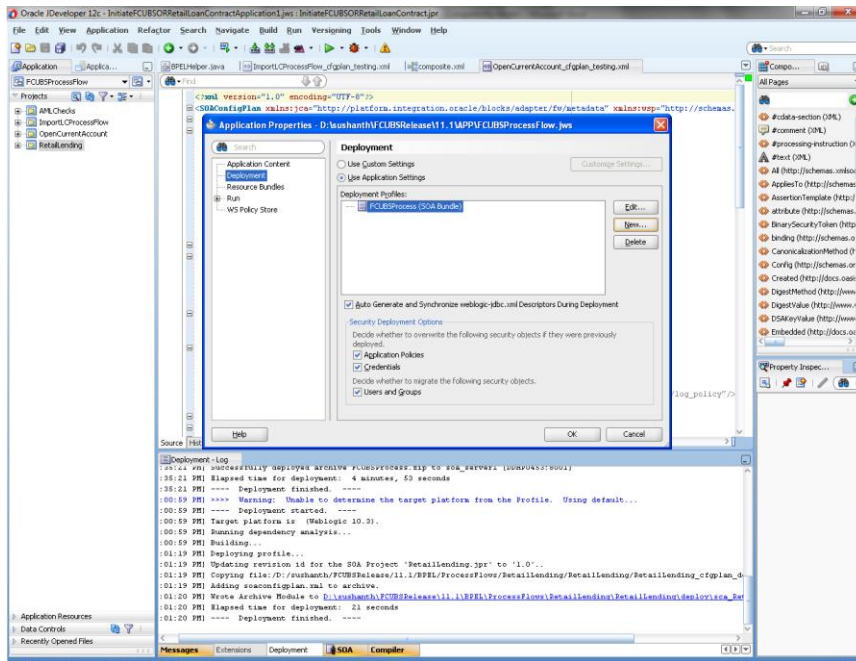
-

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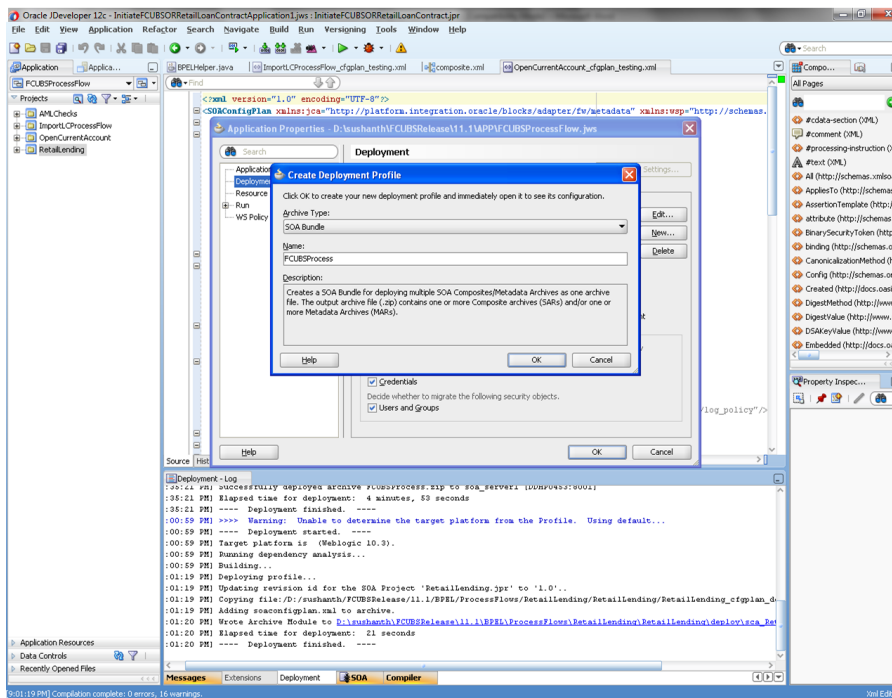
- Check the deployed process from the enterprise manager console



- Click New.

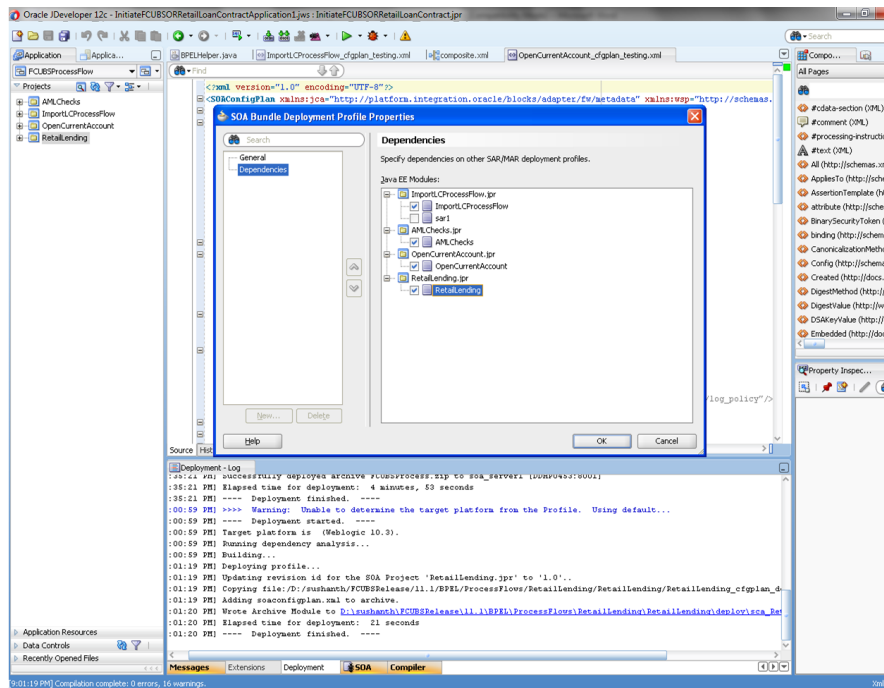


- The Create Deployment Profile dialog appears.
- In the Archive Type list, select SOA Bundle.
- In the Name field, enter a name and click 'OK'.

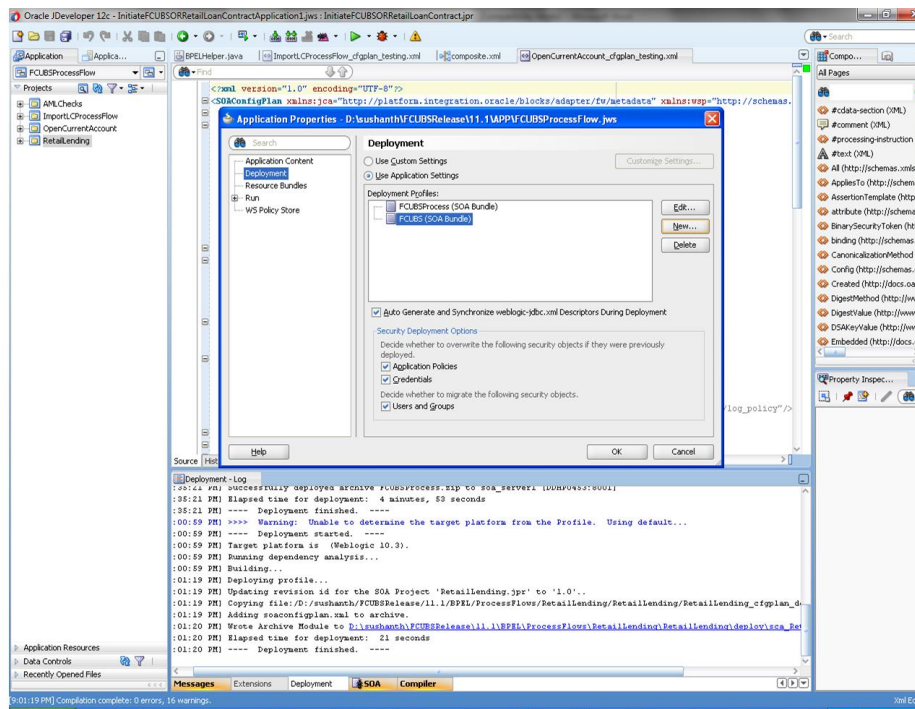


- In the navigator on the left, select the Dependencies node.

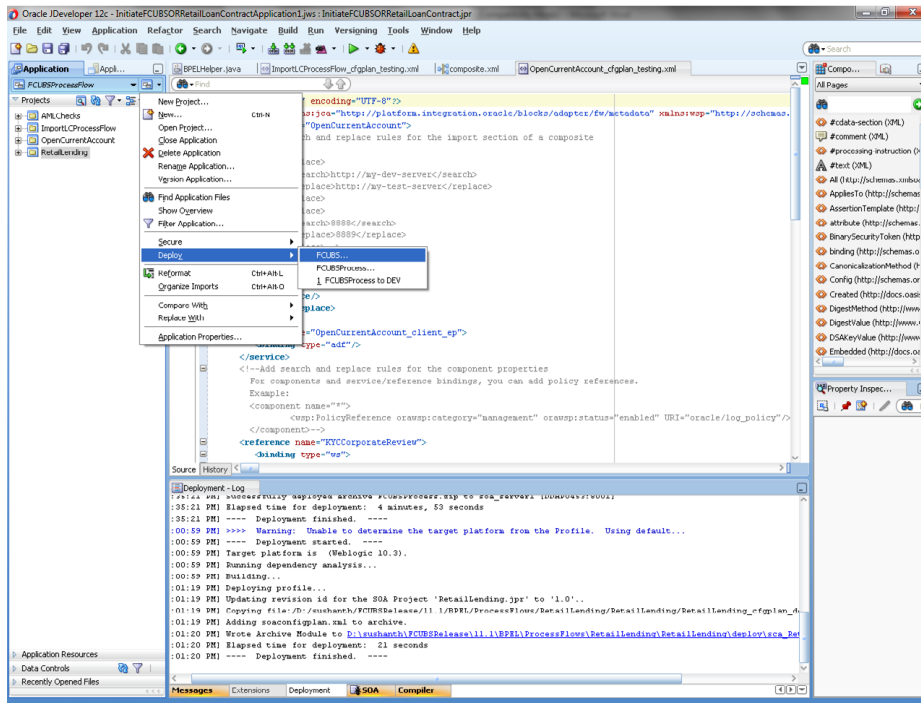
- Select the SARs you want to include in this bundle, as illustrated in the screen shot
- Click OK.



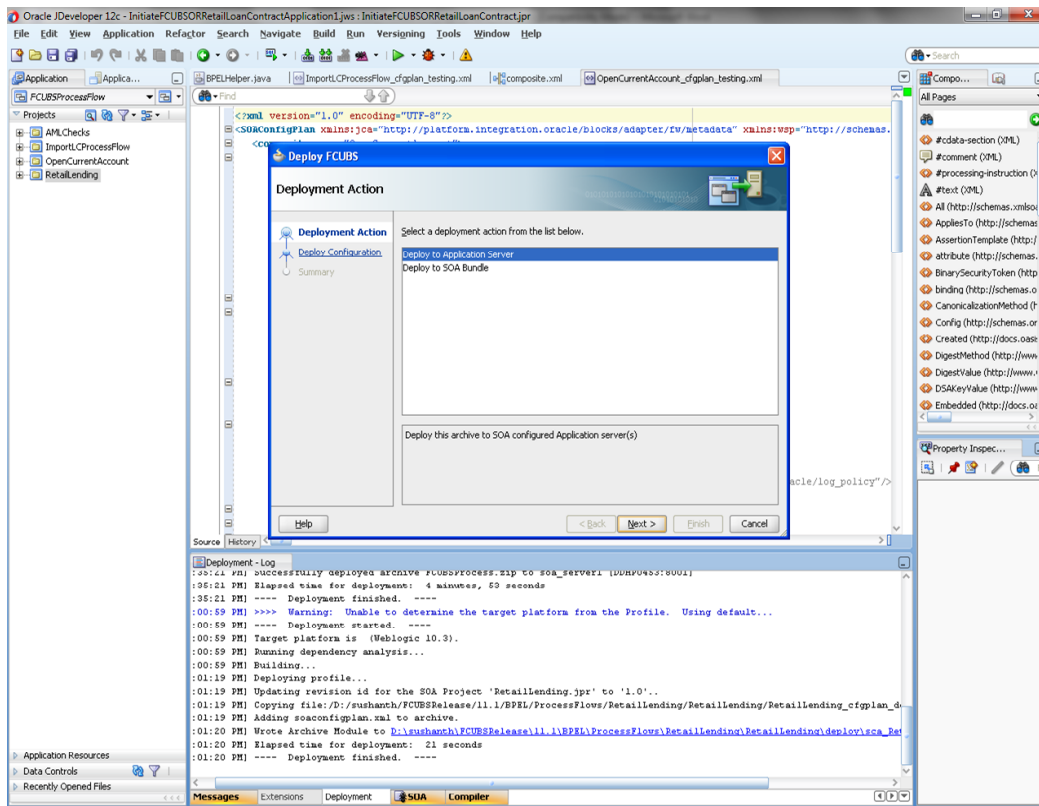
- Click OK to close the Application Properties dialog.



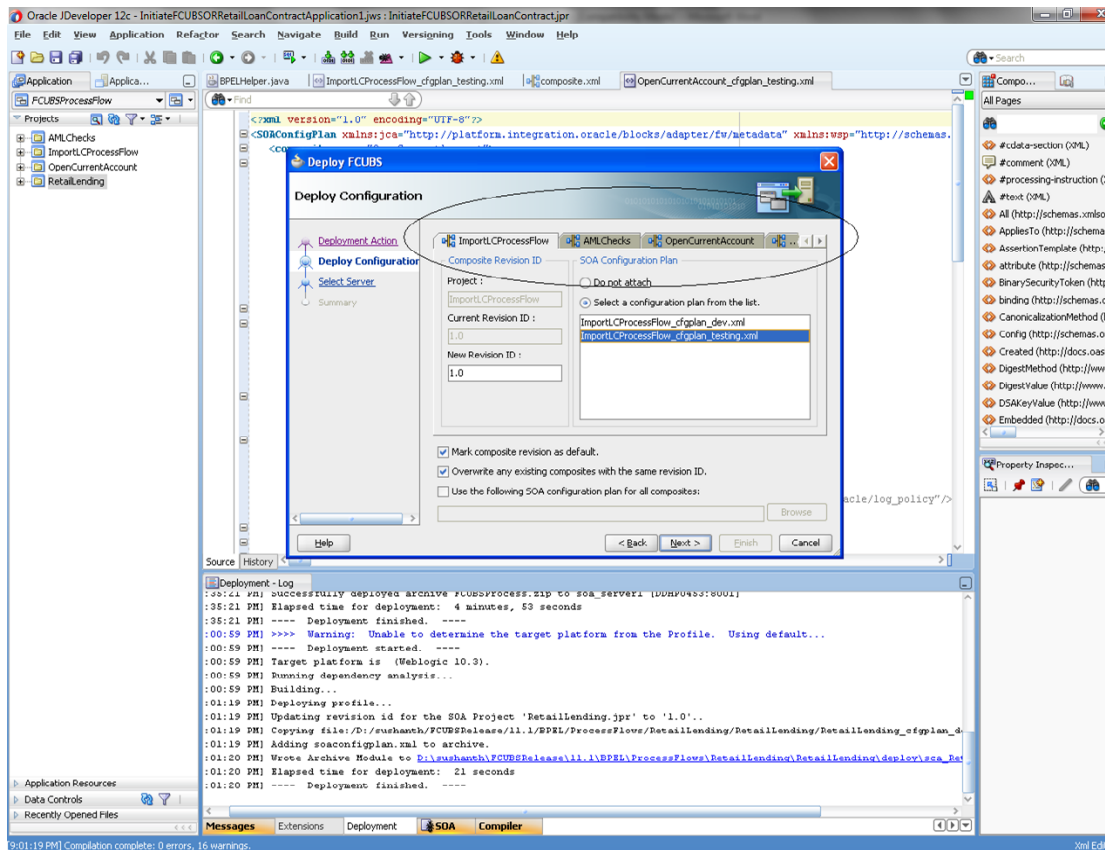
- Select the Application menu again, then select Deploy > SOA_bundle_name



- Deployment screen is launched , Select 'Deploy to Application Server'

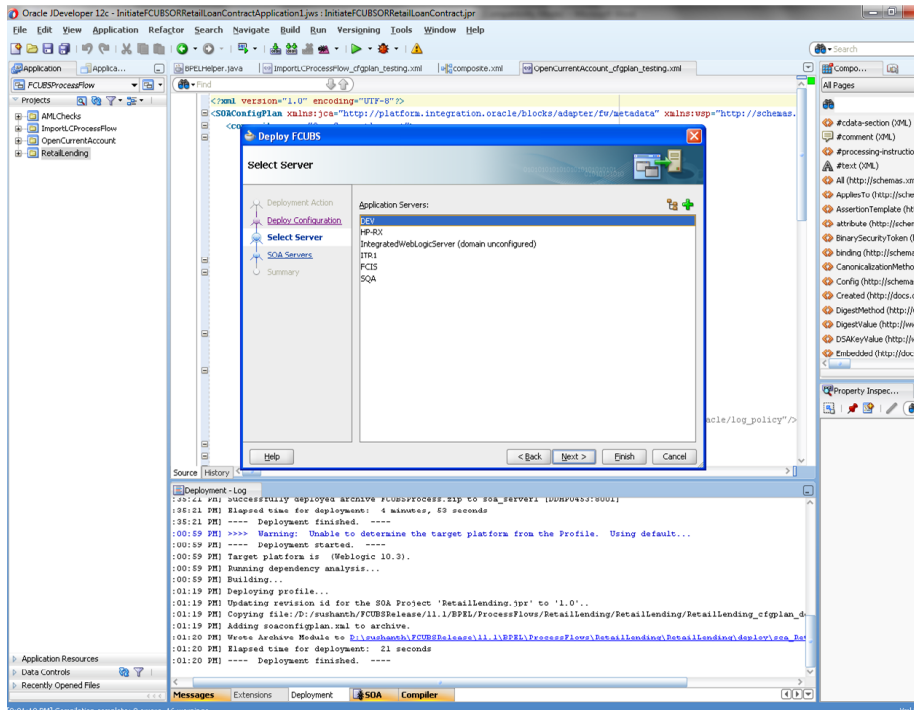


- Deployment configuration is done as illustrated in the below screen shot for each application which is displayed in the tab, application navigation can be done using the pointer provided at the end of the tab.
- Select a Revision with which the deployment should happen
- Select a " Configuration Plan" that was updated as given in Section 5
- Remember to check both the checkboxes
 - "Mark composite revision as 'default'"
 - "Overwrite any existing composites with the same revision ID"
- After all the applications are configured Click "Next" to proceed with the deployment.

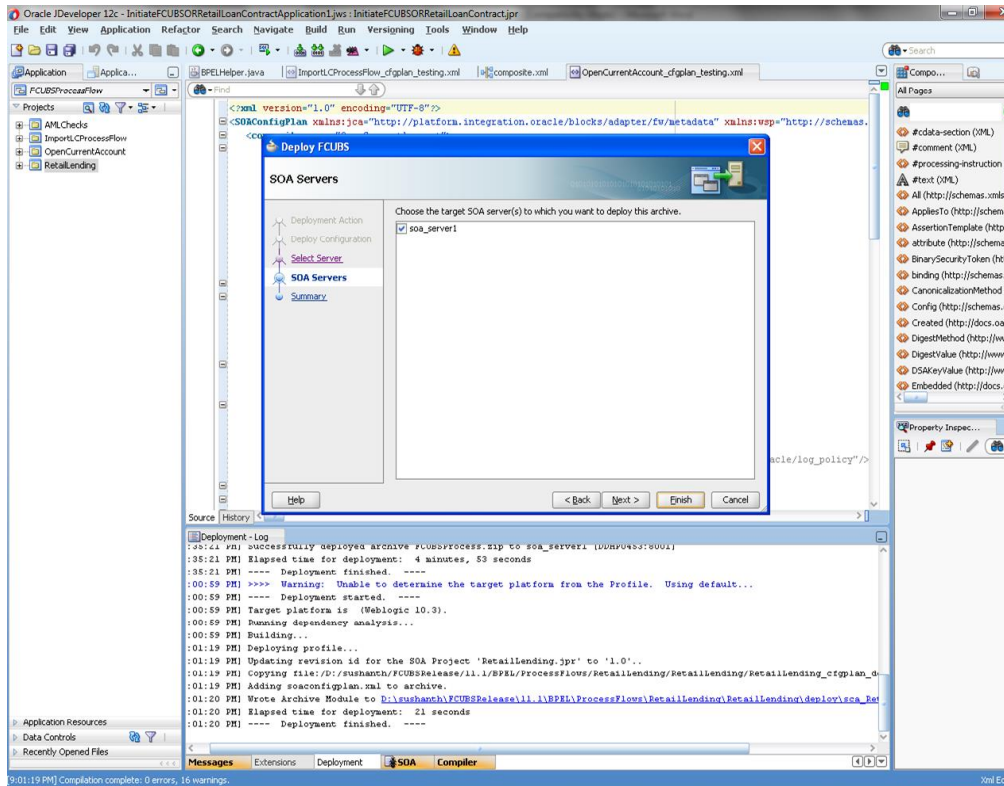


- Select the Application server 'Server Connection' configured that was done in Section 3 to which the deployment needs to be done

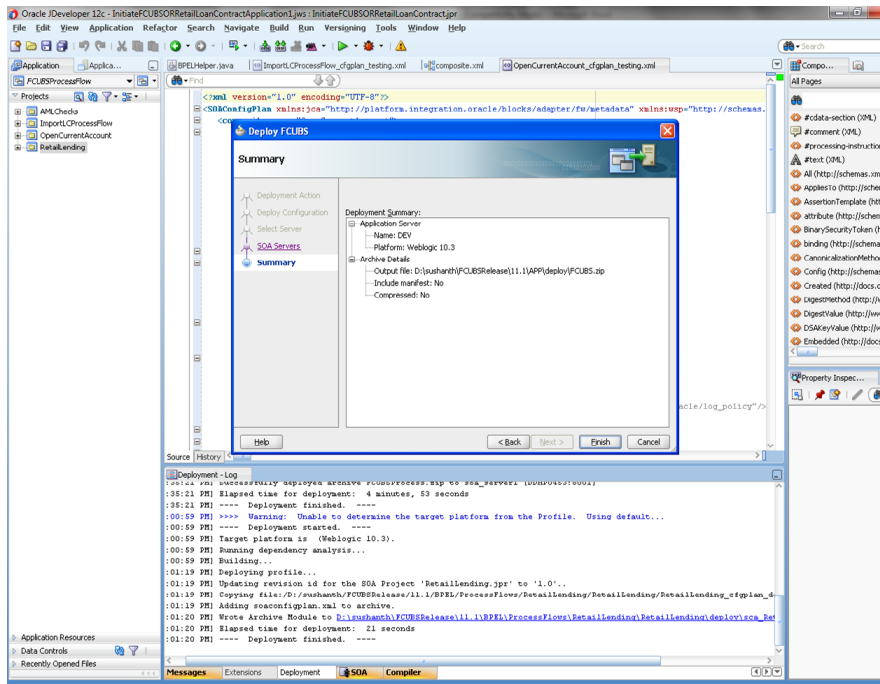
- Click 'Next' to proceed with the deployment.



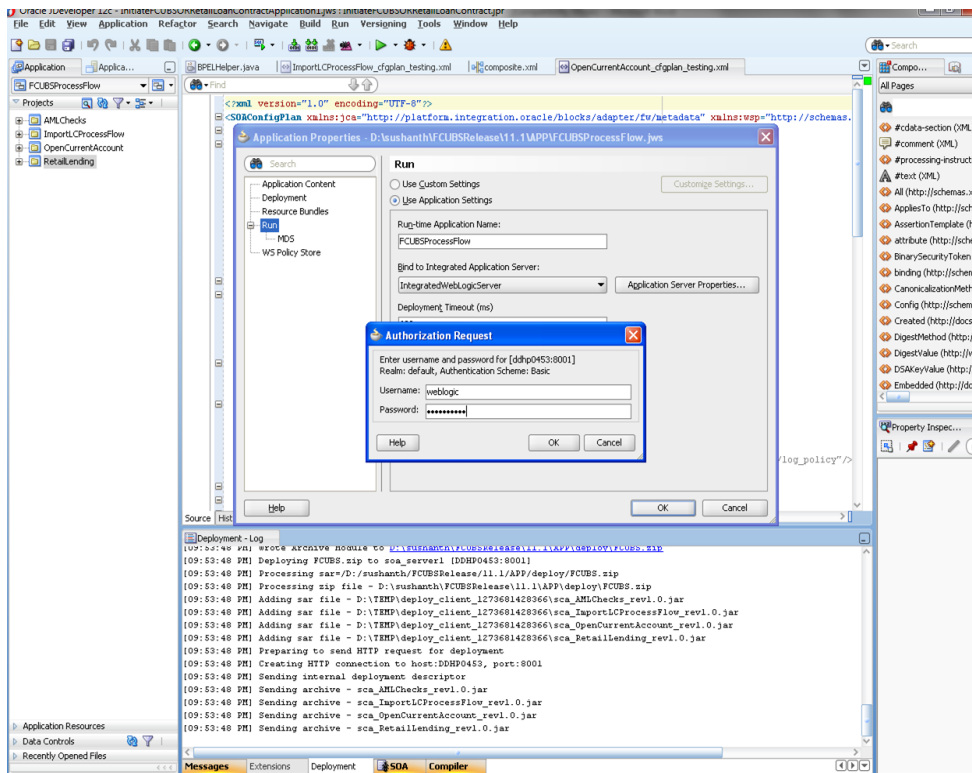
- Select the Application 'server' to which the deployment needs to be done.



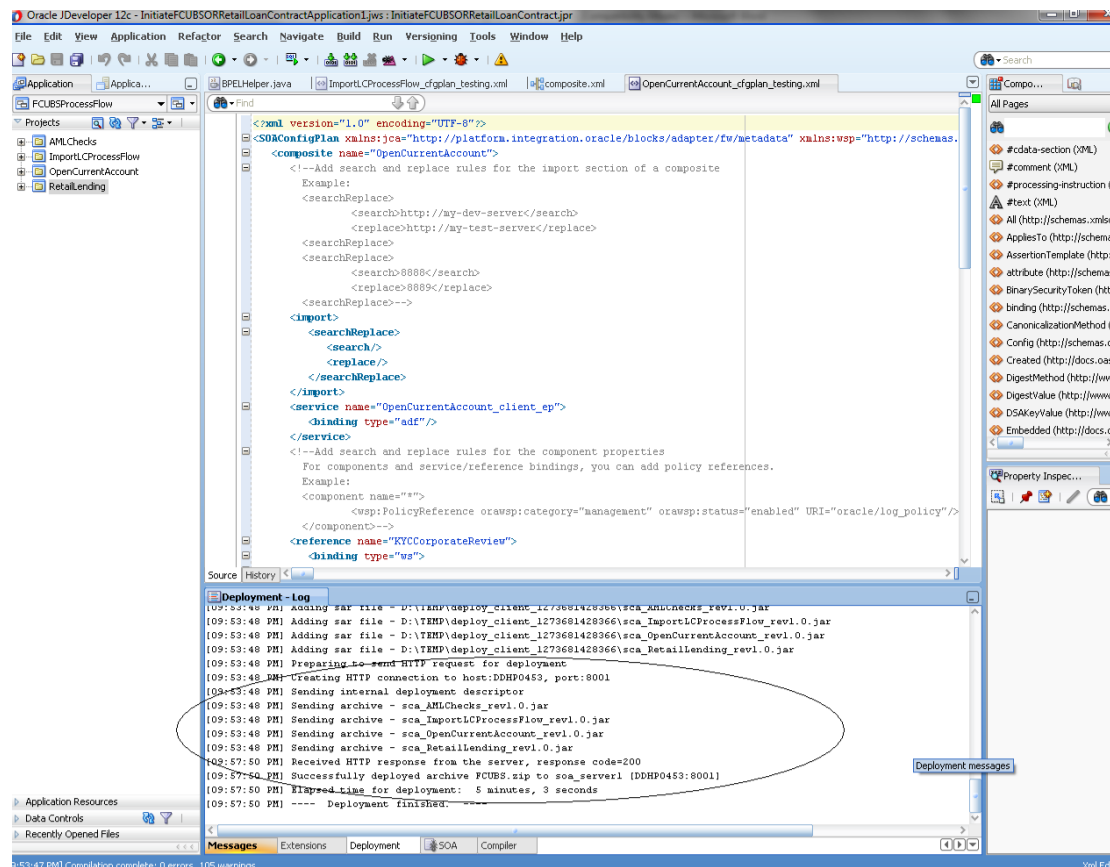
- View the summary of the deployment details and click 'Finish' to complete the deployment.



- If the server prompts for username / password provide the credentials for the server.

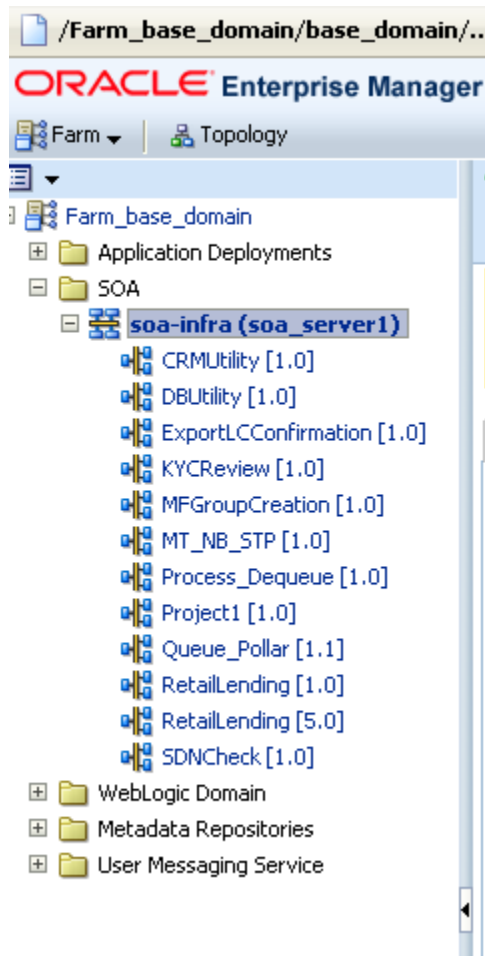


- The deployment status can be verified in the deployment status Log window.



- The deployed process can be verified by checking if the process is showing up in the SOA Suite enterprise manager console.
- Login to <http://<hostname>:<port>/em>

- Expand SOA - >SOA-infra and view all deployed applications



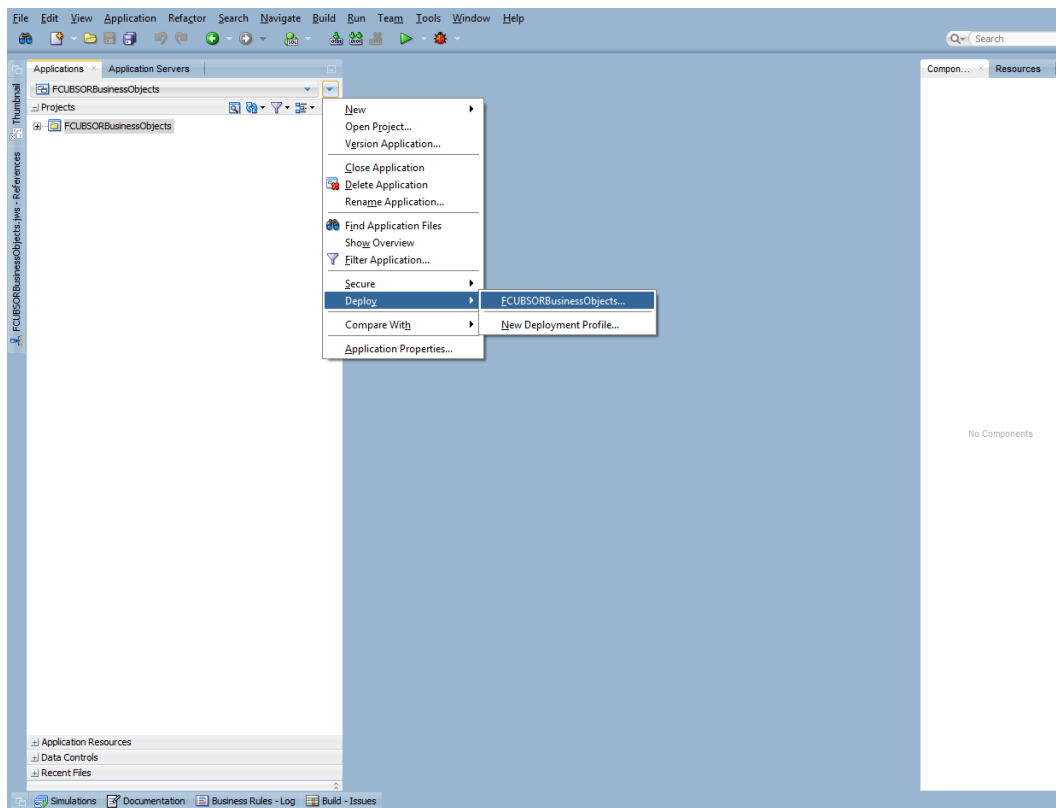
9. Deploying MDS application using JDeveloper

9.1 Introduction

This section describes how to deploy a MDS application with Oracle JDeveloper with respective target environment.

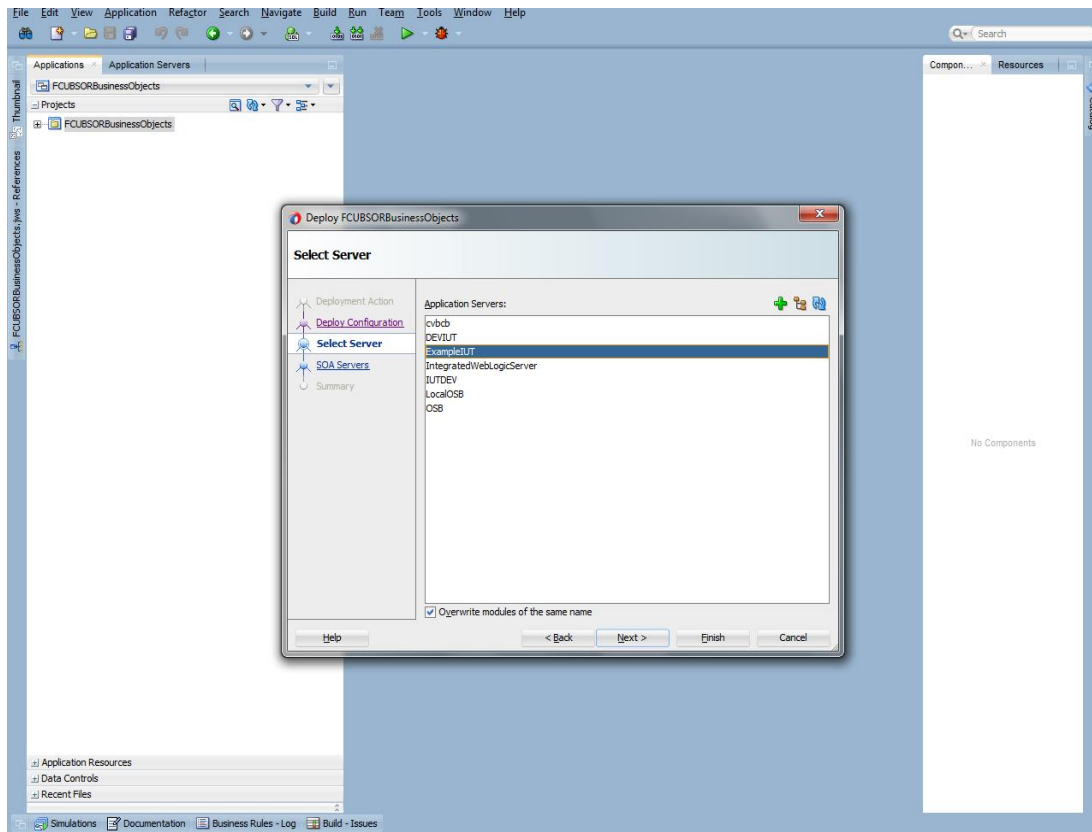
9.2 Deploying the Application

- Load the MDS Application(FCUBSORBusinessObjects,FCUBSORServiceObjects) in Jdeveloper
- Right click on the “Application” tab in the Jdeveloper
- Select ‘Deploy’ and then click on the default deployment profile which is the same as the application name.
- This will result in the deployment wizard screen being launched.

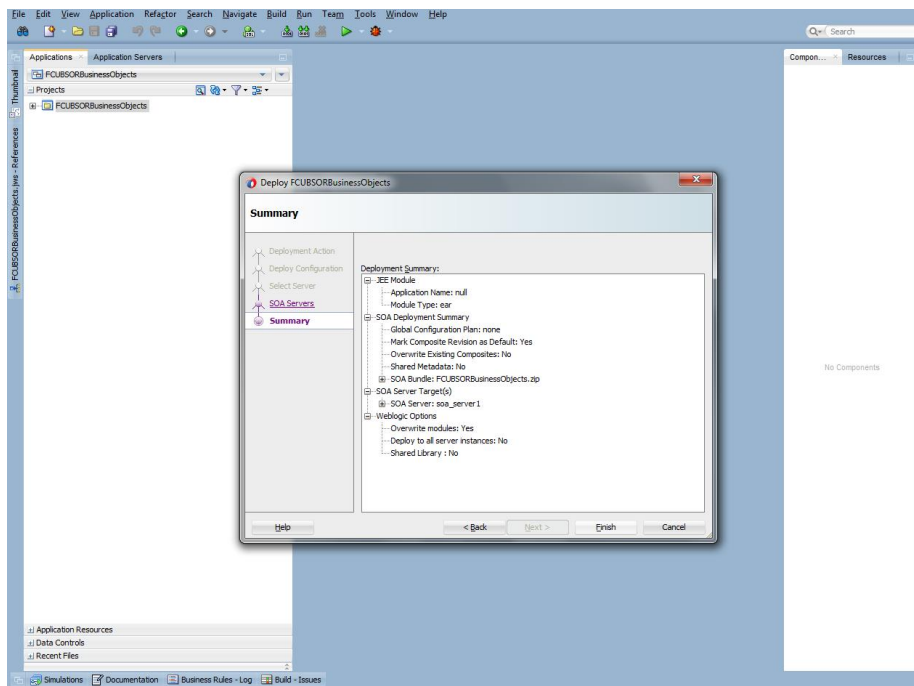
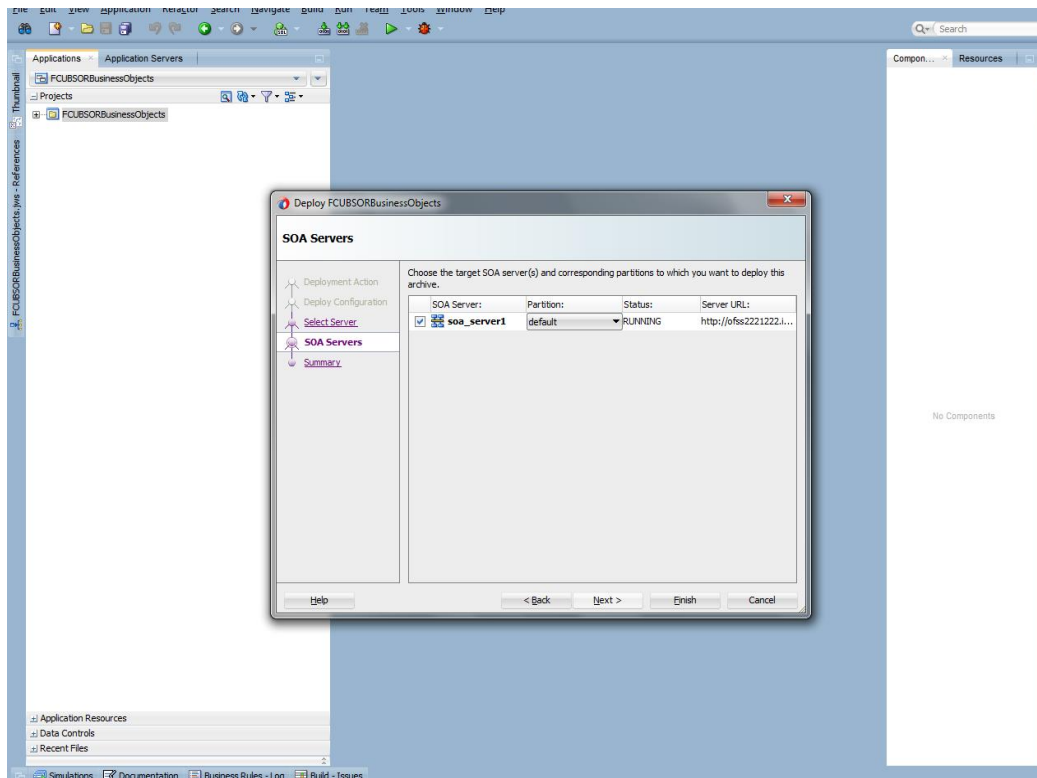


- In deployment action screen choose Deploy to Application Server.
- Click Next→Next to proceed with deployment.

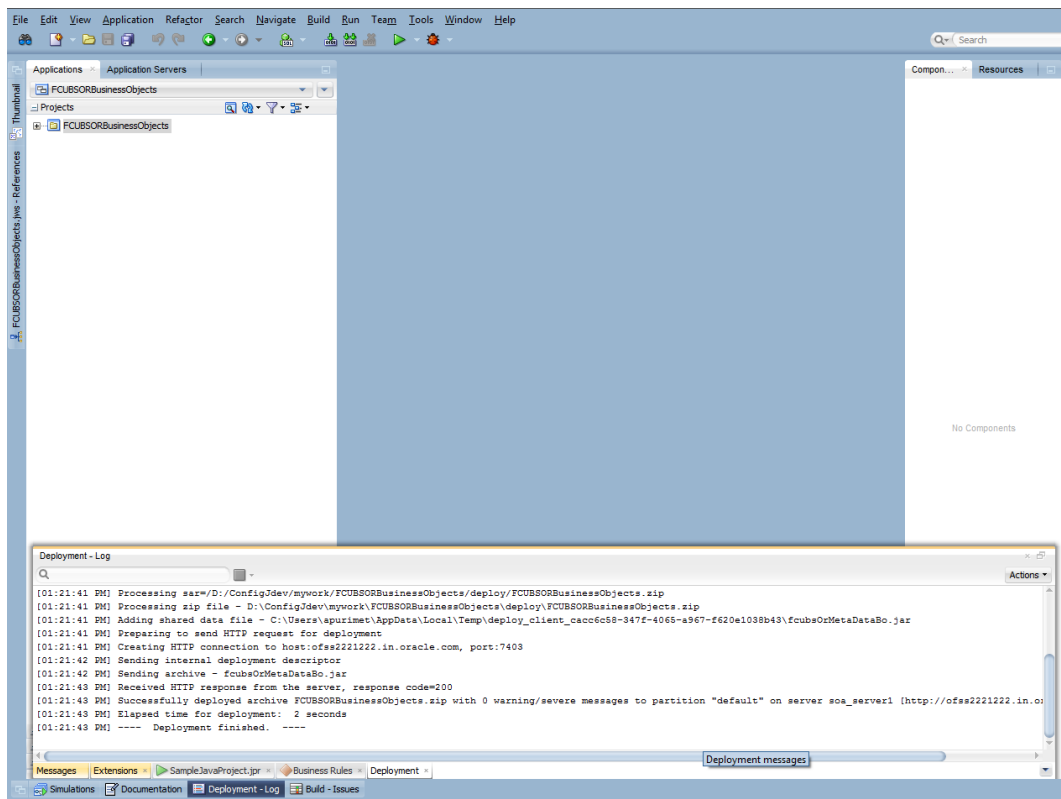
- Select the Application Server to which the MDS Application Needs to Deploy.



- Click Next and Finish buttons on the deployment wizard after selecting application server.

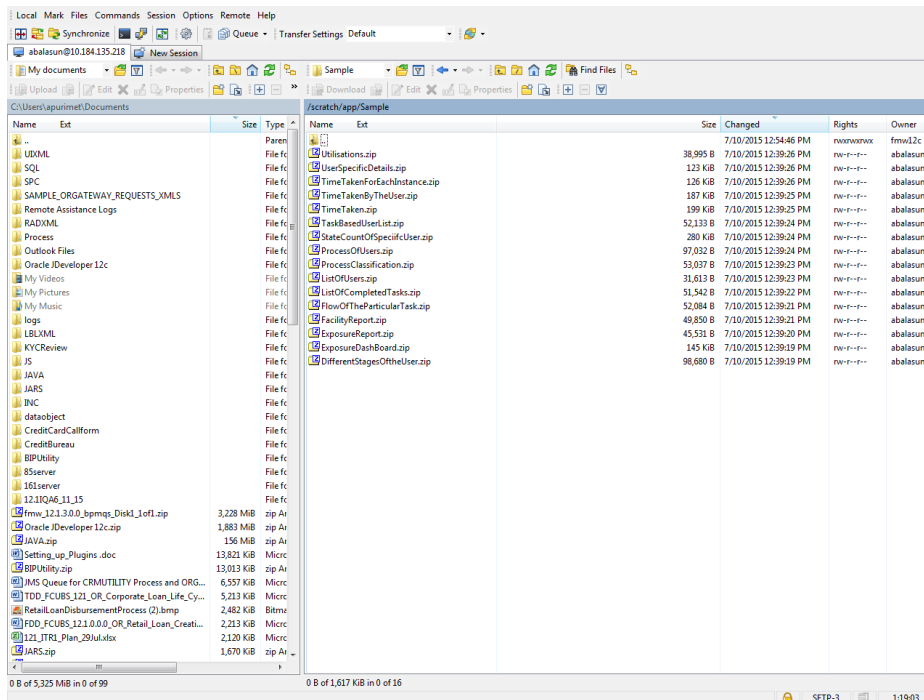
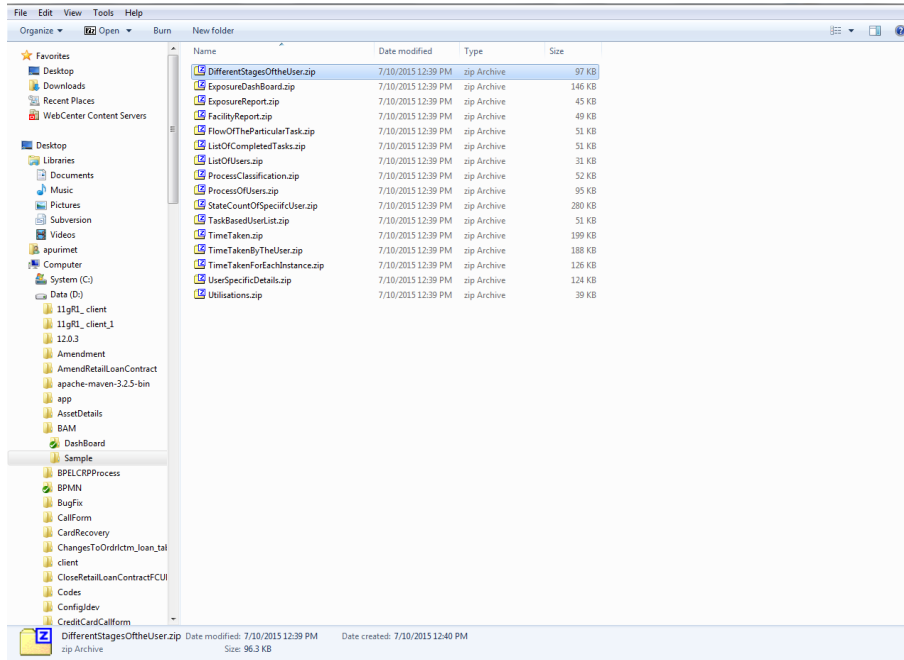


- Review the deployment log to see successfully deployed message as below



10. Deployment and configuration of Oracle BAM Reports

Copy the BAM Dashboards Units (.Zip) from /SOFT/MAIN/OR/Process_infra/Reports/BAM to server location.



Configure the BAM server location, port username and password in BAMCommandConfig.xml. It is available in MIDDLEWARE_HOME\soa\bam\bin\BAMCommandConfig.xml

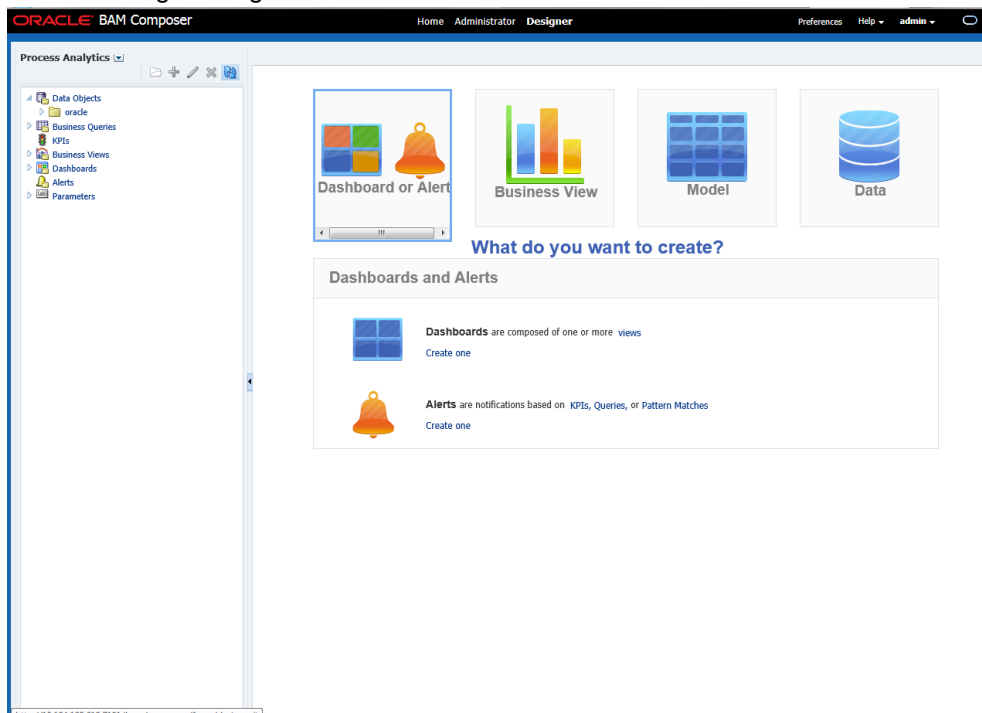
Example:

```

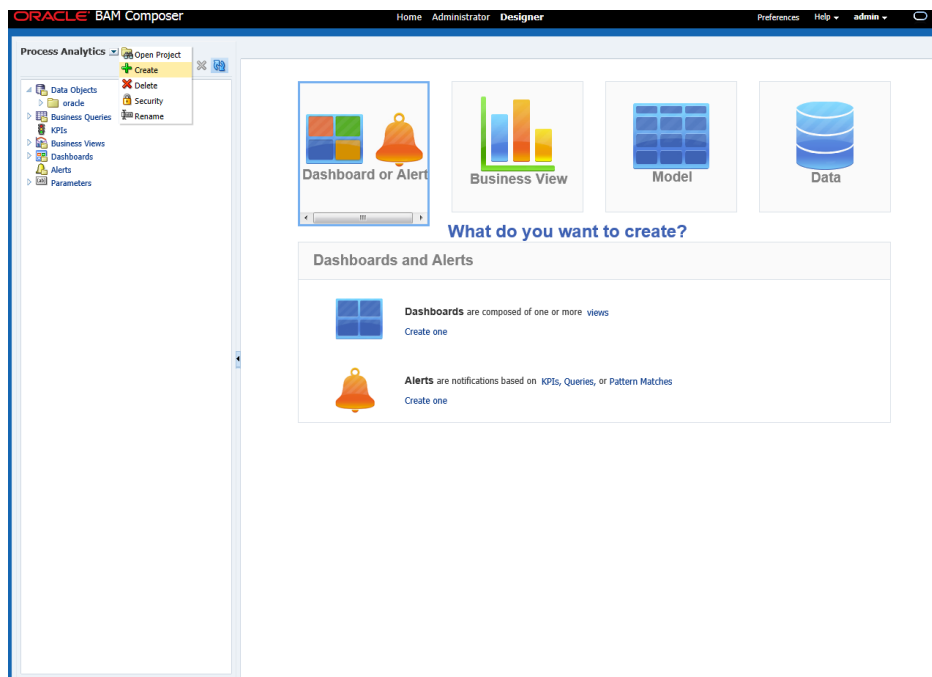
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<BAMCommandConfig>
  <host>of52221222</host>
  <port>7404</port>
  <username>weblogic</username>
  <password>V2op1Se+pf0h2obpazxswmxyk6jxvqt8qvCu85pv1QnkpxkF1ux3C3EgrmV1Z</password>
  <dbuser>DEV12_SOAINFRA</dbuser>
  <dburl>jdbc:oracle:thin:@10ca1host:1521:xe</dburl>
</BAMCommandConfig>

```

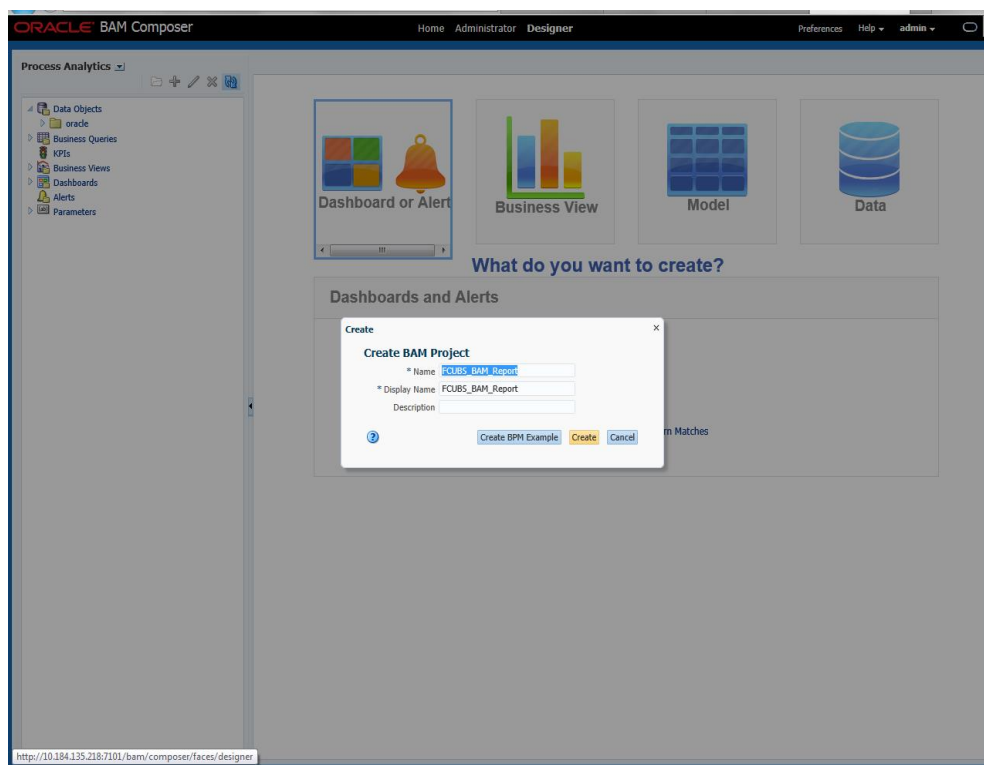
- 1) Login to BAM Composer. (<http://hostname:BAMserverPort/bam/composer>).
- 2) Go the Designer Page.

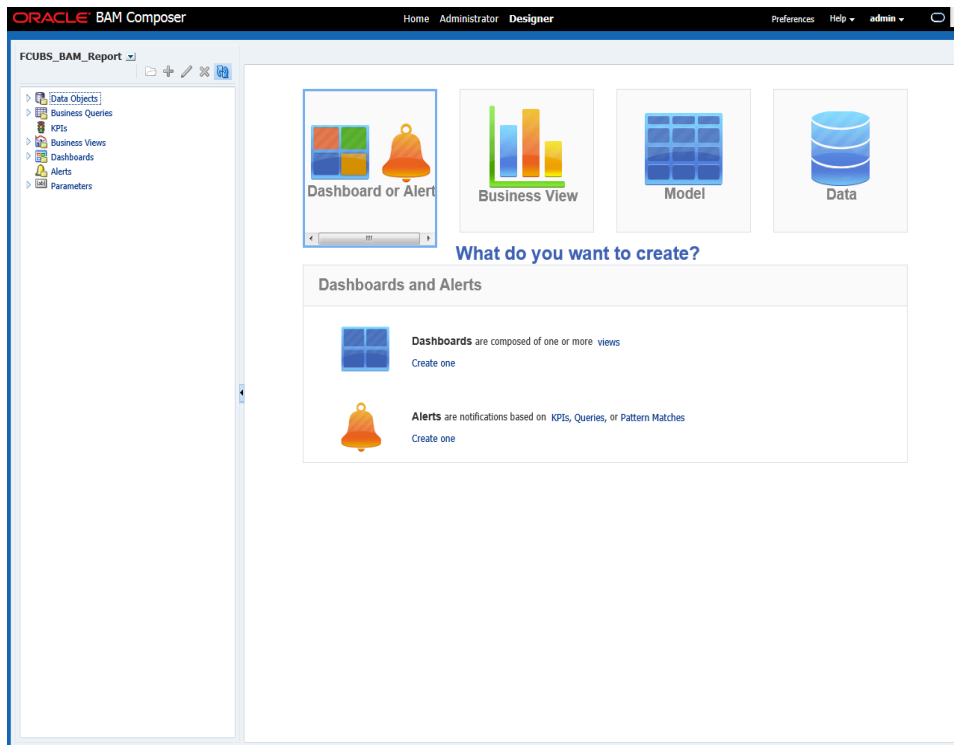


Click on create.



- Enter the Name and Display Name as **FCIS_BAM_Report** and click on Create button





- Set proper JAVA_HOME.

```
bash-4.1$ export JAVA_HOME=/usr/java/jdk1.7.0_60
bash-4.1$ e
```

- Execute the Below BAM Command to import the Dash Board in to the server.

./bamcommand -cmd import -mode overwrite -name "FCUBS_BAM_Report/DifferentStagesOftheUser" -type dashboard -file "/scratch/app/Sample/DifferentStagesOftheUser.zip" from the below path MIDDLEWARE_HOME\soa\bam\bin.



FCIS Process Flow Deployment
[May] [2019]
Version 14.1.0.0.0

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