Installation Guide
Oracle Banking Branch
Release 14.4.0.0.0

Part No. F37097-01

[January] [2021]

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1. Preface

1.1 Introduction

This guide helps you to install the Oracle Banking Branch services, User Interface, and Conductor Process flow on designated environments. It is assumed that all the prior setup is already done related with WebLogic installation, WebLogic managed server creation and Oracle DB installation.
It is recommended to use dedicated managed server for each of the Plato infrastructure services, Oracle Banking Branch Services and Oracle Banking Branch User Interface.

1.2 Audience

This document is intended for WebLogic admin or ops-web team who are responsible for installing the OFSS banking products.

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/us/corporate/accessibility/index.html.

1.4 Organization

This installation user guide would allow you to install the below mentioned Oracle Banking Branch services, UI, process flow in same order:

Oracle Banking Branch Services

1. obpy-party-maintenance-service
2. obpy-stage-services
3. obpy-party-services
4. obpy-party-kyc-services
5. obpy-businessprocess-services
6. obpy-party-handoff-services
7. obpy-party-publisher-services
8. obpy-party-adapter-services
9. obremo-srv-bcn-branchcommon-services
10. obremo-srv-adp-adapter-services
11. obremo-srv-cas-cash-services
12. obremo-srv-cmn-ml-processing
13. obremo-srv-cmn-transaction-services
14. obremo-srv-cus-customer-services
15. obremo-srv-pay-payment-services
16. obremo-srv-prj-projection-services
17. obremo-srv-tds-term-deposit-services
18. obremo-srv-cmn-utils-service
19. obbrn-srv-biz-businessprocess-services

Along with the above war files, only if it is an ITALY localisation implementation, deploy the war files mentioned below:

1. obremo-batch-cancelmavbatch-extended-services
2. obremo-batch-futuremavprocess-extended-services
3. obremo-blockmavnos-service
4. obremo-cirularchq-service
5. obremo-endtellerlargedenom-service
6. obremo-issuemav-service
7. obremo-mavbatchprocess-service
8. obremo-mrfparams-service
9. obremo-mrfpaymenttxn-service
10. obremo-statictype-service

User Interface

Follow the below steps to migrate from existing app-shell build to Foundation app-shell. With Foundation app-shell, UI war is split into individual component server war files. All the component server war files should be deployed in the same managed server.

For Common Core war files, deploy the war files mentioned below:

1. app-shell
2. cmc-component-server
3. moc-component-server
4. sms-component-server

For Domain Specific war files, deploy the individual component server war files mentioned below:

1. obbrn-component-server
2. obpy-component-server

ITALY Specific Application

Along with the above war files, only if it is an ITALY localisation implementation, deploy additional application ‘extended-cluster.war’ (name as appropriate) provided with the shipped sources.

Process Workflow

1. ACCOUNTADDRESSUPDATE
2. CUSTOMERADDRESSUPDATE
3. CUSTOMERCONTACTUPDATE
4. OBPY-PARTY-ONBOARDING-PROCESSFLOW
5. OBPY-PARTY-AMENDMENT-PROCESSFLOW
6. OBPY-PARTY-CORP-ONBOARDING-PROCESSFLOW

1.5 Related documents

For more information, refer to the following documents:

- Getting Started User Guide
- Pre installation Guide
- ANNEXURE-1

2. Database Setup

2.1 Introduction

In this section you are going to setup database related configuration for Oracle Banking Branch Installation. It is recommended to create different schema for each application. Below setup is designed to work with separate schema for each application.

2.2 Pre-requisite

In this section, you are going to setup database related configuration for Oracle Banking Branch Installation. Before you proceed, ensure pre-installation setup is done. The pre-installation setup includes the configuration of database, setting up the setUserOverrides.sh. After creating the schema for each of the required micro services, DDLs and INCs of each micro-service to be compiled in the respective schemas. The DDLs and INCs ensure the creation of tables and availability of static data required for the execution of services. These are compiled automatically using flyway.

2.3 Database Setup

To setup DB for Oracle Banking Branch schema's to be created:

Service Name	Schema Required
obpy-stage-services	Yes (obpy-party-service schema)
obpy-party-services	Yes
obpy-party-kyc-services	Yes (obpy-party-service schema)
obpy-businessprocess-services	Yes (New Schema to be created for obpy-businessprocess-services for the JNDI jdbc/OBPYTCM)
obpy-party-handoff-services	Yes (obpy-party-service schema)
obpy-party-publisher-services	Yes (obpy-party-service schema)
obpy-party-maintenance-service	Yes (obpy-party-service schema)
obpy-party-adapter-services	Yes (obpy-party-service schema)
obremo-srv-bcn-branchcommon-services	Yes
obremo-srv-adp-adapter-services	Yes
obremo-srv-cas-cash-services	Yes
obremo-srv-cmn-ml-processing	No (obremo-srv-bcn-branchcommon-services schema)
obremo-srv-cmn-transaction-services	Yes

Service Name	Schema Required
obremo-srv-cus-customer-services	Yes
obremo-srv-pay-payment-services	Yes
obremo-srv-prj-projection-services	Yes
obremo-srv-tds-term-deposit-services	Yes
obremo-srv-cmn-utils-services	No (obremo-srv-bcn-branchcommon-services schema)
obbrn-srv-biz-businessprocess-services	Yes (obbrn-srv-biz-businessprocess-services schema)

2.4 Database Link Creation

Projection services from Oracle Banking Branch has to interface with Transaction and Payment service. To address above requirement, a database link has to be created in Transaction and Payment schema with the name PROJECTIONDBLINK pointing to Projection service's schema.

3. Oracle Banking Branch Services Domains Configuration

3.1 Prerequisites

1. Machine should have Java JDK has installed.
2. Oracle Fusion Middleware Infrastructure has to be installed on the machine.

   NOTE: Before proceeding with below steps complete Plato installation guided.

3. Steps for creating all Oracle Banking Branch domains, properties like port numbers, names will be changing based on the domain. Screenshots provided for such deviations. Domain creation process remains the same.

NOTE: For the exact version to be installed, refer to **Software Pre-requisites** section in **License Guide**.

3.2 Oracle Banking Branch Service Domain Creation

It is recommended to have separate domain for Oracle Banking Branch application. For Creating Domain and Configuration, refer to **How to create and Cluster Configuration** section in ANNEXURE-1.

Service Name	Domain Name
obpy-stage-services	Oracle Banking Branch Domain
obpy-party-services	Oracle Banking Branch Domain
obpy-party-kyc-services	Oracle Banking Branch Domain
obpy-businessprocess-services	Oracle Banking Branch Domain
obpy-party-handoff-services	Oracle Banking Branch Domain
obpy-party-publisher-services	Oracle Banking Branch Domain
obpy-party-maintenance-service	Oracle Banking Branch Domain
obpy-party-adapter-services	Oracle Banking Branch Domain
obremo-srv-bcn-branchcommon-services	Oracle Banking Branch Domain
obremo-srv-cas-cash-services	Oracle Banking Branch Domain
obremo-srv-cmn-transaction-services	Oracle Banking Branch Domain
obremo-srv-pay-payment-services	Oracle Banking Branch Domain
obremo-srv-tds-term-deposit-services	Oracle Banking Branch Domain
obremo-srv-adp-adapter-services	Oracle Banking Branch Domain
obremo-srv-cmn-ml-processing	Oracle Banking Branch Domain
obremo-srv-cus-customer-services	Oracle Banking Branch Domain
obremo-srv-prj-projection-services	Oracle Banking Branch Domain
obremo-srv-cmn-utils-services	Oracle Banking Branch Domain
obbrn-srv-biz-businessprocess-services	Oracle Banking Branch Domain
obremo-batch-cancelmavbatch-extended-services*	Oracle Banking Branch Domain
obremo-batch-futuremavprocess-extended-services*	Oracle Banking Branch Domain

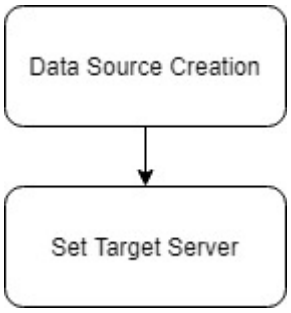
Service Name	Domain Name
obremo-blockmavnos-service*	Oracle Banking Branch Domain
obremo-cirularchq-service*	Oracle Banking Branch Domain
obremo-endtellerlargedenom-service*	Oracle Banking Branch Domain
obremo-issuemav-service*	Oracle Banking Branch Domain
obremo-mavbatchprocess-service*	Oracle Banking Branch Domain
obremo-mrfparams-service*	Oracle Banking Branch Domain
obremo-mrfpaymenttxn-service*	Oracle Banking Branch Domain
obremo-statictype-service*	Oracle Banking Branch Domain

NOTE: ITALY localization specific service should be considered only if it is an ITALY localization implementation.

4. Data Sources Creation

4.1 Pre-requisite

Database setup for Oracle Banking Branch has to be performed prior to deployment setup. The data sources for the respective micro-services must be created first before the application deployment. Each of the data source target to their corresponding servers on which the application will be deployed. The following sections explain the list of data sources required to be created for Oracle Banking Branch services and the steps to configure them in the server.



4.2 Data sources List

The table below lists the data sources to be created on each domain prior to deployment of applications onto managed servers.

Service Name	Data source Name	Data source JNDI	Targets
obpy-stage-services	PARTY	jdbc/PARTY	Party Managed Server
obpy-party-services	PARTY	jdbc/PARTY	Party Managed Server
obpy-party-kyc-services	PARTY	jdbc/PARTY	Party Managed Server
obpy-businessprocess-services	PARTY	jdbc/OBPYTCM	Party Managed Server
obpy-party-handoff-services	PARTY	jdbc/PARTY	Party Managed Server
obpy-party-publisher-services	PARTY	jdbc/PARTY	Party Managed Server
obpy-party-maintenance-service	PARTY	jdbc/ PARTY	Party Managed Server
obpy-party-adapter-services	PARTY	jdbc/PARTY	Party Managed Server
obremo-srv-bcn-branchcommon-services	BRANCHCOMMON	jdbc/SRVBRANCHCOMMON	Servicing Managed Server
obremo-srv-cas-cash-services	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-srv-cmn-transaction-services	TRANSACTION	jdbc/SRVCMNTXN	Servicing Managed Server

Service Name	Data source Name	Data source JNDI	Targets
obremo-srv-pay-payment-services	PAYMENT	jdbc/SRVPAYMENT	Servicing Managed Server
obremo-srv-tds-term-deposit-services	TERMDEPOSIT	jdbc/SRVTERMDEPOSIT	Servicing Managed Server
obremo-srv-adp-adapter-services	ADAPTER	jdbc/SRVADAPTER	Servicing Managed Server
obremo-srv-cmn-ml-processing	BRANCHCOMMON	jdbc/SRVBRANCHCOMMON	Servicing Managed Server
obremo-srv-cus-customer-services	CUSTOMER	jdbc/SRVCUSTOMER	Servicing Managed Server
obremo-srv-prj-projection-services	PROJECTION	jdbc/SRVPROJECTION	Servicing Managed Server
obremo-srv-cmn-utils-services	BRANCHCOMMON	jdbc/SRVBRANCHCOMMON	Servicing Managed Server
obbrn-srv-biz-businessprocess-services	BIZPROCESS	jdbc/BIZPRC	Servicing Managed Server
obremo-batch-cancelmavbatch-extended-services	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-batch-futuremavprocess-extended-services	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-blockmavnos-service	BRANCHCOMMON	jdbc/SRVCASH	Servicing Managed Server
obremo-cirularchq-service	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-endtellerlargedenom-service	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-issuemav-service	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-mavbatchprocess-service	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-mrfparams-service	BRANCHCOMMON	jdbc/SRVCASH	Servicing Managed Server
obremo-mrfpaymenttxn-service	CASH	jdbc/SRVCASH	Servicing Managed Server
obremo-statictype-service	BRANCHCOMMON	jdbc/SRVCASH	Servicing Managed Server

4.3 Steps to Create Datasource

For creating data source, refer to **How to create Data sources** section in ANNEXURE-1.

4.4 Additional Datasource Mapping

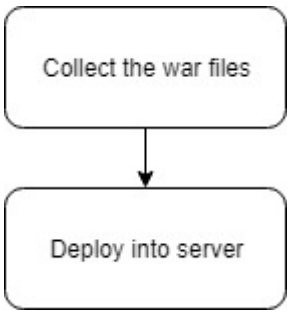
As part of Oracle Banking Branch, flyway jndi changes are incorporated. In order to deploy the services successfully, map the following data source to all the newly created managed servers for Oracle Banking Branch.

Data source Name	Data Source JNDI	Targets
PLATO	jdbc/PLATO	Servicing Managed Server and Party Managed Server
PLATO_UI	jdbc/PLATO_UI_CONFIG	Servicing Managed Server and Party Managed Server
SMS	jdbc/sms	Servicing Managed Server and Party Managed Server
COMMON CORE	jdbc/CMNCORE	Servicing Managed Server and Party Managed Server

5. Deployments

5.1 Pre-requisite

The database setup and data sources creation have to be performed prior to the application deployment stage. Each of the services corresponds to a specific war file that needs to be deployed into the server. The following sections explain the list of war files of the Oracle Banking Branch application and the steps to deploy them into the server.



5.2 Deployments List

Below table give details of the deployments required on each domain for the Oracle Banking Branch application to run. Deploy one after other in the same given order. The provided archive names are for reference purpose. Refer to the exact archive names available as a part of release.

Application	Archive name	OSDC path	Targets
OBPY Party Maintenance Services	obpy-party-maintenance-service-5.8.0.war	{**unzip the file**} PARTY\obpy-party-maintenance-service	Party Managed Server
OBPY Stage Services	obpy-stage-services-5.8.0.war	{**unzip the file**} PARTY\stage-services	Party Managed Server
OBPY Party Services	obpy-party-services-5.8.0.war	{**unzip the file**} PARTY\obpy-party-services	Party Managed Server
Party KYC Services	obpy-party-kyc-services-5.7.0.war	{**unzip the file**} PARTY\obpy-party-kyc-services	Party Managed Server
OBPY Businessprocess Services	obpy-businessprocess-services-5.8.0.war	{**unzip the file**} PARTY\obpy-businessprocess-services	Party Managed Server
OBPY Party Handoff Services	obpy-party-handoff-services-5.7.0.war	{**unzip the file**} PARTY\obpy-party-handoff-services	Party Managed Server
OBPY Party Publisher Services	obpy-party-publisher-services-5.7.0.war	{**unzip the file**} PARTY\obpy-party-publisher-services	Party Managed Server
OBPY Party Adapter Services	obpy-party-adapter-services-5.7.0.war	{**unzip the file**} PARTY\obpy-party-adapter-services	Party Managed Server

Application	Archive name	OSDC path	Targets
Branch Common Service	obremo-srv-bcn-branchcommon-services-5.7.0.war	{**unzip the file**}OBBRN\obremo-srv-bcn-branchcommon-services	Servicing Managed Server
Adapter Service	obremo-srv-adp-adapter-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-adp-adapter-services	Servicing Managed Server
Cash Services	obremo-srv-cas-cash-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-cas-cash-services	Servicing Managed Server
Machine Learning Processing	obremo-srv-cmn-ml-processing-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-cmn-ml-processing	Servicing Managed Server
Common Transaction Service	obremo-srv-cmn-transaction-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-cmn-transaction-services	Servicing Managed Server
Customer Service	obremo-srv-cus-customer-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-cus-customer-services	Servicing Managed Server
Payment Service	obremo-srv-pay-payment-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-pay-payment-services	Servicing Managed Server
Projection Services	obremo-srv-prj-projection-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-prj-projection-services	Servicing Managed Server
Term Deposit Service	obremo-srv-tds-term-deposit-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-tds-term-deposit-services	Servicing Managed Server
SRV Common Utils Services	obremo-srv-cmn-utils-services-5.7.0.war	{**unzip the file**} OBBRN\obremo-srv-cmn-utils-services	Servicing Managed Server
SRV Business Process Service	obbrn-srv-biz-businessprocess-services-5.7.0.war	{**unzip the file**} OBBRN\obbrn-srv-biz-businessprocess-services	Servicing Managed Server
ITALY Localisation Cancel MAV batch Service*	obremo-batch-cancelmavbatch-extended-services-14.0.2.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation Future MAV batch Service*	obremo-batch-futuremavprocess-extended-services-14.0.2.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation Block MAV Service*	obremo-blockmavnos-service-14.0.2.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation Circular Cheque Service*	obremo-cirularchq-service-5.8.0.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server

Application	Archive name	OSDC path	Targets
ITALY Localisation End Teller Large Denom Service*	obremo-endtellerlargedenom-service-14.0.2.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation Issue MAV Service*	obremo-issuemav-extended-services-14.0.2.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation MAV batch Process Service*	obremo-mavbatchprocess-service-5.5.0.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation MRF parameter maintenance Service*	obremo-mrfparams-service-5.5.0.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation MRFA/MRFC transaction Service*	obremo-mrfpaymenttxn-service-5.5.0.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server
ITALY Localisation Static Type LOV Service*	obremo-statictype-service-5.8.0.war	{**unzip the file**} OBBRN_ITALY_LOCALISATION \SERVICES	Servicing Managed Server

NOTE: ITALY localization specific service war should be deployed only if it is an ITALY localization implementation.

5.3 Steps to Deploy as Application

To deploy application, refer to **How to deploy** section in ANNEXURE-1.

6. Restarts and Refresh

Once everything is deployed, restart all the managed servers. And for each application call path "/refresh" for refreshing the configuration properties.

6.1 Restarting Servers

To restart the server, refer to **How to restart** section in ANNEXURE-1.

7. Logging Area

7.1 Introduction

This part of the document will talk about the logs area where after deployment of Oracle Banking Branch Applications in WebLogic server.

7.1.1 Logging Area

Oracle Banking Branch Application writes logs in the below area of the server-

<WEBLOGIC_DOMAIN_CONFIG_AREA/servers/APP/logs/ APP.out

Let's assume a domain has been created **party_domain** with **managed_server** name called **PARTYAPP** in the following area of the server

~/middleware/user_projects/domains/**party_domain**". Logging area for Oracle Banking Branch applications would be
~/middleware/user_projects/domains/party_domain/servers/PARTYAPP/logs/ PARTYAPP.out.

8. Oracle Banking Branch UI Domain and Cluster Configuration

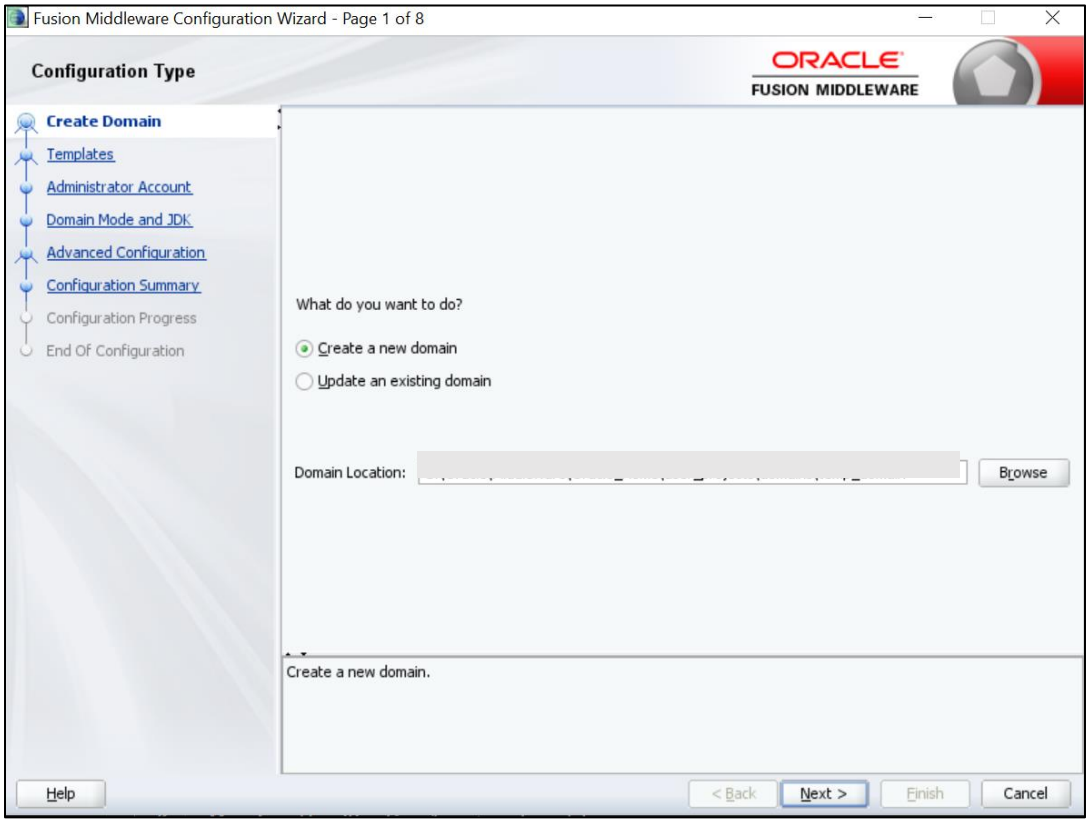
8.1 Prerequisites

1. Machine should have Java JDK has installed.
2. Oracle Fusion Middleware Infrastructure has to be installed on the machine.

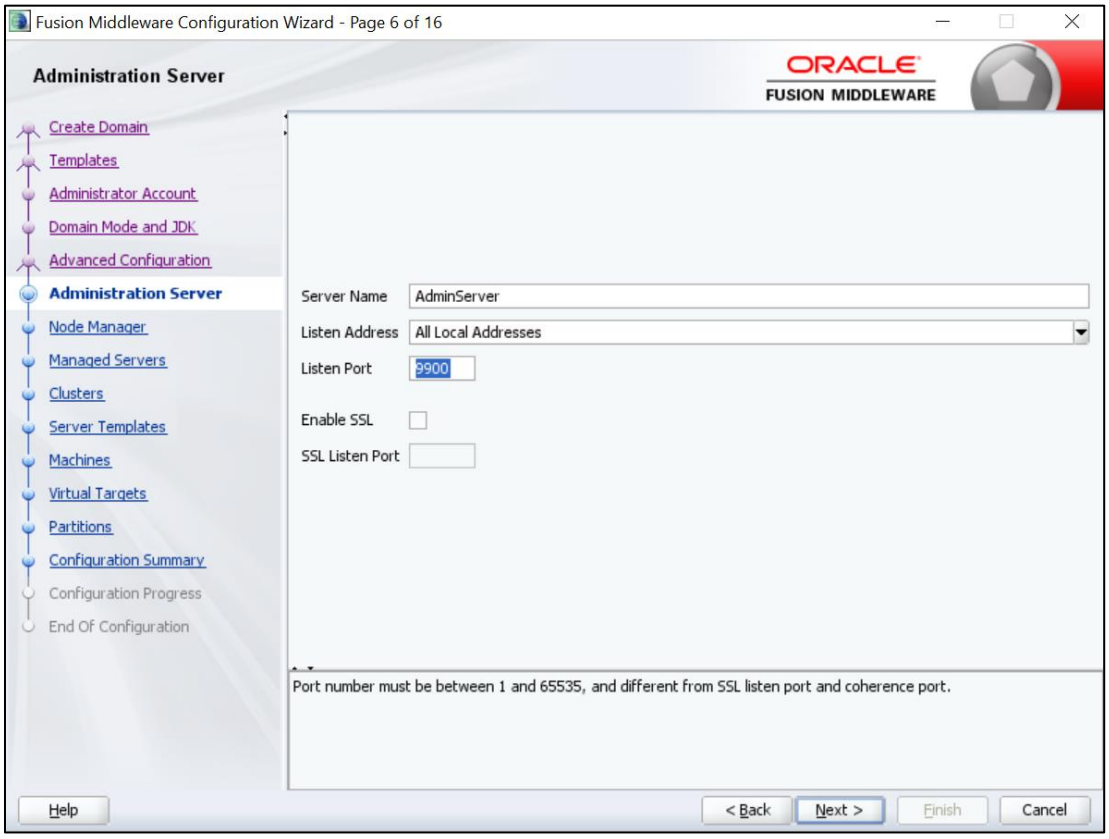
NOTE: For the exact version to be installed, refer to **Software Pre-requisites** section in **License Guide**.

8.2 Oracle Banking Branch UI Domain (OBBRNUI)

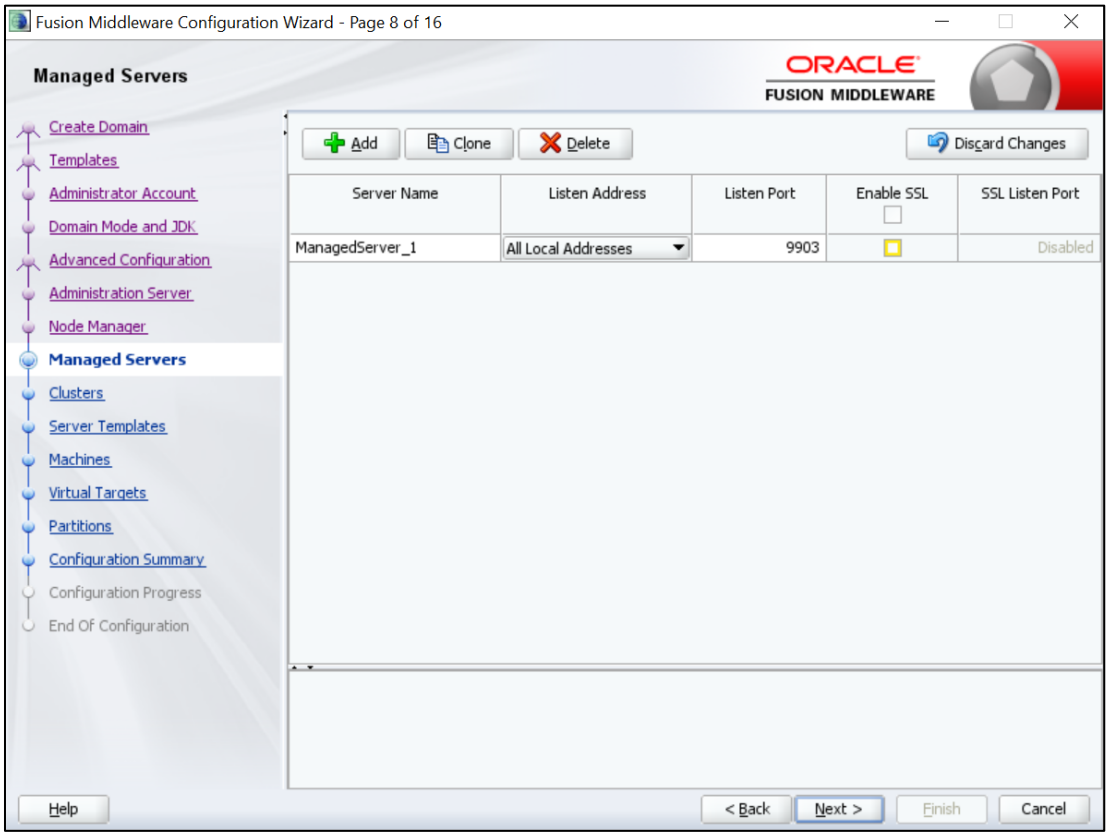
1. Click **Create Domain** tab, and select **Create a new domain** option. Specify the domain location.



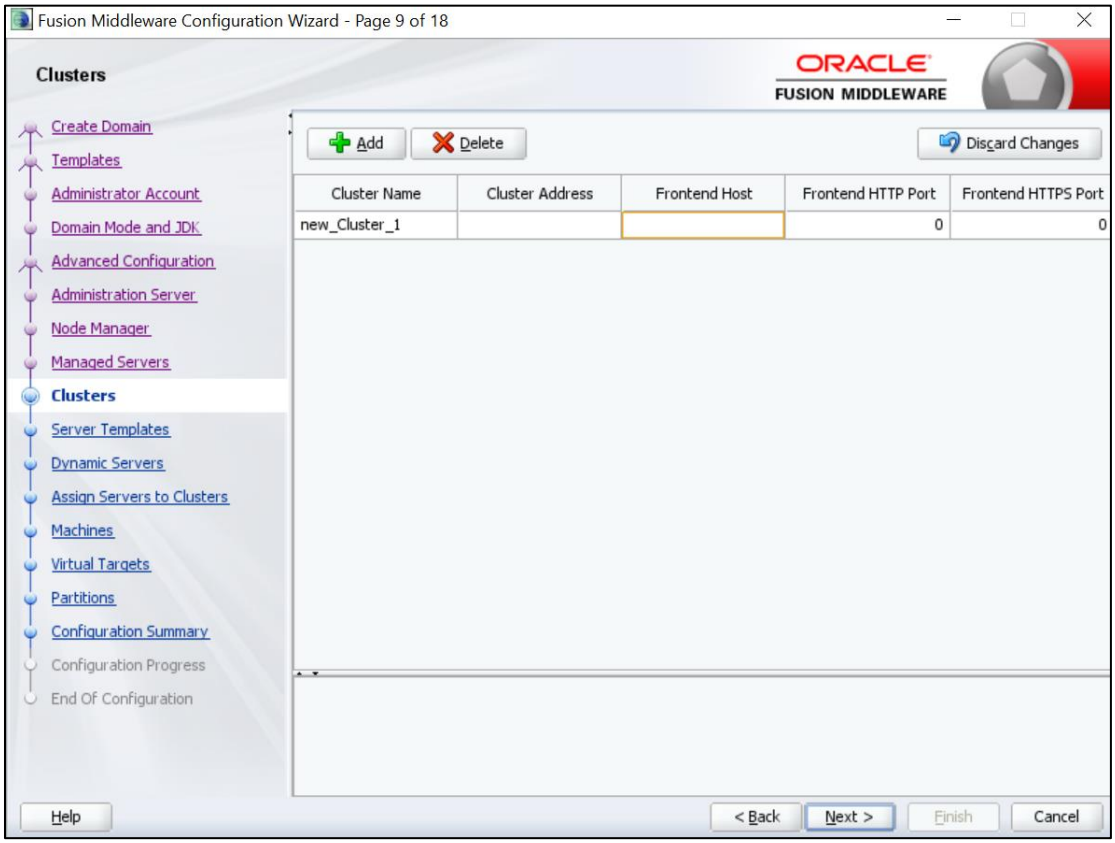
2. On **Administration Server** screen, specify the server details, and click **Next**.



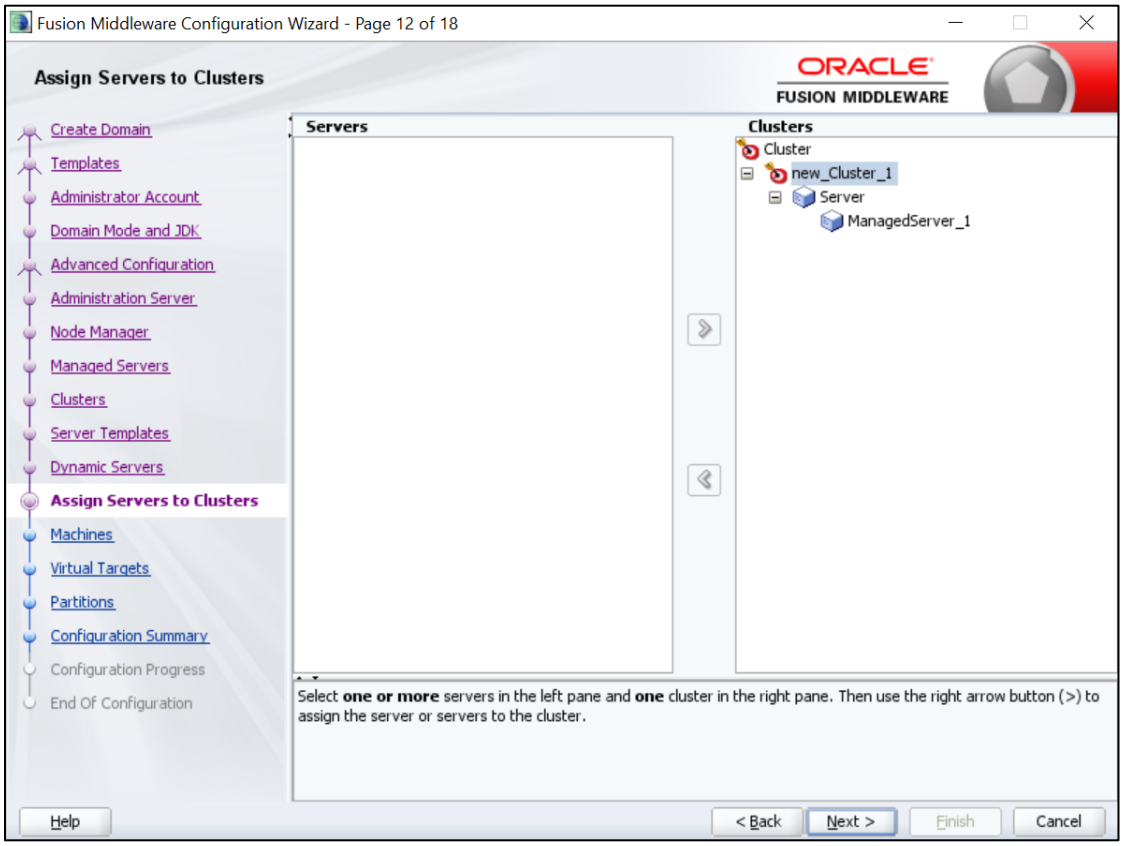
3. On **Managed Servers** screen, add entry for managed server, and click **Next**.



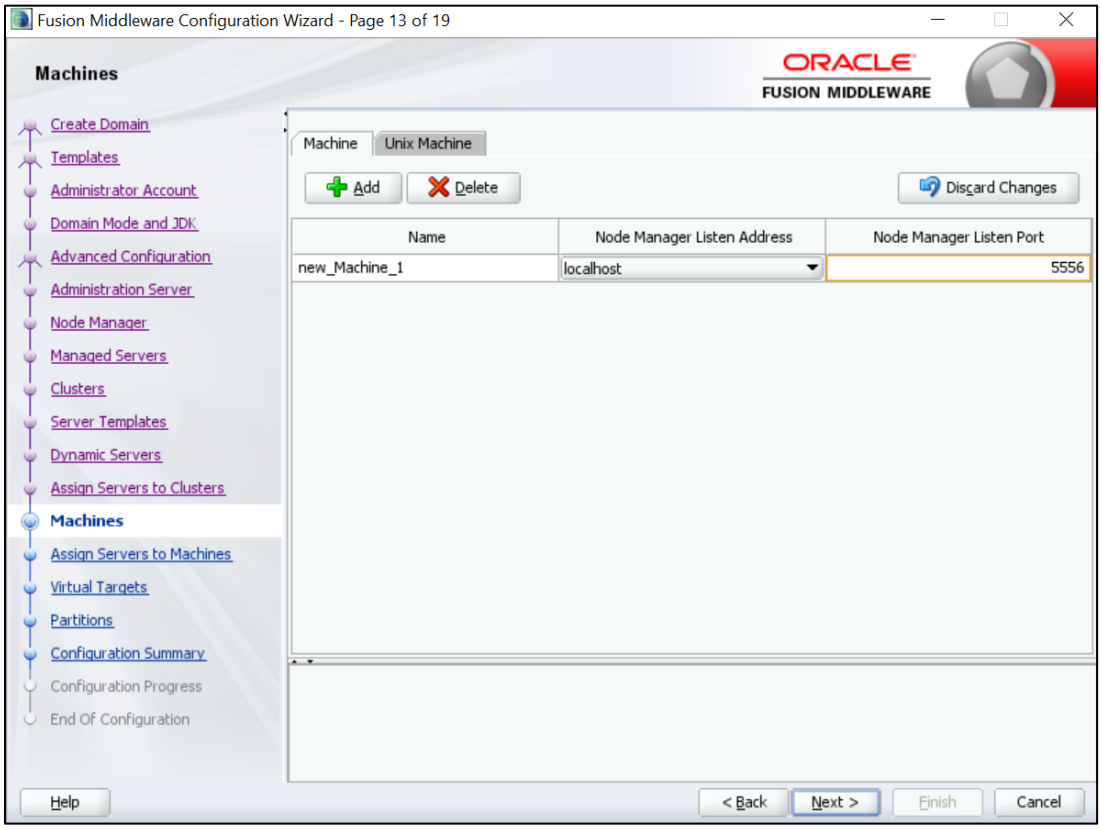
4. On **Clusters** screen, add entry for cluster, and click **Next**.



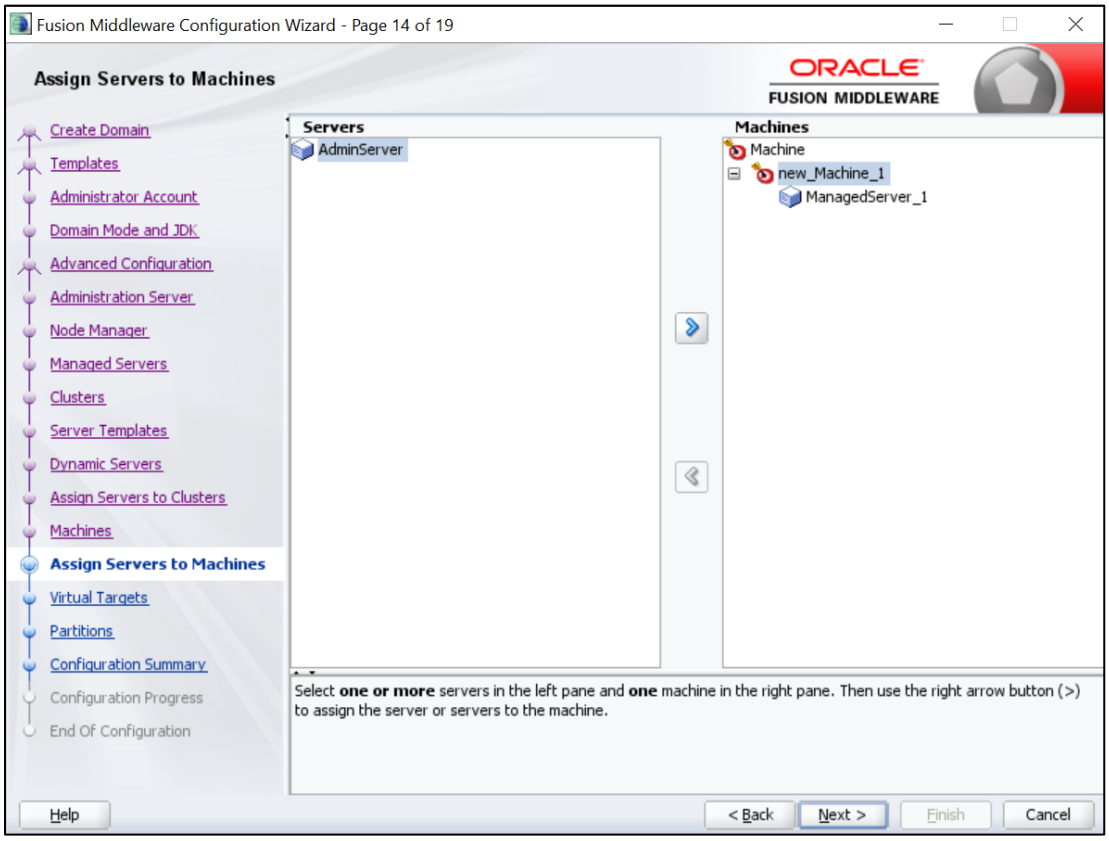
5. On **Assign Server to Cluster** screen, assign the required servers, and click **Next**.



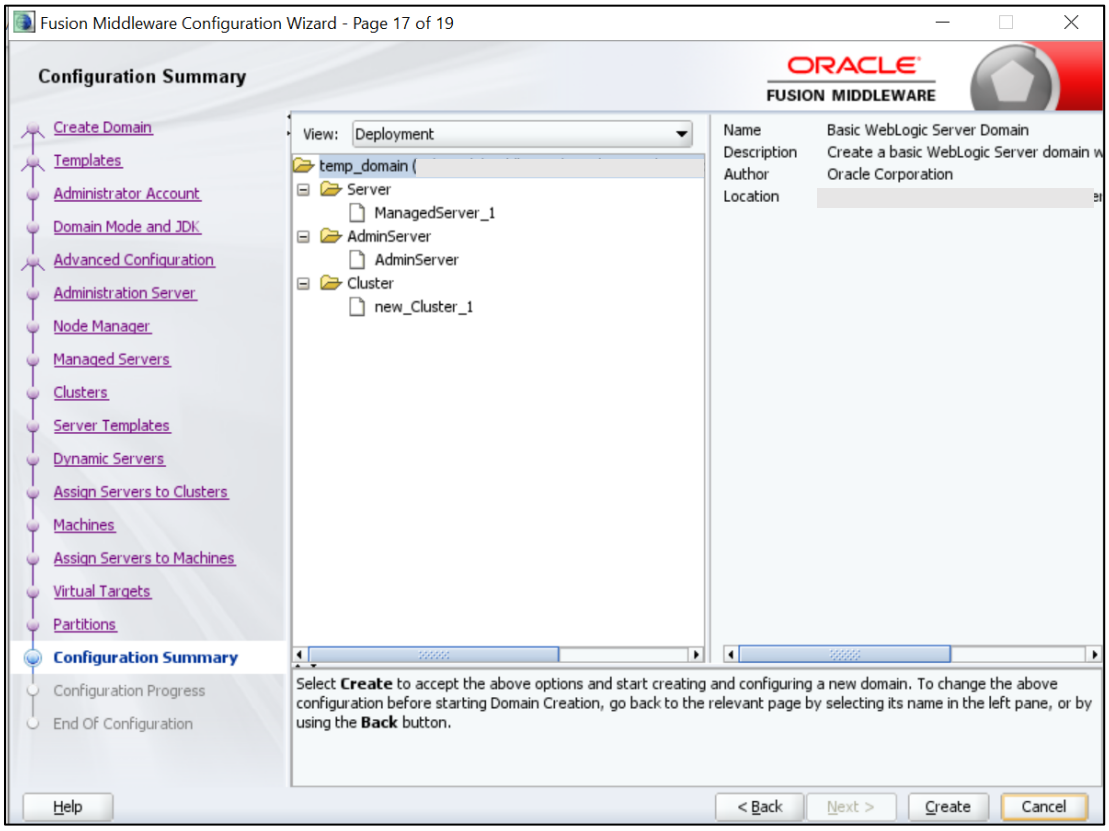
6. On **Machines** screen, add entry for the machine, and click **Next**.



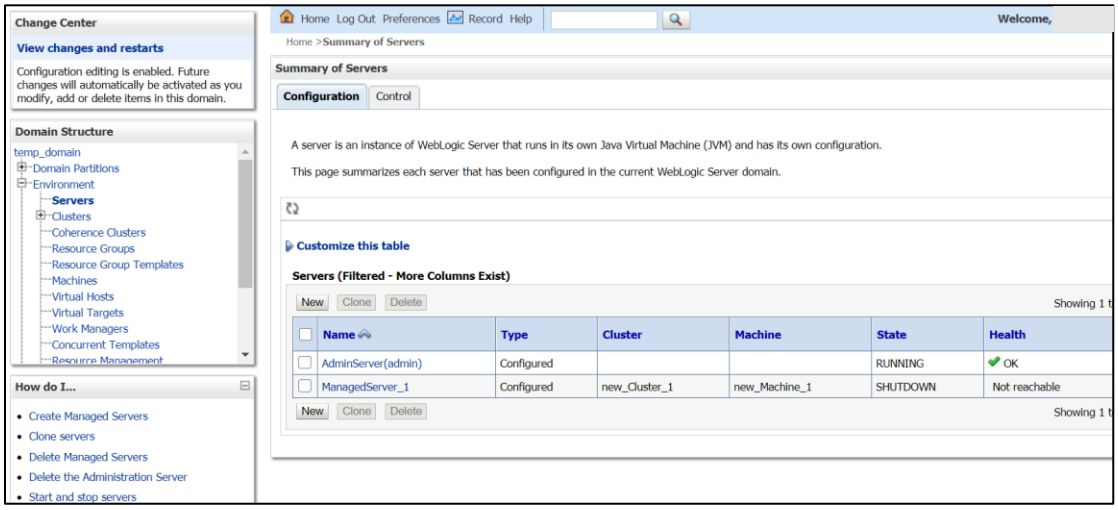
7. On **Assign Server to Machines** screen, assign the required machine, and click **Next**.



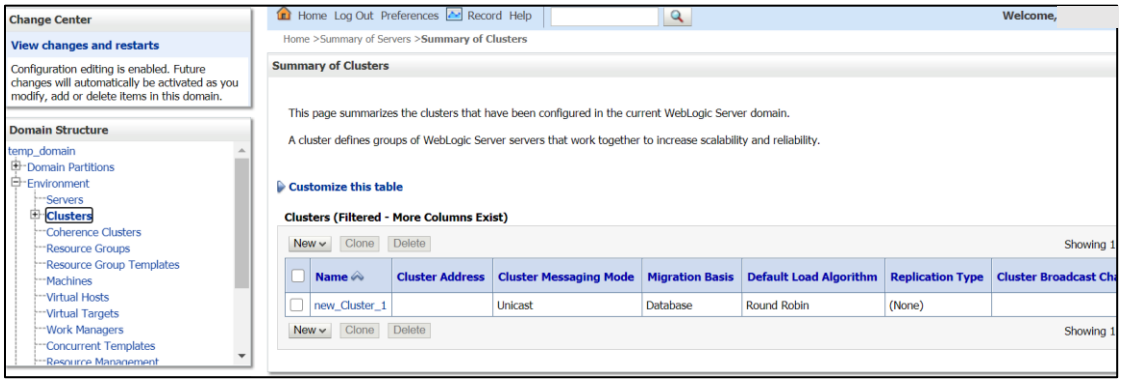
8. On **Configuration Summary** screen, and click **Create** to configure a new domain.



9. Click **Servers** tab, select **Configuration**, and verify the configuration details of server.



10. Click **Clusters** tab, and verify the configuration details of cluster.



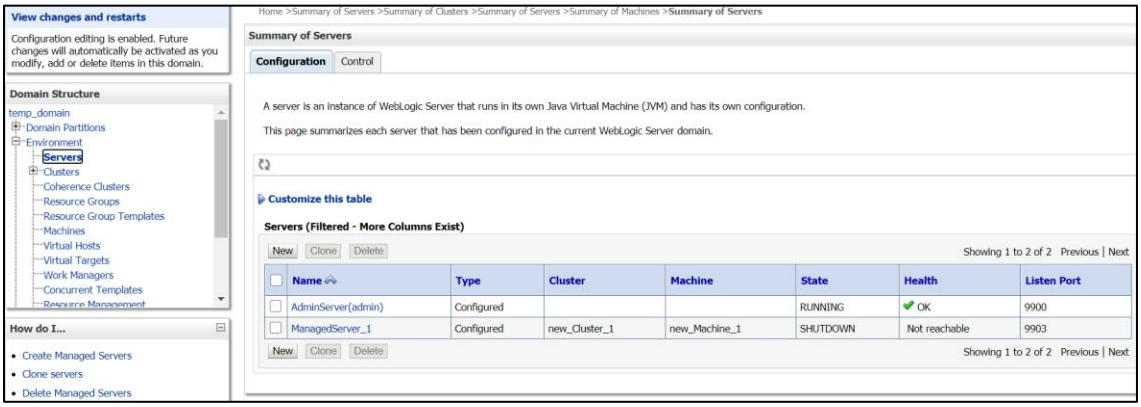
11. Click **Machines** tab, and verify the configuration details of machine.

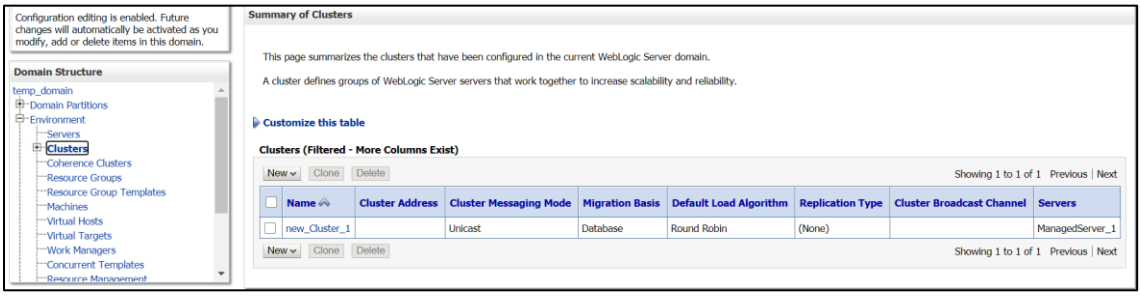
8.3 Post Domain creation configurations

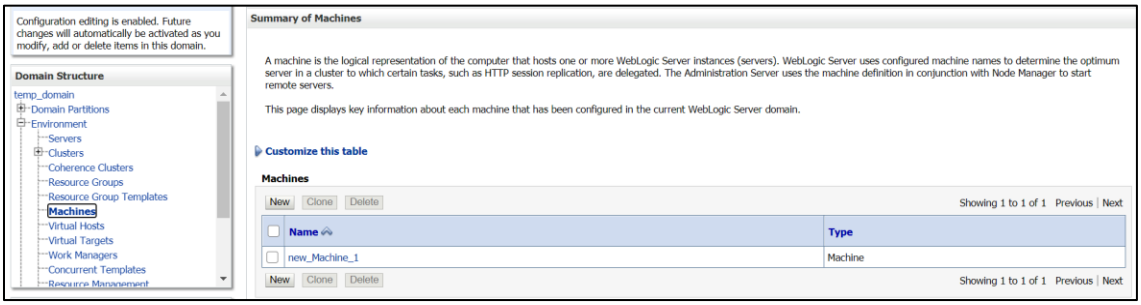
Once finished, refer oracle fusion middleware documents for more details on how to start admin server, node manager and managed servers.

1. **Create boot**.properties file under **/user_projects/domains/XXXXdomainNameXXX/servers/AdminServer/security**.
2. Edit **boot.properties** and give username and password details.
3. Goto **/user_projects/domain/sms_domain/bin**.
4. Run **startWeblogic.cmd** (or **.sh** if operating system is linux).
5. Goto **/user_projects/domains/ sms _domain/bin**.
6. Run **setNMJavaHome.cmd** (.**sh**).
7. Goto **/user_projects/domains/ sms _domain/nodemanager**.
8. And edit **nodemanager.properties** as required(securelistner = false if ssl and keystore is not given) And in admin console also navigate to **Machines**- > **sms_Machine** -> **Node Manager** -> **Type** -> **Plain** -> **Save**.
9. Navigate to **/user_projects/domains/ sms _domain/bin**.
10. Run **startNodeManager.cmd** (or **.sh** if operating system is linux).
11. Start all managed servers.

Login to console and verify servers and clusters.







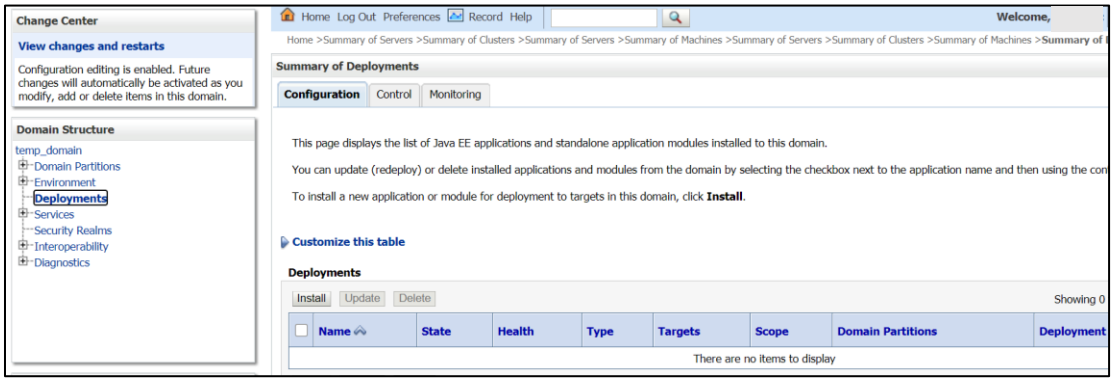
9. Oracle Banking Branch User Interface Deployments

9.1 Steps to deploy as application

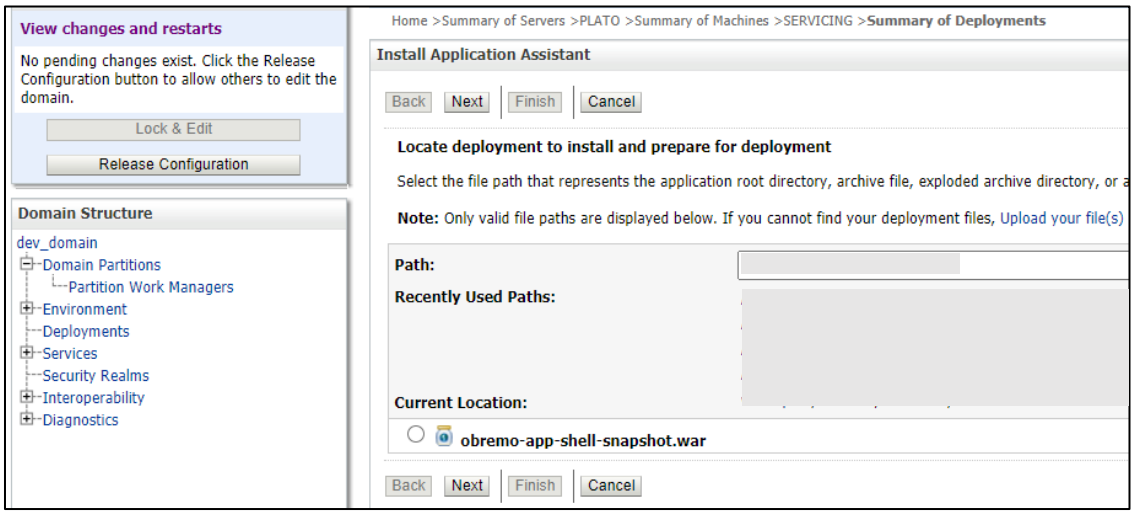
NOTE: Server names, Domain names need not to be same as this doc provides.

Steps to Deploy archives as application on weblogic is same for all the above except for managed server and domain where we deploy will differ. Find the below screenshots to see how deployment of archive as application is done on weblogic:

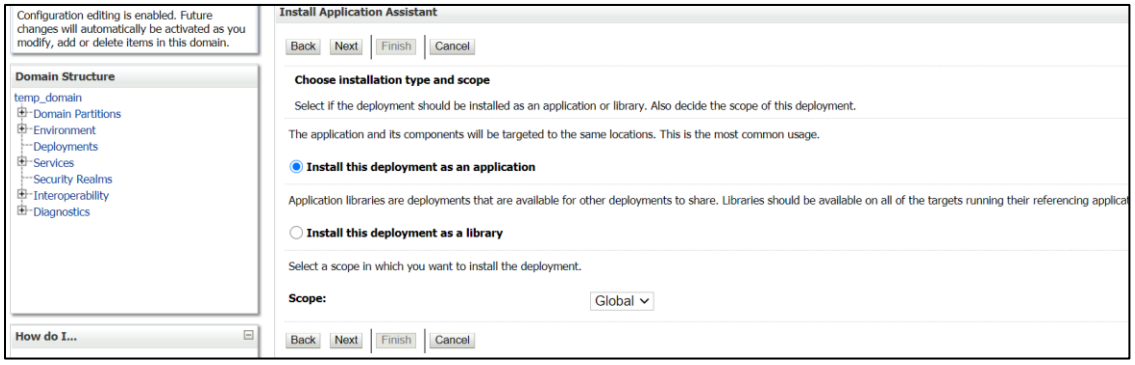
1. Extract the zip file under **UI** folder.
2. Open **app-shell\common\js\util\config\config.json** file change **apiGatewayURL** to point plato-api-gateway URL.
3. Copy app-shell folder and paste it to your server. E.g. scratch/deployment.
4. Open Weblogic console and navigate to the **Deployments**.



5. Click **Install**, paste folder location on path and press **Enter** key, select the app_shell directory.

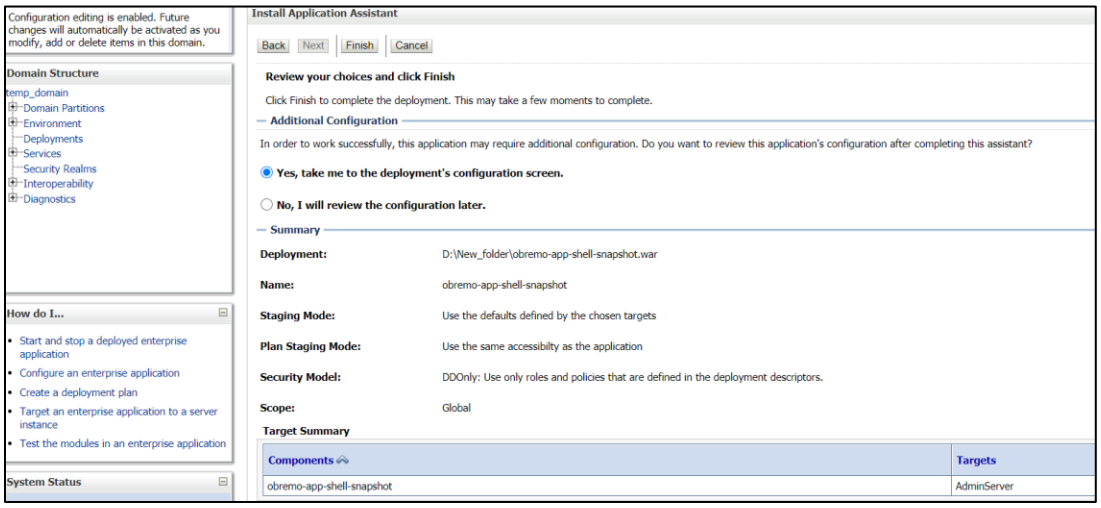


6. Check the option install this deployment as an application option and click **Next**.

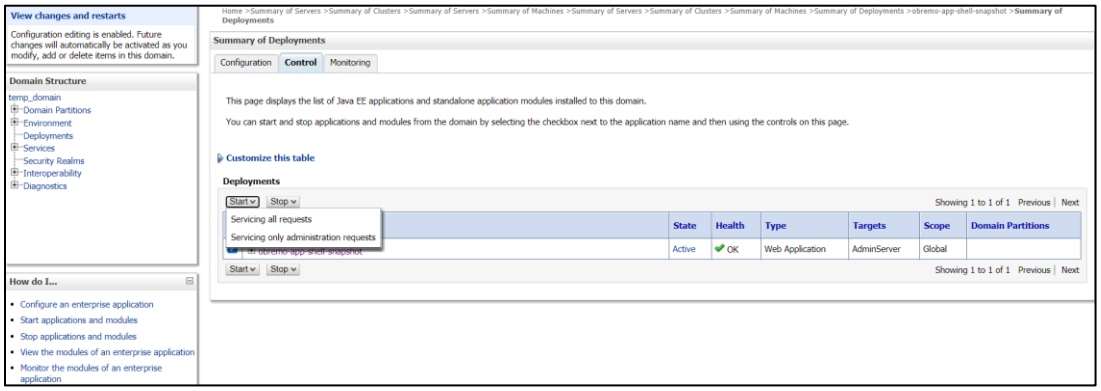


7. Name the deployment as app_shell and click **Next**.

8. Check the option **Yes, take me to the deployment's configuration screen** and click **Finish**.



9. Navigate to the **Control** tab and click **start.** Select the option **Servicing all requests** and Click **Yes**.



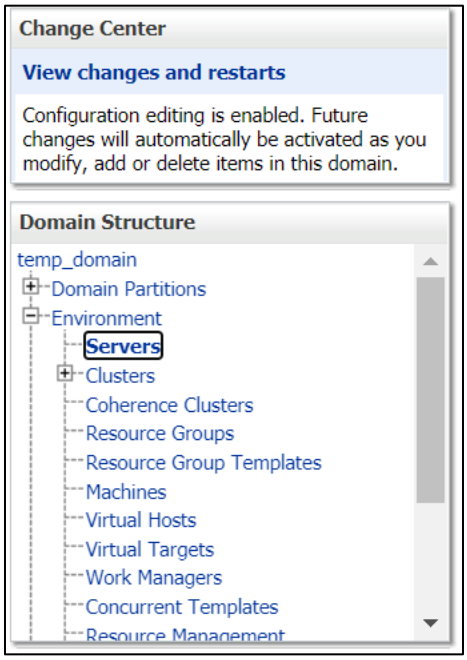
10. Verify state is Active. If yes, open the URL in this format: **http://HostName:PortNo/app-shell/**

10.Restarts and Refresh

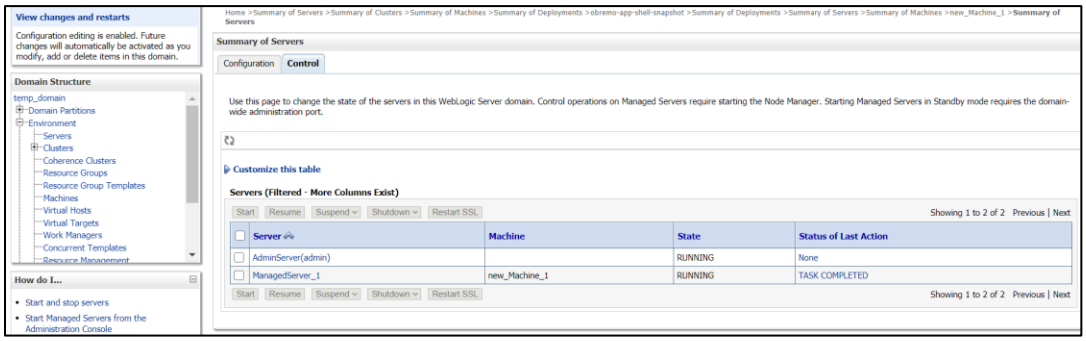
Once everything is deployed, restart all the managed servers. And for each application call path **/refresh** for refreshing the configuration properties.

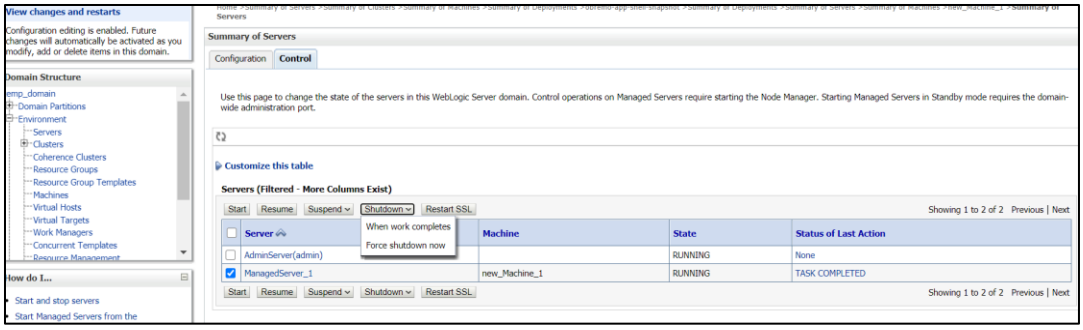
10.1 Restarting Servers

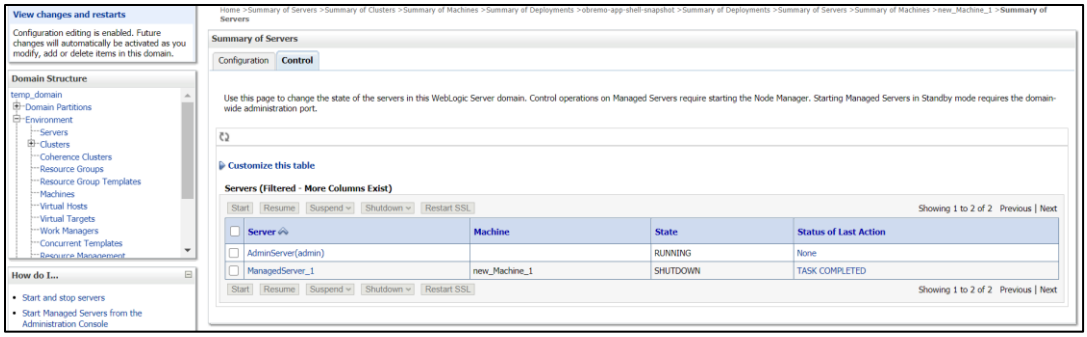
1. Navigate to **Environment** and then click **Servers**.



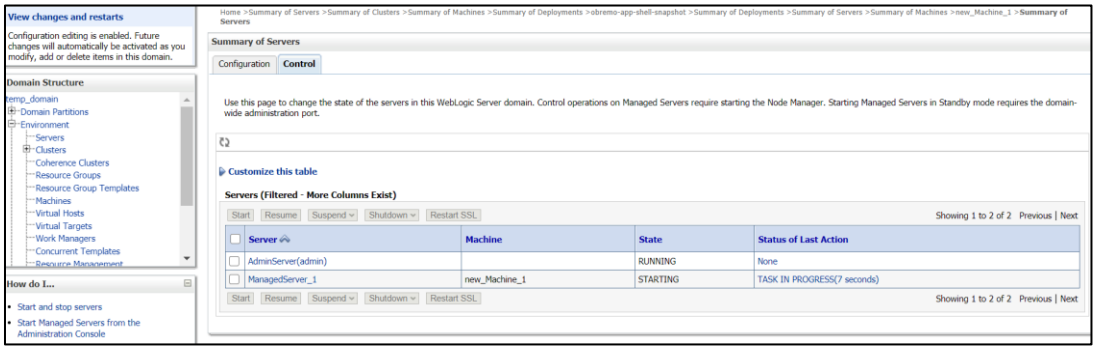
2. Click **Control** tab and select servers to shut down, and click **Yes** to confirm shutdown.

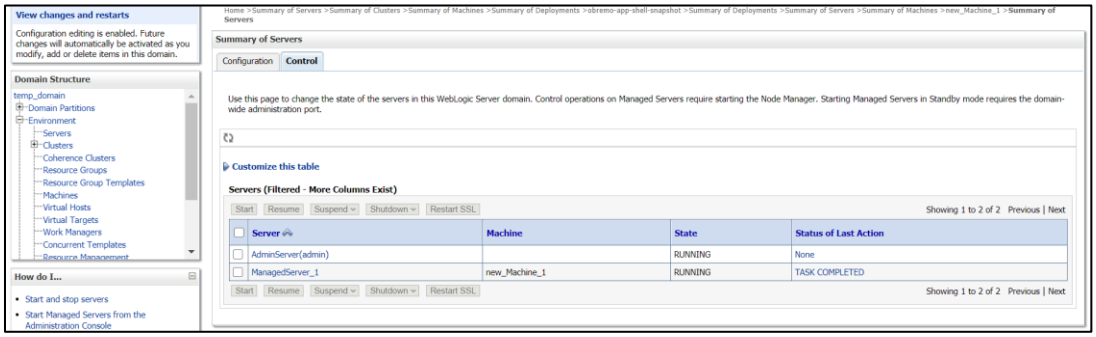




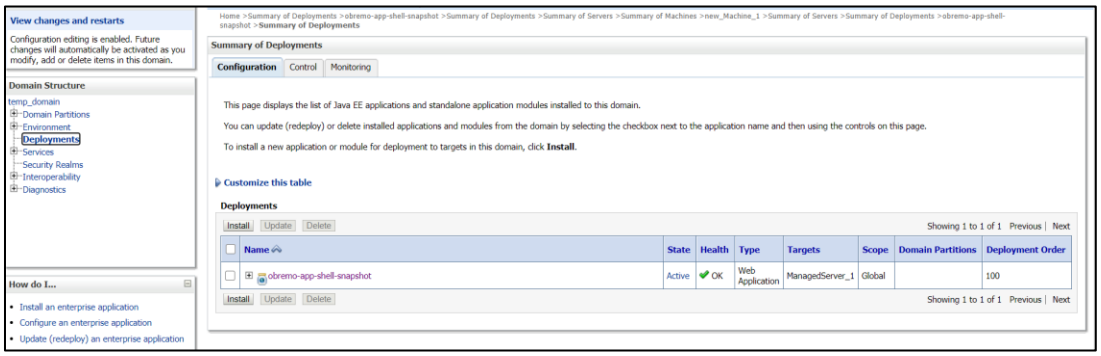


3. Once shutdown is completed, navigate to **Control** and select the servers to start and confirm action.





4. When all requested servers are running, navigate to **Deployments** and check if deployments are in active state.



11.Deployments

11.1 Oracle Banking Branch Processes

Below are the list of Conductor based processes which have to be deployed for the Oracle Banking Branch.

Serial Number	Process Name	Dependent process
1	ACCOUNTADDRESSUPDATE	None
2	CUSTOMERADDRESSUPDATE	None
3	CUSTOMERCONTACTUPDATE	None
4	OBPY-PARTY-ONBOARDING-PROCESSFLOW	None
5	OBPY-PARTY-AMENDMENT-PROCESSFLOW	None
6	OBPY-PARTY-CORP-ONBOARDING-PROCESSFLOW	None

11.2 Updating the process

Before deploying the process the following section to be updated with the server ip/port for the end points used in the process.

For each process, open the process to find for “http_request” and modify the following in the uri.

```
"uri": "http://{{PROCESS_SERVER_HOST}}:{{PROCESS_SERVER_PORT}}/
```

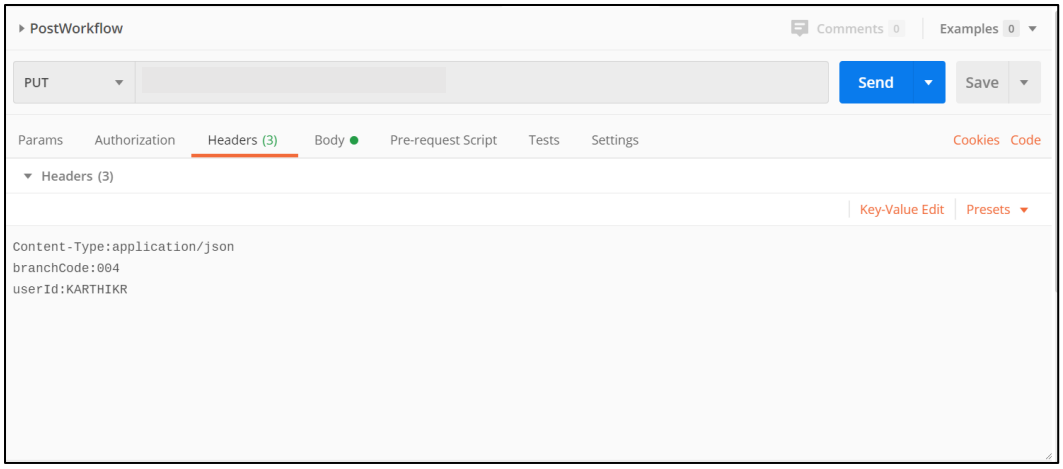
{{PROCESS_SERVER_HOST}} - IP of the Conductor server.

{{PROCESS_SERVER_PORT}} - Port of the Conductor server

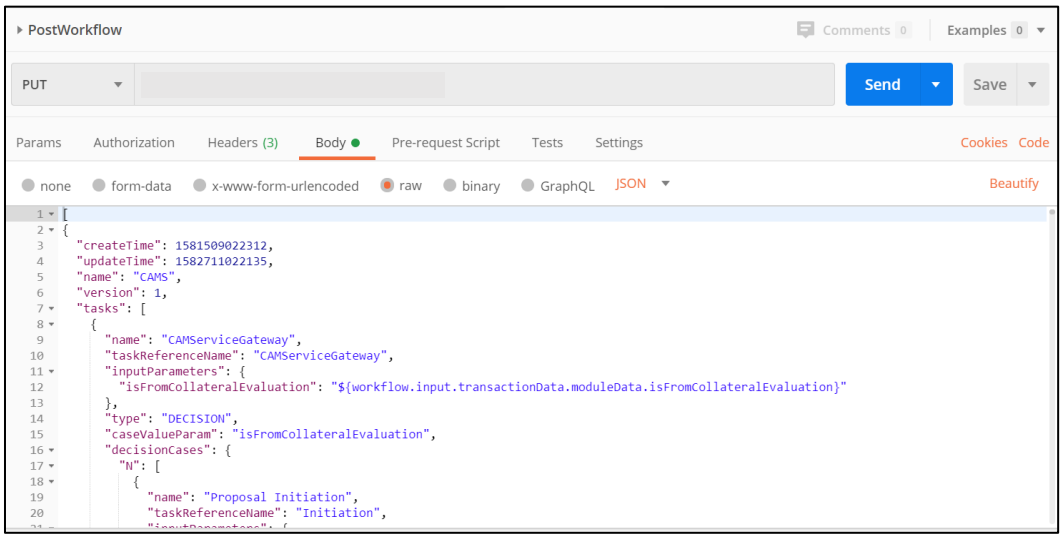
11.3 Steps to Deploy Conductor Process

NOTE: Server names, Domain names need not to be same as this doc provides.
Steps to Deploy a process remains the same for all the process files:

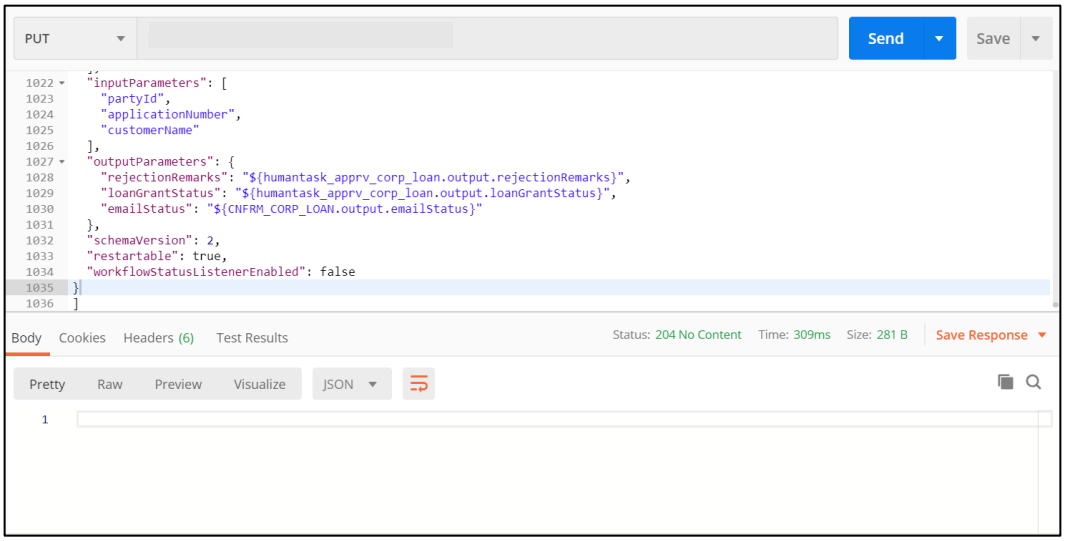
1. Launch Postman.
2. Create a new Request (if not done already) and select **POST** method. If the process flow is already deployed and if you want to update it, then the method should be “PUT”.
3. Input the header params as shown below:



4. Paste the body of the message with the content from the process file.



5. Click **Send**. Response status **204** returned from server.



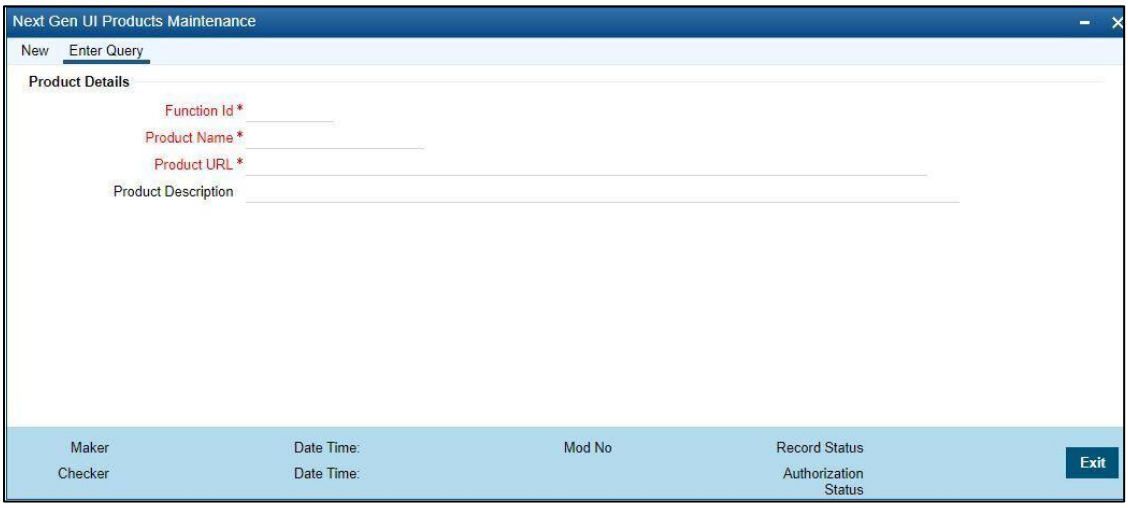
12.Launching Oracle Banking Branch from UBS

12.1 Introduction

In this section you are going to setup database related configuration for Oracle Banking Branch Installation. It is recommended to create different schema for each application. Below setup is designed to work with separate schema for each application.

12.2 FCUBS Configurations

After Login to FCUBS environment click on **Next Generation UI** Menu and launch the maintenance screen **CSDNGUIM**. Ensure that user has roles for the screen. Update the Plato Product URL.



A new Function id **NGTELLER** is released as Static Data and Ensure user roles has been maintained for the same. Once the roles are maintained Click **Next Gen UI** on tool bar. **Next Gen UI Dashboard** will be displayed with the list of products. Click **Retail** product, which will Launch **Plato Teller Dash Board**. Ensure the same user id is maintained in for the retail product and it has necessary roles.

12.3 PLATO Configurations

SECURITY_CONFIG table in PLATO_SECURITY schema should have the following entries.

Key	Value
INTEGRATION_ENABLED	True
INTEGRATION_CALLBACK_URL	https://*FCUBShostname:FCUBSport*/FCJNeoWeb/ValidationService/FCNonceValidation/validate

Please update the FCUBS hostname and port number in the above URL.

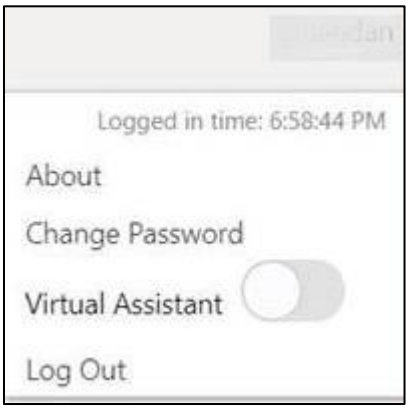
13.Oracle Digital Assistant Configuration

13.1 Introduction

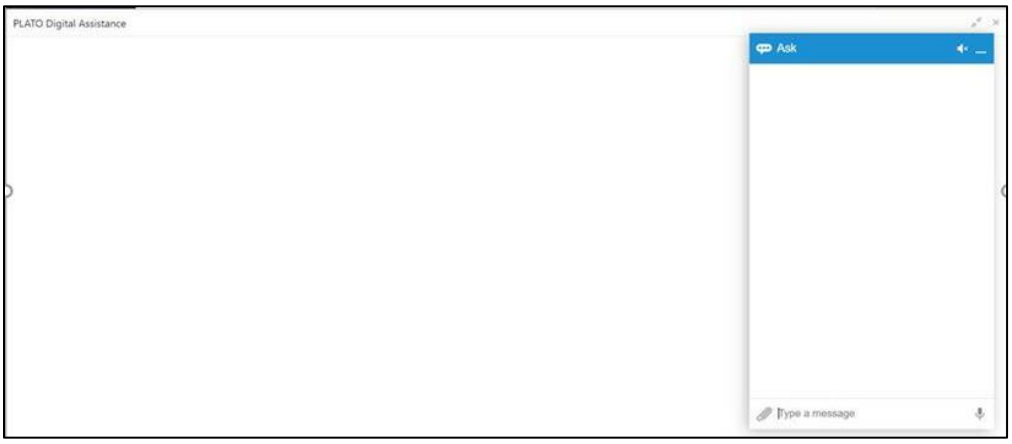
Oracle Banking Branch has to interface with Oracle Digital Assistance (ODA) for Chatbot use cases. To address above requirement, the Plato Digital Assistant wizard CCA is having configuration to connect to ODA. This wizard contain enabling of Oracle Digital Assistant's Client SDK for JavaScript to add live messaging to web application.

13.2 Plato Setup

On User Profile menu, a switch is added in user info panel, to enable/disable Digital Assistance.



The web-sdk will display chat bot icon, which can be used for communication with Oracle Digital Assistant's Server.



13.3 PLATO Configurations

PRODUCT_SERVICES_CTX_LEDGER table in PLATOUI schema should have the following entries.

Key	Value
Product Name	ODA
Service Name	odaservice
Service Context Path	/api-gateway/
Header App Id	URI,ChannelId and SECRET values to be fetched from ODA server configured to communicate with ODA client i.e web-sdk. values to be fetched from ODA server configured to communicate with ODA client i.e web-sdk. isODA flag needs to be set to “Y” in order to enable chatbot wizard.

PRODUCT_SERVICES_ENV_LEDGER table in PLATO schema should have the following entries.

Key	Value
Product Name	ODA
URL	https://*hostname:platodiscoveryport/*

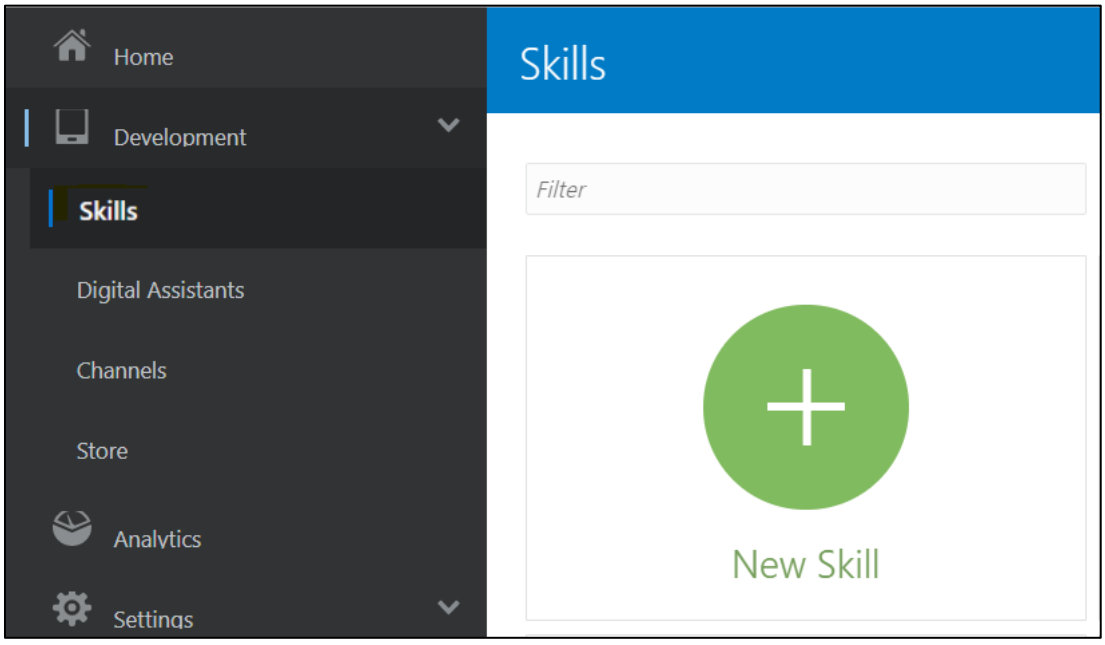
Please update the hostname and port number in the above URL.

13.4 API Gateway Configuration Setup

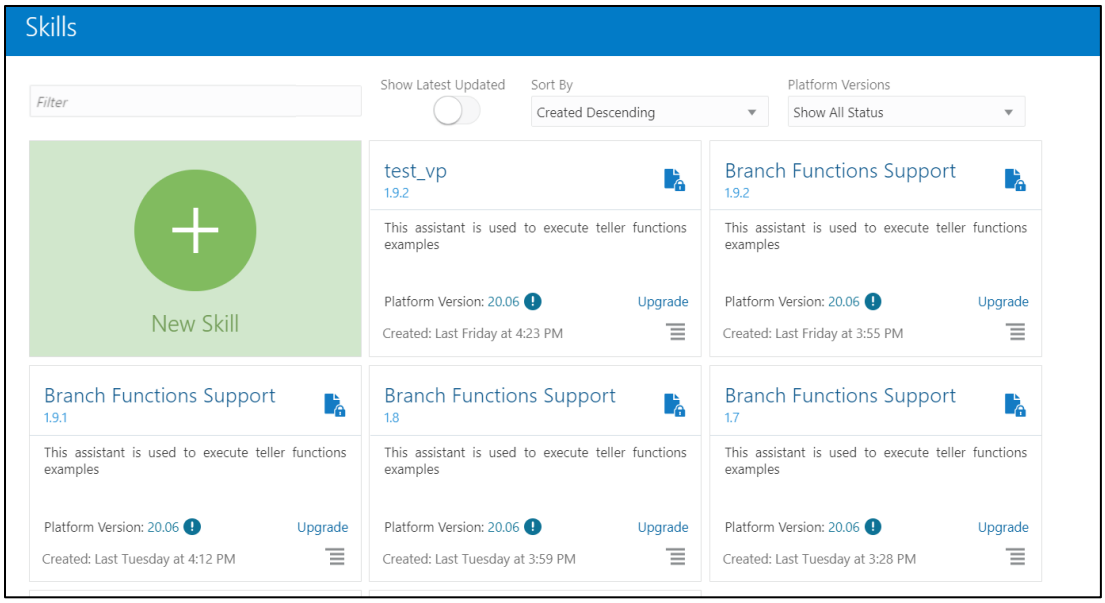
The user need to configure the API Gateway and publish the skills. Perform the following steps to configure API Gateway:

1. Open Oracle ODA Deployment URL.
2. Specify the username and password, and log in to ODA Homepage.

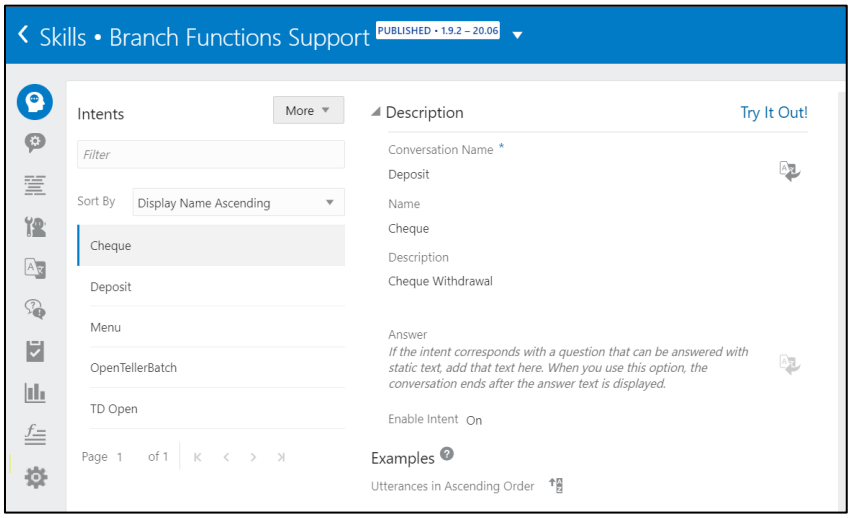
3. Click **Skills** in the menu.



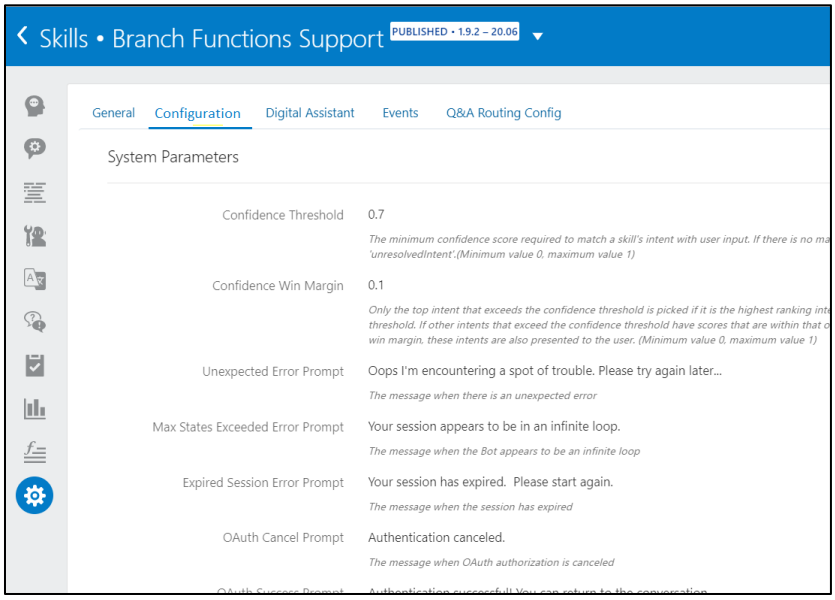
4. Import the skill, which you need to configure from OBBRN_ODA/BranchFunctions(1.8).zip file.



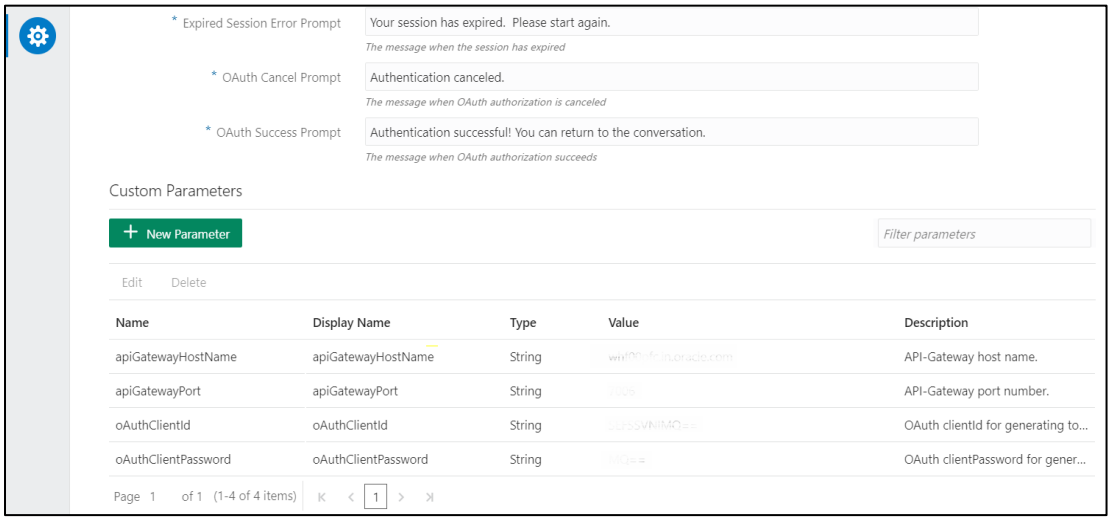
5. Click settings icon.



6. Click **Configuration** tab.



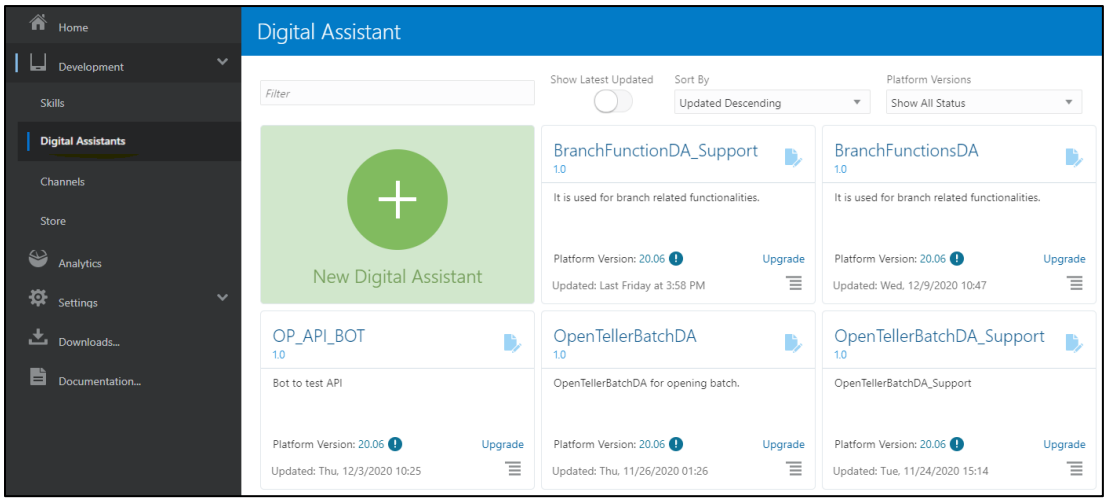
7. Add the Api-Gateway configuration parameters as shown below:



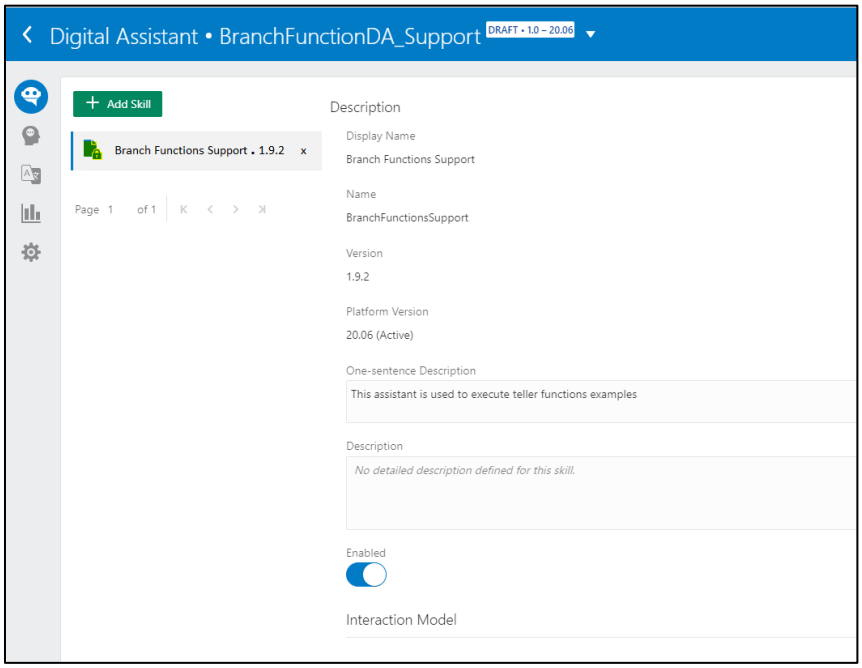
13.5 Map the Skill to Digital Assistant

Perform the following steps to map the skill to Digital Assistant:

1. Click **Digital Assistants** in the menu.



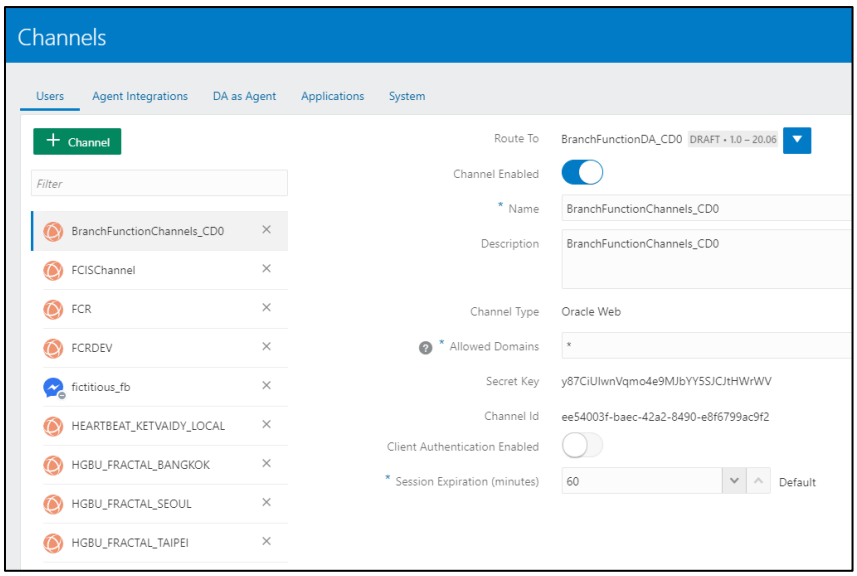
2. Map the skill, which you have created earlier with your Digital-Assistants.



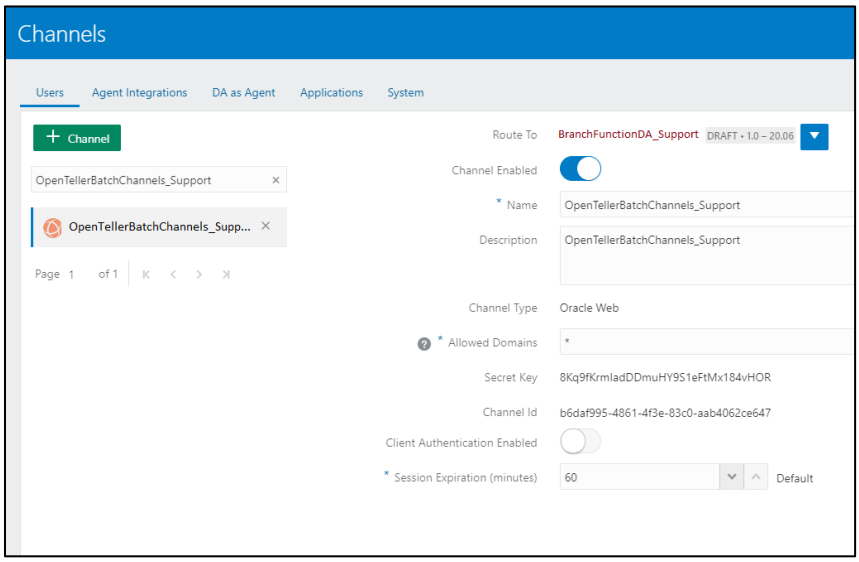
13.6 Map Digital Assistant to Channel

Perform the following steps to map the Digital Assistant to Channel:

1. Click **Channels** in the menu.



2. Map the Digital Assistant with the necessary channels. Specify the **Channel Type** as **Oracle Web** and the **Allowed Domains** as *****.



Installation Guide

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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
https://www.oracle.com/industries/financial-services/index.html