

Installation Guide
Oracle Banking Branch
Release 14.4.0.0.0
Part No. F37097-01
[January] [2021]



Table of Contents

1. PREFACE	1-1
1.1 INTRODUCTION	1-1
1.2 AUDIENCE.....	1-1
1.3 DOCUMENTATION ACCESSIBILITY	1-1
1.4 ORGANIZATION.....	1-1
1.5 RELATED DOCUMENTS	1-2
2. DATABASE SETUP.....	2-1
2.1 INTRODUCTION	2-1
2.2 PRE-REQUISITE	2-1
2.3 DATABASE SETUP	2-1
2.4 DATABASE LINK CREATION.....	2-2
3. ORACLE BANKING BRANCH SERVICES DOMAINS CONFIGURATION	3-1
3.1 PREREQUISITES	3-1
3.2 ORACLE BANKING BRANCH SERVICE DOMAIN CREATION	3-1
4. DATA SOURCES CREATION.....	4-1
4.1 PRE-REQUISITE	4-1
4.2 DATA SOURCES LIST	4-1
4.3 STEPS TO CREATE DATASOURCE	4-2
4.4 ADDITIONAL DATASOURCE MAPPING.....	4-3
5. DEPLOYMENTS	5-1
5.1 PRE-REQUISITE	5-1
5.2 DEPLOYMENTS LIST.....	5-1
5.3 STEPS TO DEPLOY AS APPLICATION.....	5-3
6. RESTARTS AND REFRESH.....	6-1
6.1 RESTARTING SERVERS	6-1
7. LOGGING AREA	7-1
7.1 INTRODUCTION	7-1
7.1.1 Logging Area.....	7-1
8. ORACLE BANKING BRANCH UI DOMAIN AND CLUSTER CONFIGURATION.....	8-1
8.1 PREREQUISITES	8-1
8.2 ORACLE BANKING BRANCH UI DOMAIN (OBBRNUI)	8-1
8.3 POST DOMAIN CREATION CONFIGURATIONS	8-9
9. ORACLE BANKING BRANCH USER INTERFACE DEPLOYMENTS	9-1
9.1 STEPS TO DEPLOY AS APPLICATION	9-1
10. RESTARTS AND REFRESH.....	10-1
10.1 RESTARTING SERVERS	10-1
11. DEPLOYMENTS	11-1
11.1 ORACLE BANKING BRANCH PROCESSES.....	11-1
11.2 UPDATING THE PROCESS	11-1
11.3 STEPS TO DEPLOY CONDUCTOR PROCESS.....	11-1
12. LAUNCHING ORACLE BANKING BRANCH FROM UBS	12-1
12.1 INTRODUCTION	12-1
12.2 FCUBS CONFIGURATIONS.....	12-1
12.3 PLATO CONFIGURATIONS	12-1

13.	ORACLE DIGITAL ASSISTANT CONFIGURATION	13-1
13.1	INTRODUCTION	13-1
13.2	PLATO SETUP	13-1
13.3	PLATO CONFIGURATIONS	13-2
13.4	API GATEWAY CONFIGURATION SETUP	13-2
13.5	MAP THE SKILL TO DIGITAL ASSISTANT	13-5
13.6	MAP DIGITAL ASSISTANT TO CHANNEL.....	13-6

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

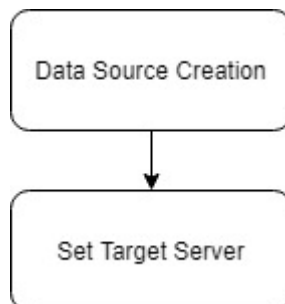
Service Name	Domain Name
obremo-blockmavnos-service*	Oracle Banking Branch Domain
obremo-cirularchq-service*	Oracle Banking Branch Domain
obremo-endtellerlargedenom-service*	Oracle Banking Branch Domain
obremo-issuemav-service*	Oracle Banking Branch Domain
obremo-mavbatchprocess-service*	Oracle Banking 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/SRVCMTXN	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

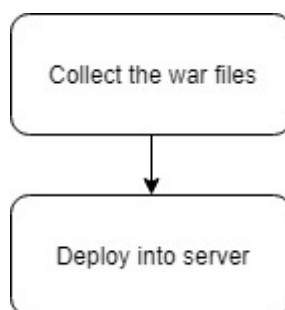
As part of Oracle Banking Branch, flyway jndi changes are incorporated. In order to deploy the services successfully, map the following data source to all the newly created managed servers for Oracle Banking Branch.

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

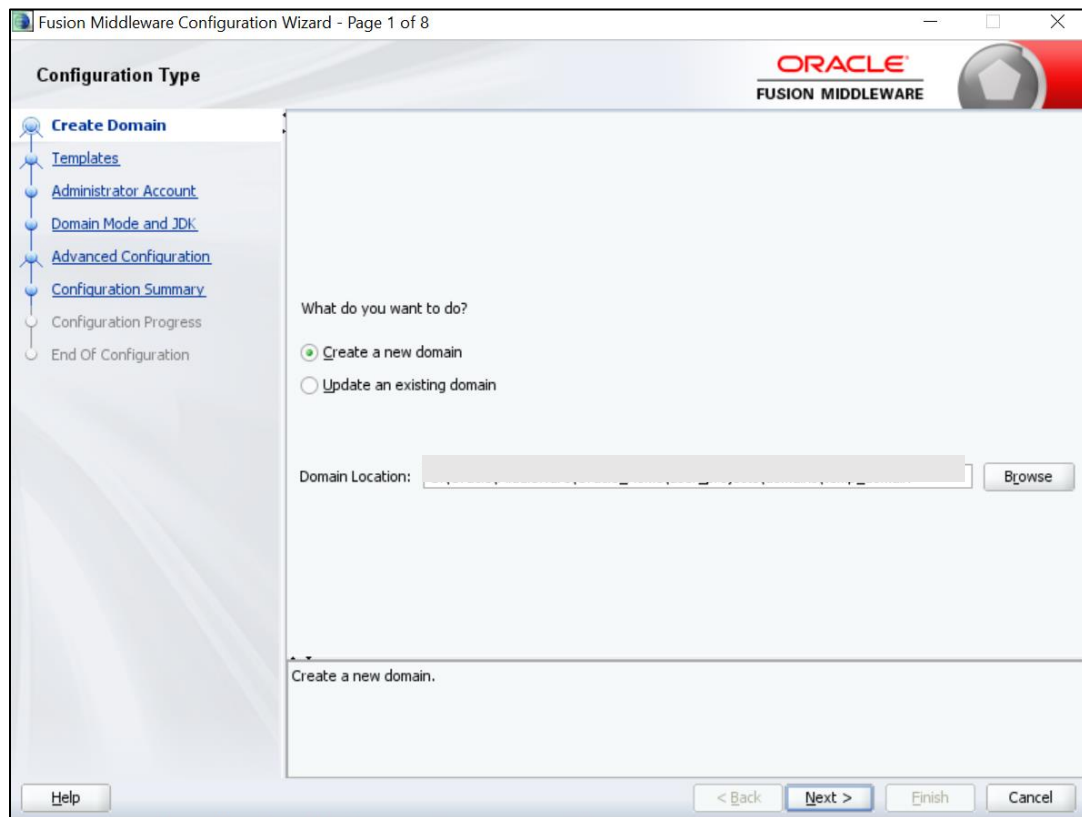
8.1 Prerequisites

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**.

The screenshot shows the 'Administration Server' configuration screen in the Fusion Middleware Configuration Wizard. The window title is 'Fusion Middleware Configuration Wizard - Page 6 of 16'. The Oracle logo and 'FUSION MIDDLEWARE' text are in the top right corner. On the left, a navigation pane lists the following steps: 'Create Domain', 'Templates', 'Administrator Account', 'Domain Mode and JDK', 'Advanced Configuration', 'Administration Server' (highlighted), 'Node Manager', 'Managed Servers', 'Clusters', 'Server Templates', 'Machines', 'Virtual Targets', 'Partitions', 'Configuration Summary', 'Configuration Progress', and 'End Of Configuration'. The main area contains the following fields and options:

- Server Name:
- Listen Address:
- Listen Port:
- Enable SSL: ☐
- SSL Listen Port:

At the bottom of the main area, a note states: 'Port number must be between 1 and 65535, and different from SSL listen port and coherence port.' The bottom of the window features a 'Help' button on the left and '< Back', 'Next >', 'Finish', and 'Cancel' buttons on the right.

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

Fusion Middleware Configuration Wizard - Page 8 of 16

Managed Servers

ORACLE
FUSION MIDDLEWARE

+ Add Clone Delete Discard Changes

Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port
ManagedServer_1	All Local Addresses	9903	<input type="checkbox"/>	Disabled

Help < Back Next > Finish Cancel

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

Fusion Middleware Configuration Wizard - Page 9 of 18

Clusters

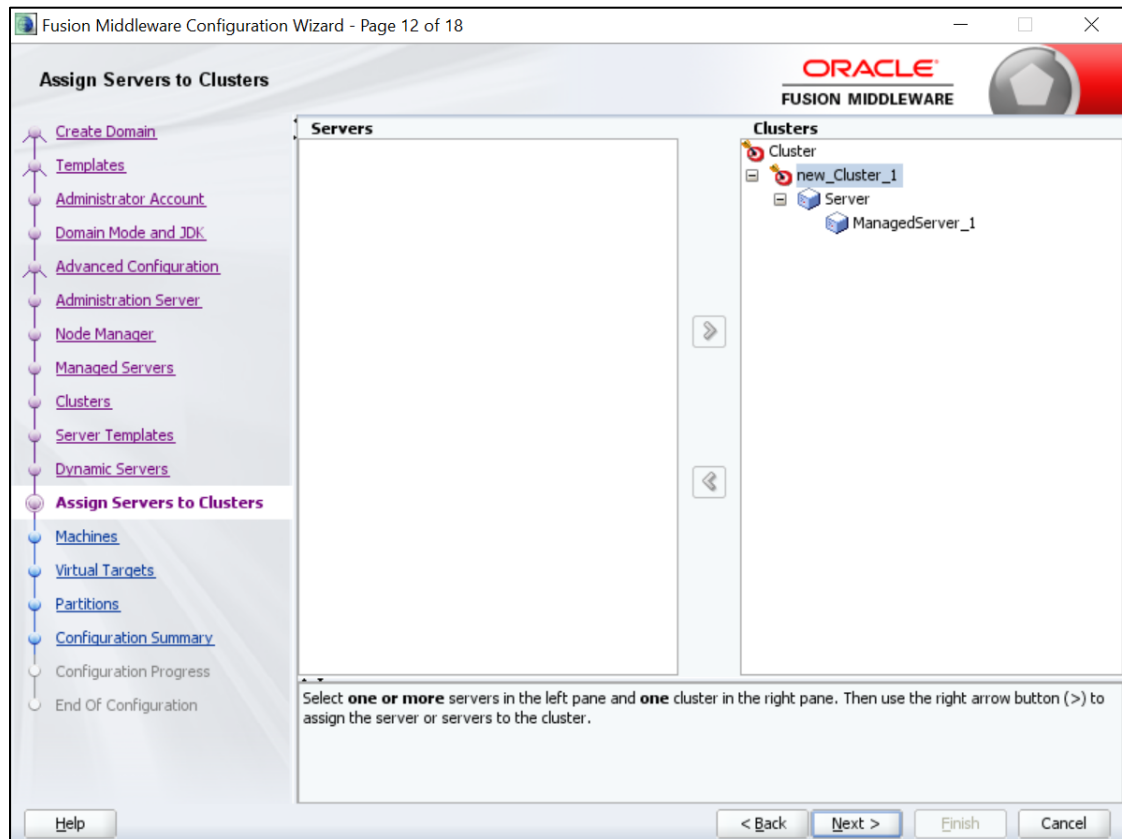
ORACLE
FUSION MIDDLEWARE

[+ Add](#) [X Delete](#) [Discard Changes](#)

Cluster Name	Cluster Address	Frontend Host	Frontend HTTP Port	Frontend HTTPS Port
new_Cluster_1			0	0

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

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**.

Fusion Middleware Configuration Wizard - Page 13 of 19

Machines

ORACLE
FUSION MIDDLEWARE

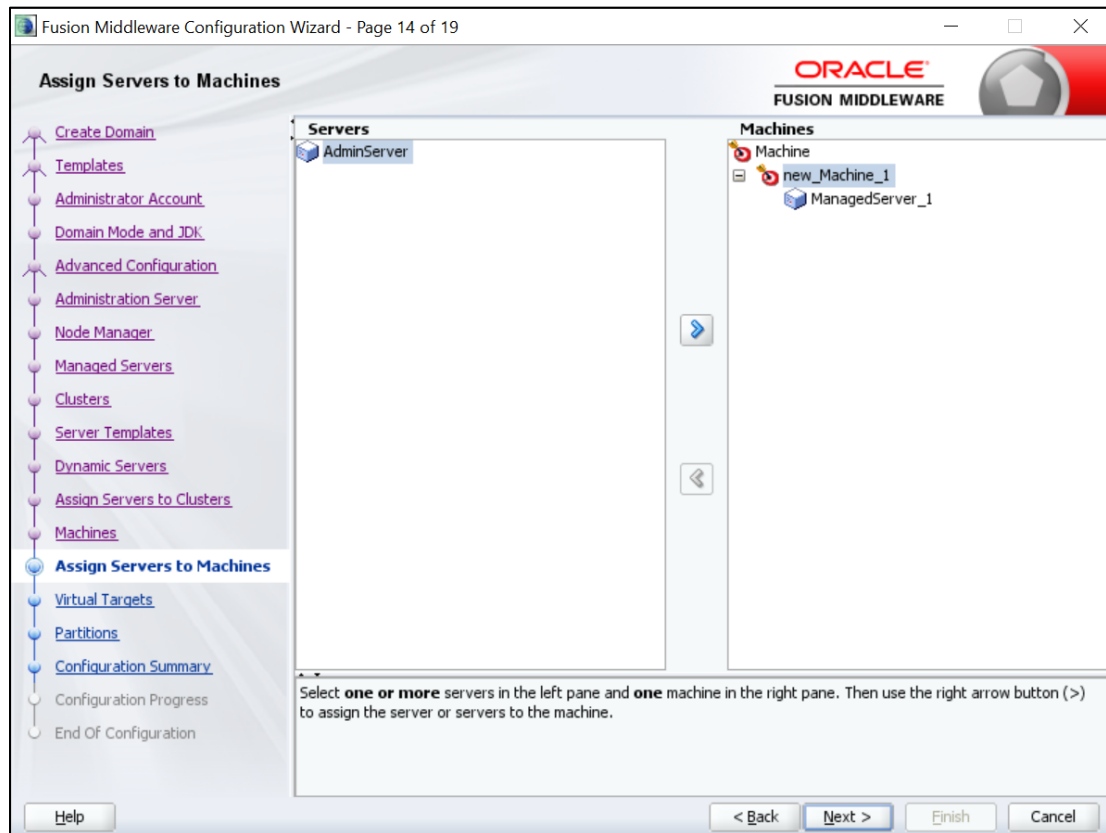
Machine: **Unix Machine**

[+ Add](#) [X Delete](#) [Discard Changes](#)

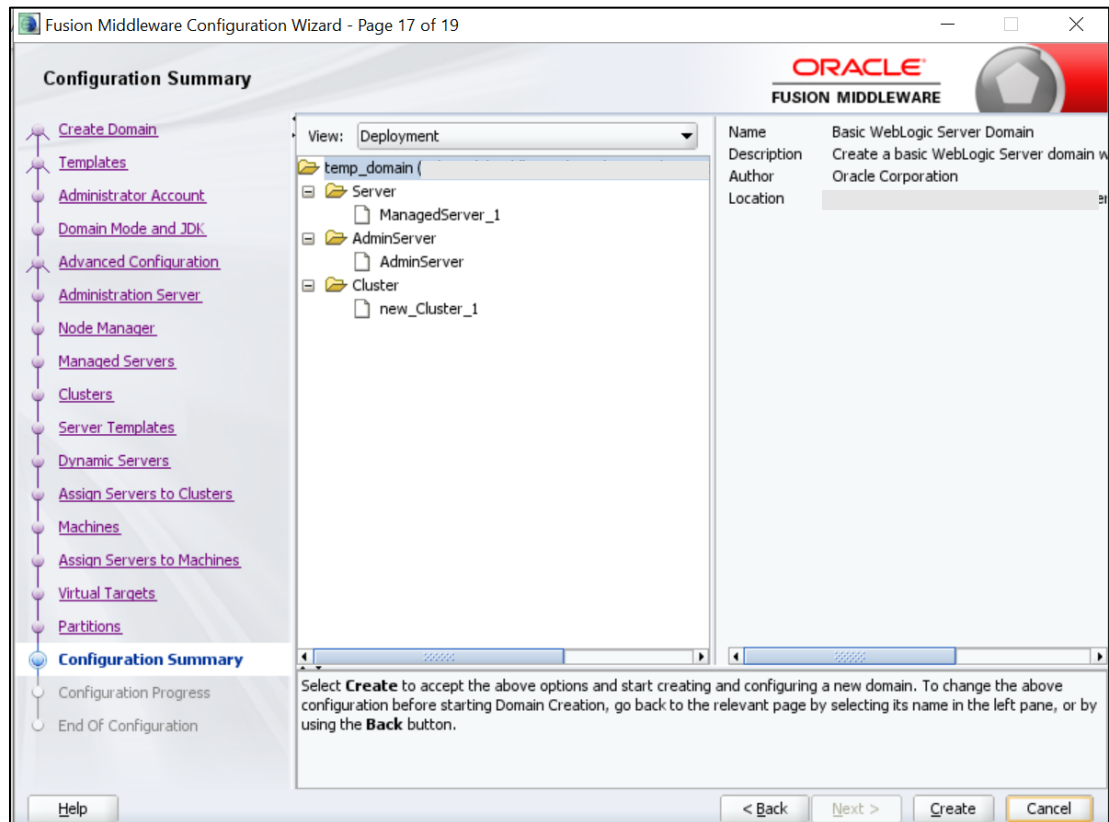
Name	Node Manager Listen Address	Node Manager Listen Port
new_Machine_1	localhost	5556

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

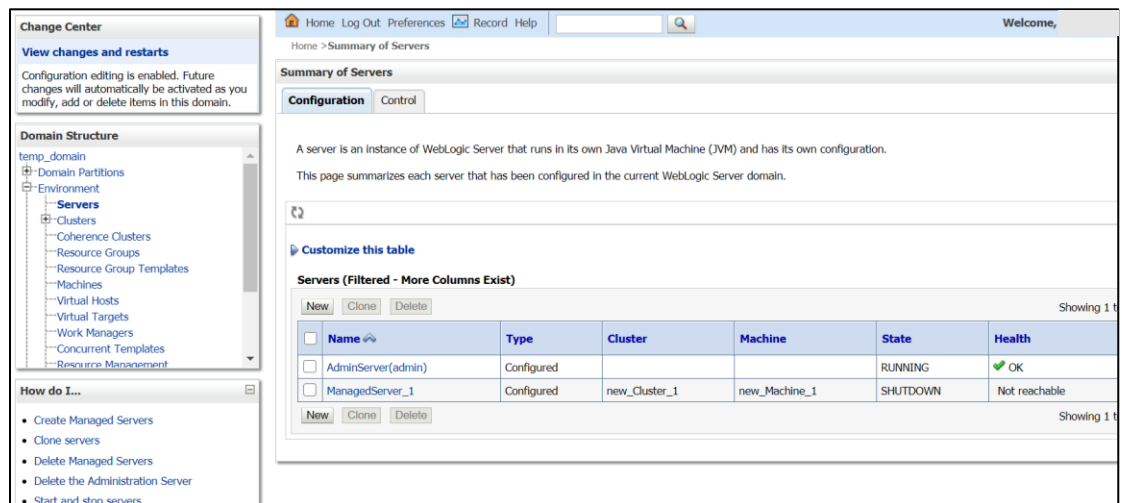
7. On **Assign Server to Machines** screen, assign the required machine, and click **Next**.



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.



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

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├── Domain Partitions
├── Environment
│ ├── Servers
│ └── **Clusters**
│ ├── Coherence Clusters
│ ├── Resource Groups
│ ├── Resource Group Templates
│ ├── Machines
│ ├── Virtual Hosts
│ ├── Virtual Targets
│ ├── Work Managers
│ ├── Concurrent Templates
│ └── Resource Management

Summary of Clusters
This page summarizes the clusters that have been configured in the current WebLogic Server domain.
A cluster defines groups of WebLogic Server servers that work together to increase scalability and reliability.

Customize this table
Clusters (Filtered - More Columns Exist)
New Clone Delete Showing 1

Name	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Channel
<input type="checkbox"/> new_Cluster_1		Unicast	Database	Round Robin	(None)	

New Clone Delete Showing 1

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

Change Center
View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├── Domain Partitions
├── Environment
│ ├── Servers
│ └── **Machines**
│ ├── Coherence Clusters
│ ├── Resource Groups
│ ├── Resource Group Templates
│ ├── Virtual Hosts
│ ├── Virtual Targets
│ ├── Work Managers
│ ├── Concurrent Templates
│ └── Resource Management

Summary of Machines
A machine is the logical representation of the computer that hosts one or more WebLogic Server instances (servers). WebLogic Server uses configured machine names to identify the server in a cluster to which certain tasks, such as HTTP session replication, are delegated. The Administration Server uses the machine definition in conjunction with Node Manager to manage remote servers.
This page displays key information about each machine that has been configured in the current WebLogic Server domain.

Customize this table
Machines
New Clone Delete Showing 1

Name	Type
<input type="checkbox"/> new_Machine_1	Machine

New Clone Delete Showing 1

How do I...

- Create and configure machines
- Assign server instances to machines
- Clone machines
- Delete machines

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.

- Create **boot.properties** file under **/user_projects/domains/XXXXdomainNameXXX/servers/AdminServer/security**.
- Edit **boot.properties** and give username and password details.
- Goto **/user_projects/domain/sms_domain/bin**.
- Run **startWeblogic.cmd** (or **.sh** if operating system is linux).
- Goto **/user_projects/domains/ sms _domain/bin**.
- Run **setNMJavaHome.cmd** (**.sh**).
- Goto **/user_projects/domains/ sms _domain/nodemanager**.
- 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**.
- Navigate to **/user_projects/domains/ sms _domain/bin**.
- Run **startNodeManager.cmd** (or **.sh** if operating system is linux).
- Start all managed servers.

Login to console and verify servers and clusters.

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

temp_domain

- Domain Partitions
- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Resource Groups
 - Resource Group Templates
 - Machines
 - Virtual Hosts
 - Virtual Targets
 - Work Managers
 - Concurrent Templates
 - Resource Management

How do I...

- Create Managed Servers
- Clone servers
- Delete Managed Servers

Home > Summary of Servers > Summary of Clusters > Summary of Servers > Summary of Machines > Summary of Servers

Summary of Servers

Configuration Control

A server is an Instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration.

This page summarizes each server that has been configured in the current WebLogic Server domain.

Customize this table

Servers (Filtered - More Columns Exist)

New Clone Delete

Showing 1 to 2 of 2 Previous Next

<input type="checkbox"/>	Name ↕	Type	Cluster	Machine	State	Health	Listen Port
<input type="checkbox"/>	AdminServer(admin)	Configured			RUNNING	OK	9900
<input type="checkbox"/>	ManagedServer_1	Configured	new_Cluster_1	new_Machine_1	SHUTDOWN	Not reachable	9903

New Clone Delete

Showing 1 to 2 of 2 Previous Next

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

temp_domain

- Domain Partitions
- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Resource Groups
 - Resource Group Templates
 - Machines
 - Virtual Hosts
 - Virtual Targets
 - Work Managers
 - Concurrent Templates
 - Resource Management

Summary of Clusters

This page summarizes the clusters that have been configured in the current WebLogic Server domain.

A cluster defines groups of WebLogic Server servers that work together to increase scalability and reliability.

Customize this table

Clusters (Filtered - More Columns Exist)

New Clone Delete

Showing 1 to 1 of 1 Previous Next

<input type="checkbox"/>	Name ↕	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Channel	Servers
<input type="checkbox"/>	new_Cluster_1		Unicast	Database	Round Robin	(None)		ManagedServer_1

New Clone Delete

Showing 1 to 1 of 1 Previous Next

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

temp_domain

- Domain Partitions
- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Resource Groups
 - Resource Group Templates
 - Machines
 - Virtual Hosts
 - Virtual Targets
 - Work Managers
 - Concurrent Templates
 - Resource Management

Summary of Machines

A machine is the logical representation of the computer that hosts one or more WebLogic Server instances (servers). WebLogic Server uses configured machine names to determine the optimum server in a cluster to which certain tasks, such as HTTP session replication, are delegated. The Administration Server uses the machine definition in conjunction with Node Manager to start remote servers.

This page displays key information about each machine that has been configured in the current WebLogic Server domain.

Customize this table

Machines

New Clone Delete

Showing 1 to 1 of 1 Previous Next

<input type="checkbox"/>	Name ↕	Type
<input type="checkbox"/>	new_Machine_1	Machine

New Clone Delete

Showing 1 to 1 of 1 Previous Next

8-10

ORACLE®

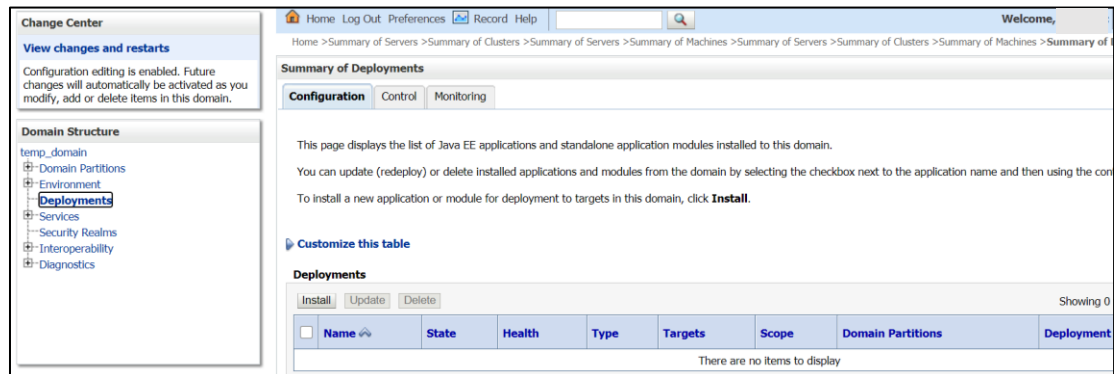
9. Oracle Banking Branch User Interface Deployments

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**.



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

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Lock & Edit

Release Configuration

Domain Structure

- dev_domain
 - Domain Partitions
 - Partition Work Managers
 - Environment
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

Home > Summary of Servers > PLATO > Summary of Machines > SERVICING > Summary of Deployments

Install Application Assistant

Back Next Finish Cancel

Locate deployment to install and prepare for deployment

Select the file path that represents the application root directory, archive file, exploded archive directory, or a

Note: Only valid file paths are displayed below. If you cannot find your deployment files, [Upload your file\(s\)](#)

Path:

Recently Used Paths:

Current Location:

☐ obremo-app-shell-snapshot.war

Back Next Finish Cancel

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

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- temp_domain
 - Domain Partitions
 - Environment
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

Install Application Assistant

Back Next Finish Cancel

Choose installation type and scope

Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.

The application and its components will be targeted to the same locations. This is the most common usage.

☒ Install this deployment as an application

Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applica

☐ Install this deployment as a library

Select a scope in which you want to install the deployment.

Scope: Global

Back Next Finish Cancel

- 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**.

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- temp_domain
 - Domain Partitions
 - Environments
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

- Start and stop a deployed enterprise application
- Configure an enterprise application
- Create a deployment plan
- Target an enterprise application to a server instance
- Test the modules in an enterprise application

System Status

Install Application Assistant

Back Next Finish Cancel

Review your choices and click Finish

Click Finish to complete the deployment. This may take a few moments to complete.

Additional Configuration

In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?

☒ **Yes, take me to the deployment's configuration screen.**

☐ No, I will review the configuration later.

Summary

Deployment: D:\New_folder\obremo-app-shell-snapshot.war

Name: obremo-app-shell-snapshot

Staging Mode: Use the defaults defined by the chosen targets

Plan Staging Mode: Use the same accessibility as the application

Security Model: DDOnly: Use only roles and policies that are defined in the deployment descriptors.

Scope: Global

Target Summary

Components	Targets
obremo-app-shell-snapshot	AdminServer

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

View changes and restarts

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure

- temp_domain
 - Domain Partitions
 - Environments
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

- Configure an enterprise application
- Start applications and modules
- Stop applications and modules
- View the modules of an enterprise application
- Monitor the modules of an enterprise application

Summary of Deployments

Configuration Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.

You can start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

Customize this table

Deployments

Start Stop

Deployments	State	Health	Type	Targets	Scope	Domain Partitions
Servicing all requests						
Servicing only administration requests						
obremo-app-shell-snapshot	Active	OK	Web Application	AdminServer	Global	

Start Stop

Showing 1 to 1 of 1 Previous Next

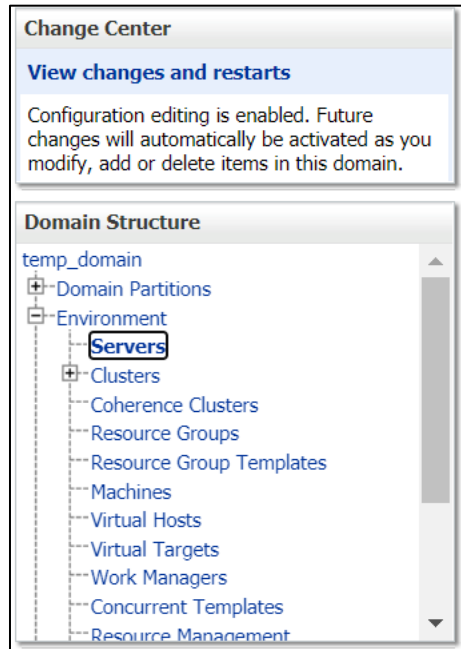
10. Verify state is Active. If yes, open the URL in this format:
<http://HostName:PortNo/app-shell/>

10.Restarts and Refresh

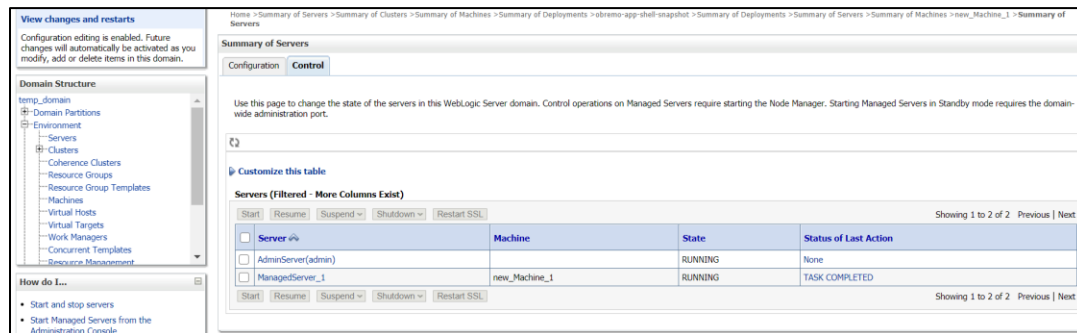
Once everything is deployed, restart all the managed servers. And for each application call path **/refresh** for refreshing the configuration properties.

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.



View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├─ Domain Partitions
├─ Environment
├─ Servers
├─ Clusters
├─ Coherence Clusters
├─ Resource Groups
├─ Resource Group Templates
├─ Machines
├─ Virtual Hosts
├─ Virtual Targets
├─ Work Managers
├─ Concurrent Templates
└─ Resource Management

How do I...
• Start and stop servers
• Start Managed Servers from the Administration Console

Summary of Servers
Configuration Control

Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain-wide administration port.

Customize this table

Servers (Filtered - More Columns Exist)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

Server	Machine	State	Status of Last Action
<input type="checkbox"/> AdminServer(admin)		RUNNING	None
<input checked="" type="checkbox"/> ManagedServer_1	new_Machine_1	RUNNING	TASK COMPLETED

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├─ Domain Partitions
├─ Environment
├─ Servers
├─ Clusters
├─ Coherence Clusters
├─ Resource Groups
├─ Resource Group Templates
├─ Machines
├─ Virtual Hosts
├─ Virtual Targets
├─ Work Managers
├─ Concurrent Templates
└─ Resource Management

How do I...
• Start and stop servers
• Start Managed Servers from the Administration Console

Summary of Servers
Configuration Control

Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain-wide administration port.

Customize this table

Servers (Filtered - More Columns Exist)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

Server	Machine	State	Status of Last Action
<input type="checkbox"/> AdminServer(admin)		RUNNING	None
<input type="checkbox"/> ManagedServer_1	new_Machine_1	SHUTDOWN	TASK COMPLETED

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

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

View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├─ Domain Partitions
├─ Environment
├─ Servers
├─ Clusters
├─ Coherence Clusters
├─ Resource Groups
├─ Resource Group Templates
├─ Machines
├─ Virtual Hosts
├─ Virtual Targets
├─ Work Managers
├─ Concurrent Templates
└─ Resource Management

How do I...
• Start and stop servers
• Start Managed Servers from the Administration Console

Summary of Servers
Configuration Control

Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain-wide administration port.

Customize this table

Servers (Filtered - More Columns Exist)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

Server	Machine	State	Status of Last Action
<input type="checkbox"/> AdminServer(admin)		RUNNING	None
<input type="checkbox"/> ManagedServer_1	new_Machine_1	STARTING	TASK IN PROGRESS(7 seconds)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├─ Domain Partitions
├─ Environment
├─ Servers
├─ Clusters
├─ Coherence Clusters
├─ Resource Groups
├─ Resource Group Templates
├─ Machines
├─ Virtual Hosts
├─ Virtual Targets
├─ Work Managers
├─ Concurrent Templates
└─ Resource Management

How do I...
• Start and stop servers
• Start Managed Servers from the Administration Console

Summary of Servers
Configuration Control

Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain-wide administration port.

Customize this table

Servers (Filtered - More Columns Exist)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

Server	Machine	State	Status of Last Action
<input type="checkbox"/> AdminServer(admin)		RUNNING	None
<input type="checkbox"/> ManagedServer_1	new_Machine_1	RUNNING	TASK COMPLETED

Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next

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

View changes and restarts
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure
temp_domain
├─ Domain Partitions
├─ Environment
├─ **Deployments**
├─ Services
├─ Security Realms
├─ Interoperability
└─ Diagnostics

How do I...

- Install an enterprise application
- Configure an enterprise application
- Update (redeploy) an enterprise application

Home > Summary of Deployments > obremo-app-shell-snapshot > Summary of Deployments > Summary of Servers > Summary of Machines > new_Machine_1 > Summary of Servers > Summary of Deployments > obremo-app-shell-snapshot > Summary of Deployments

Summary of Deployments
Configuration Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.

You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

To install a new application or module for deployment to targets in this domain, click **Install**.

Customize this table

Install Update Delete

<input type="checkbox"/>	Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
<input type="checkbox"/>	obremo-app-shell-snapshot	Active	OK	Web Application	ManagedServer_1	Global		100

Install Update Delete

Showing 1 to 1 of 1 Previous Next

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:

PostWorkflow Comments 0 Examples 0

PUT Send Save

Params Authorization Headers (3) Body ● Pre-request Script Tests Settings Cookies Code

▼ Headers (3) Key-Value Edit Presets ▼

Content-Type:application/json
branchCode:004
userId:KARTHIKR

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

PostWorkflow Comments 0 Examples 0

PUT Send Save

Params Authorization Headers (3) Body ● Pre-request Script Tests Settings Cookies Code

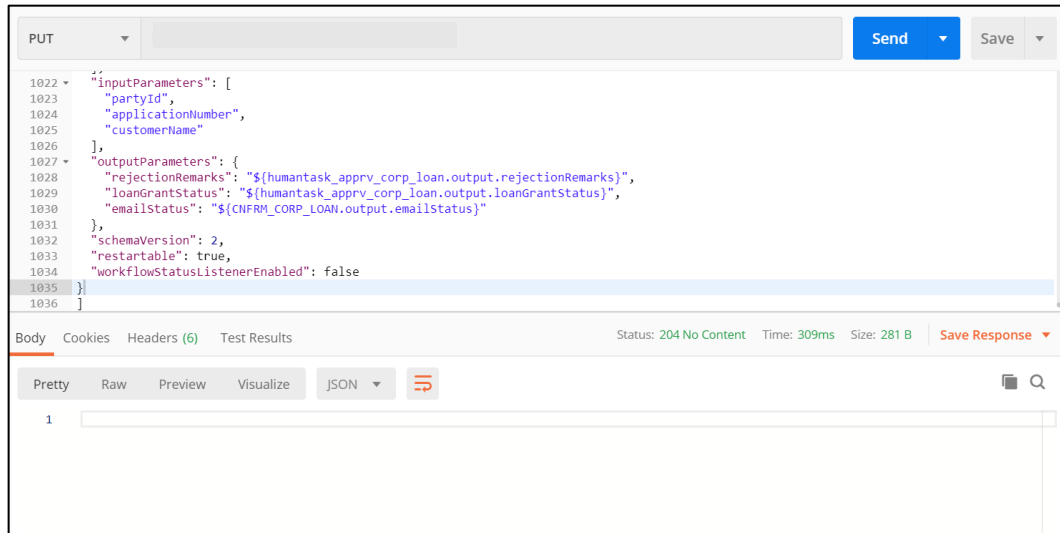
● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ▼ Beautify

```

1 {
2 {
3   "createTime": 1581509022312,
4   "updateTime": 1582711022135,
5   "name": "CAMS",
6   "version": 1,
7   "tasks": [
8     {
9       "name": "CAMServiceGateway",
10      "taskReferenceName": "CAMServiceGateway",
11      "inputParameters": {
12        "isFromCollateralEvaluation": "${workflow.input.transactionData.moduleData.isFromCollateralEvaluation}"
13      },
14      "type": "DECISION",
15      "caseValueParam": "isFromCollateralEvaluation",
16      "decisionCases": {
17        "N": [
18          {
19            "name": "Proposal Initiation",
20            "taskReferenceName": "Initiation",
21            "inputParameters": {

```

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



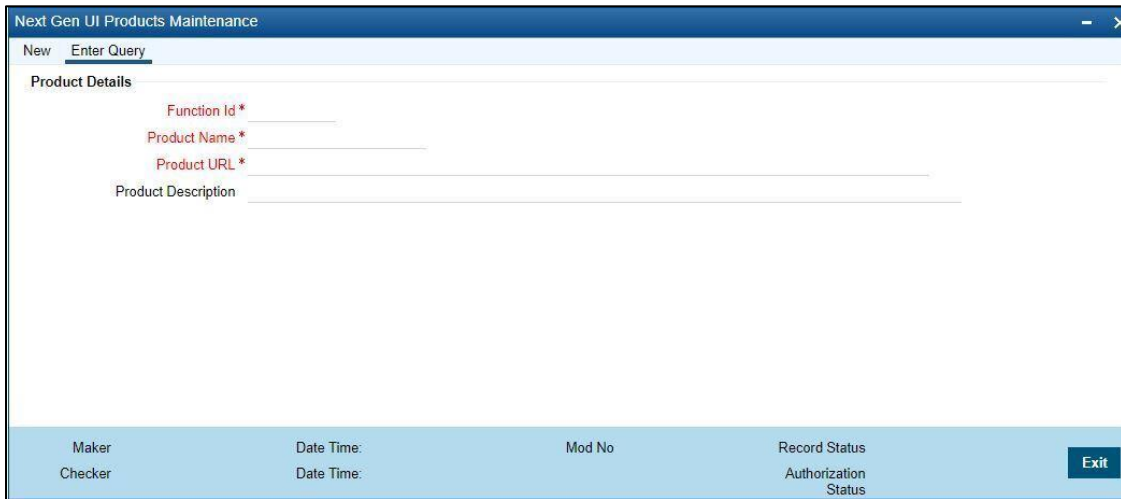
12.Launching Oracle Banking Branch from UBS

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.

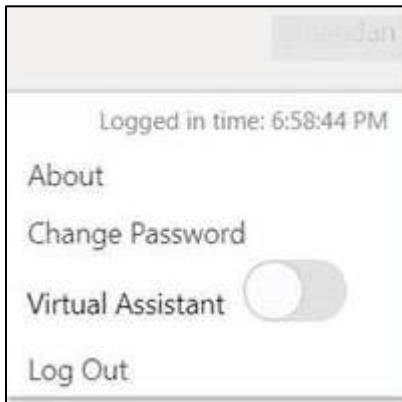
13.Oracle Digital Assistant Configuration

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/

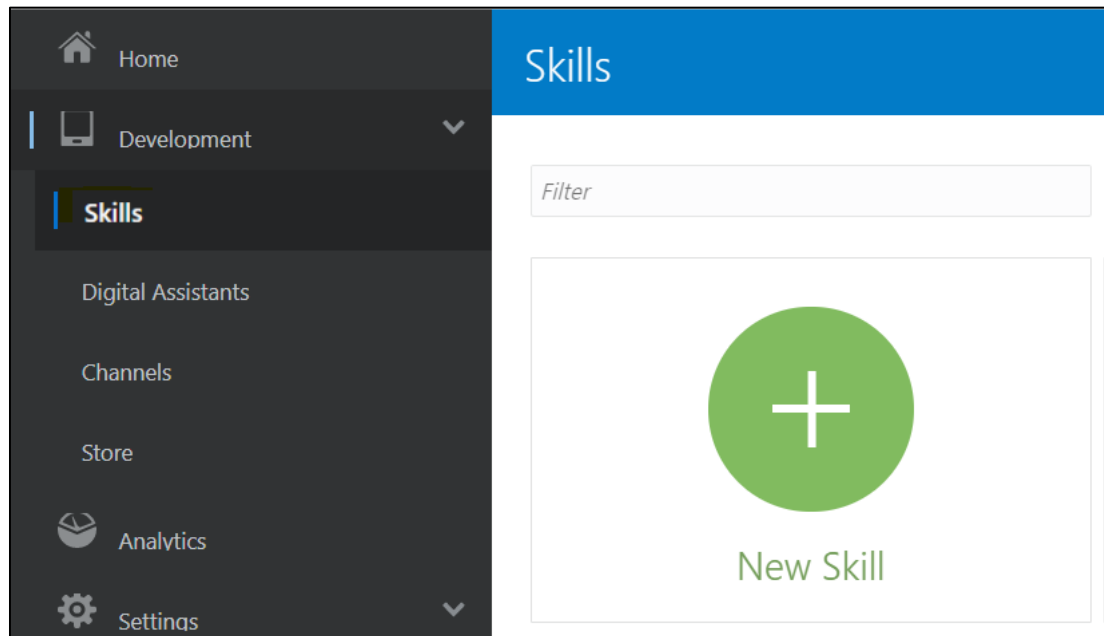
Please update the hostname and port number in the above URL.

13.4 API Gateway Configuration Setup

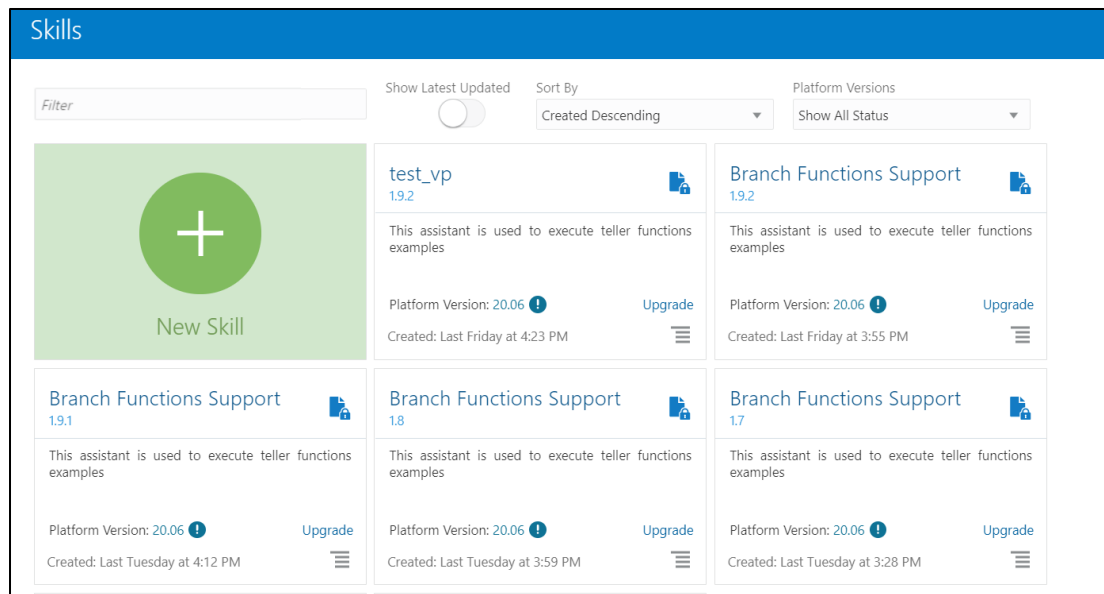
The user need to configure the API Gateway and publish the skills. Perform the following steps to configure API Gateway:

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.

< Skills • Branch Functions Support PUBLISHED • 1.9.2 – 20.06

Intents More

Filter

Sort By Display Name Ascending

Cheque

Deposit

Menu

OpenTellerBatch

TD Open

Page 1 of 1

Description Try It Out!

Conversation Name *

Deposit

Name

Cheque

Description

Cheque Withdrawal

Answer

If the intent corresponds with a question that can be answered with static text, add that text here. When you use this option, the conversation ends after the answer text is displayed.

Enable Intent On

Examples

Utterances in Ascending Order

6. Click **Configuration** tab.

< Skills • Branch Functions Support PUBLISHED • 1.9.2 – 20.06

General Configuration Digital Assistant Events Q&A Routing Config

System Parameters

Confidence Threshold 0.7

The minimum confidence score required to match a skill's intent with user input. If there is no match, the system will return an 'unresolvedIntent'. (Minimum value 0, maximum value 1)

Confidence Win Margin 0.1

Only the top intent that exceeds the confidence threshold is picked if it is the highest ranking intent. If other intents that exceed the confidence threshold have scores that are within that confidence win margin, these intents are also presented to the user. (Minimum value 0, maximum value 1)

Unexpected Error Prompt Oops I'm encountering a spot of trouble. Please try again later...

The message when there is an unexpected error

Max States Exceeded Error Prompt Your session appears to be in an infinite loop.

The message when the Bot appears to be an infinite loop

Expired Session Error Prompt Your session has expired. Please start again.

The message when the session has expired

OAuth Cancel Prompt Authentication canceled.

The message when OAuth authorization is canceled

OAuth Success Prompt Authentication successful. You can return to the conversation.

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

Expired Session Error Prompt: Your session has expired. Please start again.
The message when the session has expired

OAuth Cancel Prompt: Authentication canceled.
The message when OAuth authorization is canceled

OAuth Success Prompt: Authentication successful! You can return to the conversation.
The message when OAuth authorization succeeds

Custom Parameters

+ New Parameter Filter parameters

Edit Delete

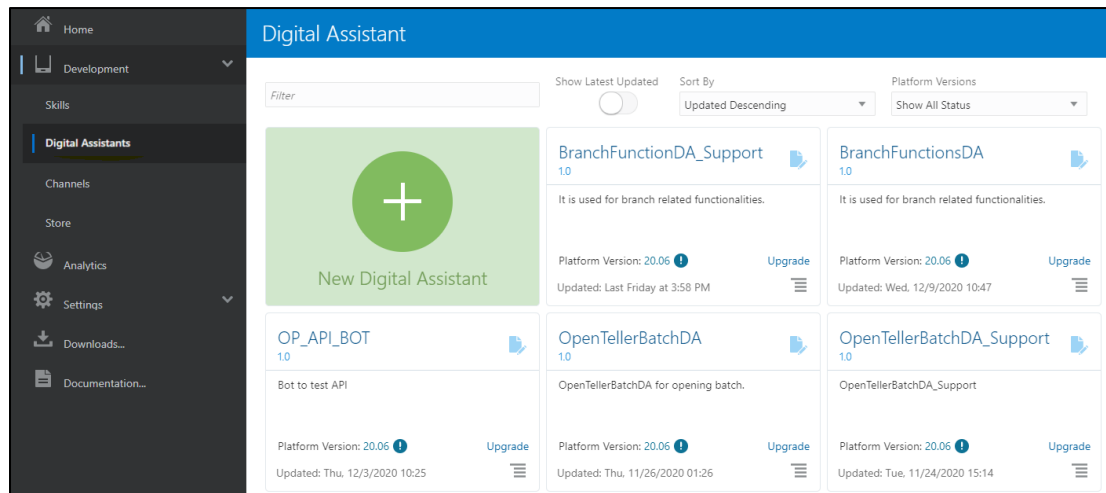
Name	Display Name	Type	Value	Description
apiGatewayHostName	apiGatewayHostName	String	www.oracle.com	API-Gateway host name.
apiGatewayPort	apiGatewayPort	String	8080	API-Gateway port number.
oAuthClientId	oAuthClientId	String	oAuthClientId	OAuth clientId for generating to...
oAuthClientPassword	oAuthClientPassword	String	oAuthClientPassword	OAuth clientPassword for gener...

Page 1 of 1 (1-4 of 4 items) < 1 >

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.

The screenshot shows the configuration page for a Digital Assistant named "BranchFunctionDA_Support" in a "DRAFT" state. The page has a blue header with the assistant's name and a dropdown menu. On the left, there is a sidebar with icons for chat, user, analytics, and settings. The main content area is divided into two columns. The left column contains a list of skills, with "Branch Functions Support" selected, showing its version as 1.9.2. The right column displays the configuration details for the selected skill, including its display name, name, version, platform version, and a description. The "Enabled" toggle is turned on, and the "Interaction Model" is set to "Default".

Digital Assistant • BranchFunctionDA_Support	
+ Add Skill	Description
Branch Functions Support • 1.9.2	Display Name Branch Functions Support
Page 1 of 1	Name BranchFunctionsSupport
	Version 1.9.2
	Platform Version 20.06 (Active)
	One-sentence Description This assistant is used to execute teller functions examples
	Description No detailed description defined for this skill.
	Enabled <input checked="" type="checkbox"/>
	Interaction Model Default

13.6 Map Digital Assistant to Channel

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

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

The screenshot shows the "Channels" configuration page. The top navigation bar includes "Users", "Agent Integrations", "DA as Agent", "Applications", and "System". The "Channels" tab is active. On the left, there is a list of channels with a filter input. The channels listed are "BranchFunctionChannels_CD0", "FCISChannel", "FCR", "FCRDEV", "fictitious_fb", "HEARTBEAT_KETVAIDY_LOCAL", "HGBU_FRACTAL_BANGKOK", "HGBU_FRACTAL_SEOUL", and "HGBU_FRACTAL_TAIPEI". The right column displays the configuration details for the selected channel, "BranchFunctionChannels_CD0". The "Route To" is set to "BranchFunctionDA_CD0", and the "Channel Enabled" toggle is turned on. The "Name" and "Description" are both "BranchFunctionChannels_CD0". The "Channel Type" is "Oracle Web". The "Allowed Domains" is set to "*". The "Secret Key" is "y87CiUlnVqmo4e9MjbYYSSJCjHwWV". The "Channel Id" is "ee54003f-baec-42a2-8490-e8f6799ac9f2". The "Client Authentication Enabled" toggle is turned off. The "Session Expiration (minutes)" is set to "60".

Channels	
+ Channel	Route To BranchFunctionDA_CD0
Filter	Channel Enabled <input checked="" type="checkbox"/>
BranchFunctionChannels_CD0	* Name BranchFunctionChannels_CD0
FCISChannel	Description BranchFunctionChannels_CD0
FCR	Channel Type Oracle Web
FCRDEV	* Allowed Domains *
fictitious_fb	Secret Key y87CiUlnVqmo4e9MjbYYSSJCjHwWV
HEARTBEAT_KETVAIDY_LOCAL	Channel Id ee54003f-baec-42a2-8490-e8f6799ac9f2
HGBU_FRACTAL_BANGKOK	Client Authentication Enabled <input type="checkbox"/>
HGBU_FRACTAL_SEOUL	* Session Expiration (minutes) 60
HGBU_FRACTAL_TAIPEI	Default

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

Channels

Users

Agent Integrations

DA as Agent

Applications

System

+ Channel

OpenTellerBatchChannels_Support

OpenTellerBatchChannels_Supp...

Page 1 of 1

Route To

BranchFunctionDA_Support

DRAFT • 1.0 – 20.06

Channel Enabled

* Name

OpenTellerBatchChannels_Support

Description

OpenTellerBatchChannels_Support

Channel Type

Oracle Web

* Allowed Domains

*

Secret Key

8Kq9fKrmladDDmuHY9S1eFtMx184vHOR

Channel Id

b6daf995-4861-4f3e-83c0-aab4062ce647

Client Authentication Enabled

* Session Expiration (minutes)

60

Default



Installation Guide

[January] [2021]

Version 14.4.0.0.0

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>

Copyright © [2021], Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.