Oracle Banking Origination Installation Guide

Oracle Banking Origination

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1. Preface

1.1 Introduction

This guide helps you to install the Oracle Banking Origination 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 Oracle Banking Microservices Architecture services, Oracle Banking Origination Services and Oracle Banking Origination 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 Origination services, UI, process flow in same order. Also mentioned is the list of Common Core services required by Oracle Banking Origination services

Common Core Services

- 1. cmc-account-services
- 2. cmc-additional-attributes-services
- 3. cmc-advice-services
- 4. cmc-base-services
- 5. cmc-branch-services
- 6. cmc-businessoverrides-services
- 7. cmc-checklist-services
- 8. cmc-comments-services
- 9. cmc-currency-services
- 10. cmc-customer-services
- 11. cmc-datasegment-services
- 12. cmc-document-services
- 13. cmc-documentmanagement-services
- 14. cmc-external-chart-account
- 15. cmc-ml-indb-services
- 16. cmc-obcbs-services
- 17. cmc-obrh-service



- 18. cmc-opds-services
- 19. cmc-priority-services
- 20. cmc-processcode-service
- 21. cmc-report-services
- 22. cmc-resource-segment-orchestrator-service
- 23. cmc-screenclass-services
- 24. cmc-sequencegenerator-services
- 25. cmc-sla-services
- 26. cmc-transactioncontroller-services
- 27. cmc-resourceclass-services

Oracle Banking Origination Services

- 1. obremo-rpm-maintenance-services
- 2. obremo-rpm-process-driver-services
- 3. obremo-rpm-businessprocess-services
- 4. obremo-rpm-businessproductdetails-services
- 5. obremo-rpm-cmn-applicantservices
- 6. obremo-rpm-cmn-hostservices
- 7. obremo-rpm-cmn-scorecardservices
- 8. obremo-rpm-lo-loanapplications
- 9. obremo-rpm-sav-account-service
- 10. obremo-rpm-term-deposit-service
- 11. obremo-rpm-projection-services
- 12. obremo-rpm-batch-services
- 13. obremo-rpm-cmn-ipaservices
- 14. obremo-rpm-cmn-collateralservices
- 15. obremo-rpm-creditcardapplication
- 16. obremo-rpm-rule-configurationservice
- 17. obremo-rpm-cmn-mlservice



User Interface

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. oboflo-component-server

Oracle Banking Origination Process Workflow

- 1. CASAHOSTORCH
- 2. CREDITCARD
- 3. CURRENTACCOUNT
- 4. EDUCATIONLOAN
- 5. HOMELOAN
- 6. HOSTORCHESTRATOR
- 7. INITIATION
- 8. INSTCURACC
- 9. INSTSAVACC
- 10. INSTTDACC
- 11. IPA
- 12. PERSONALLOAN
- 13. SAVINGSACCOUNT
- 14. SMBCURRENTACCOUNT
- 15. SMBLOAN
- 16. SMBSAVINGS
- 17. SMBTD1
- 18. SMBTERMLOAN
- 19. TDACCOUNT
- 20. TDHOSTORCH



21. VEHICLELOAN

1.5 Related documents

For more information, refer to the following documents:

- Getting Started User Guide
- Oracle Banking Origination 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 Origination 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 Prerequisite

In this section, you are going to setup database related configuration for Oracle Banking Origination 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 Origination schema's to be created:

Service Name	Schema Required
obremo-rpm-maintenance-services	Yes (obremo-rpm-maintenance-services schema)
obremo-rpm-process-driver- services	Yes (obremo-rpm-process-driver-services schema
obremo-rpm-businessprocess- services	Yes (obremo-rpm-businessprocess-services schema)
obremo-rpm- businessproductdetails-services	Yes (obremo-rpm-businessproductdetails-services schema)
obremo-rpm-cmn- applicantservices	Yes (obremo-rpm-cmn-applicantservices schema)
obremo-rpm-cmn-hostservices	Yes (obremo-rpm-cmn-hostservices schema)
obremo-rpm-cmn- scorecardservices	Yes (obremo-rpm-cmn-scorecardservices schema)
obremo-rpm-lo-loanapplications	Yes (obremo-rpm-lo-loanapplications schema)
obremo-rpm-sav-account-service	Yes (obremo-rpm-sav-account-service schema)
obremo-rpm-term-deposit-service	Yes Yes (obremo-rpm-term-deposit-service schema)
obremo-rpm-projection-services	Yes (obremo-rpm-projection-services schema)
obremo-rpm-batch-services	No (uses the plato batch server schema)
obremo-rpm-cmn-ipaservices	Yes (obremo-rpm-cmn-ipaservices schema)



Service Name	Schema Required
obremo-rpm-cmn- collateralservices	Yes (obremo-rpm-cmn-collateralservices schema)
obremo-rpm-creditcardapplication	Yes (obremo-rpm-creditcardapplication schema)
obremo-rpm-cmn-mlservice	Yes (obremo-rpm-cmn-mlservice schema)
obremo-rpm-rule- configurationservice	No(Plato rule schema)



3. Oracle Banking Origination Services Domains Configuration

3.1 Prerequisites

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

NOTE: Before proceeding with below steps complete Oracle Banking Microservices Architecture installation guided.

3. Steps for creating all Oracle Banking Origination 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 Prerequisites** section in **License Guide**.

3.2 Oracle Banking Origination Service Domain Creation

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

Service Name	Domain Name
obremo-rpm-maintenance-services	Oracle Banking Origination Domain
obremo-rpm-process-driver-services	Oracle Banking Origination Domain
obremo-rpm-businessprocess-services	Oracle Banking Origination Domain
obremo-rpm-businessproductdetails- services	Oracle Banking Origination Domain
obremo-rpm-cmn-applicantservices	Oracle Banking Origination Domain
obremo-rpm-cmn-hostservices	Oracle Banking Origination Domain
obremo-rpm-cmn-scorecardservices	Oracle Banking Origination Domain
obremo-rpm-lo-loanapplications	Oracle Banking Origination Domain
obremo-rpm-term-deposit-service	Oracle Banking Origination Domain
obremo-rpm-batch-services	Oracle Banking Origination Domain
obremo-rpm-projection-services	Oracle Banking Origination Domain
obremo-rpm-sav-account-service	Oracle Banking Origination Domain
obremo-rpm-cmn-ipaservices	Oracle Banking Origination Domain
obremo-rpm-cmn-collateralservices	Oracle Banking Origination Domain
obremo-rpm-creditcardapplication	Oracle Banking Origination Domain
obremo-rpm-cmn-mlservice	Oracle Banking Origination Domain
obremo-rpm-rule-configurationservice	Oracle Banking Origination Domain



4. Data Sources Creation

4.1 Prerequisite

Database setup for Oracle Banking Origination 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 Origination 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
obremo-rpm- maintenance- services	RPMMAINTENANCE	jdbc/OBREMOMAI NTCE	Oracle Banking Origination Managed Server
obremo-rpm- process-driver- services	RPMProcessDriver	jdbc/RPMPROCE SSDRIVER	Oracle Banking Origination Managed Server
obremo-rpm- businessprocess- services	RPMBusinessProces s	jdbc/OBREMOBU SSPRC	Oracle Banking Origination Managed Server
obremo-rpm- businessproductdet ails-services	RPMBusinessProduct	jdbc/OBREMOBP DETAILS	Oracle Banking Origination Managed Server
obremo-rpm-cmn- applicantservices	RPMCmnApplicant	jdbc/CMNAPPLIC ANT	Oracle Banking Origination Managed Server
obremo-rpm-cmn- hostservices	RPMHostService	jdbc/RPMHOST	Oracle Banking Origination Managed Server
obremo-rpm-cmn- scorecardservices	RPMScorecard	jdbc/CMNSCORE CARD	Oracle Banking Origination Managed Server
obremo-rpm-lo- loanapplications	RPMLoan	jdbc/LOANAPP	Oracle Banking Origination Managed Server



Service Name	Data source Name	Data source JNDI	Targets
obremo-rpm-term- deposit-service	RPMTD	Jdbc/TDACC	Oracle Banking Origination Managed Server
obremo-rpm- projection-services	RPMPROJECTION	jdbc/RPMPROJE CTION	Oracle Banking Origination Managed Server
obremo-rpm-sav- account-service	RPMSaving	jdbc/SAVACC	Oracle Banking Origination Managed Server
obremo-rpm-cmn- ipaservices	RPMIPA	jdbc/IPA	Oracle Banking Origination Managed Server
obremo-rpm-cmn- collateralservices	RPMCOLLATTERAL	jdbc/OBREMOCO LLATERAL	Oracle Banking Origination Managed Server
obremo-rpm- creditcardapplicatio n	RPMCREDITCARD	jdbc/CCAPP	Oracle Banking Origination Managed Server
obremo-rpm-cmn- mlservice	RPMML	jdbc/OBREMOML	Oracle Banking Origination Managed Server, CMC 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 Origination, 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 Origination.

Data source Name	Data Source JNDI	Targets
		Oracle Banking Origination Managed
PLATO	jdbc/PLATO	Server
		Oracle Banking Origination Managed
PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	Server
		Oracle Banking Origination Managed
SMS	jdbc/sms	Server
		Oracle Banking Origination Managed
PLATOBATCH	jdbc/PLATOBATCH	Server
		Oracle Banking Origination Managed
PLATORULE	jdbc/PLATORULE	Server
		Oracle Banking Origination Managed
COMMON CORE	jdbc/CMNCORE	Server



4.5 User Grants

The following grants are provided to the user in the Projection schema which is required for Machine Learning use cases.

- GRANT CREATE MINING MODEL TO <RPMML SCHEMA>;
- GRANT CREATE ANY MINING MODEL TO <RPMML SCHEMA>;
- GRANT ALTER ANY MINING MODEL TO <RPMML SCHEMA>;
- GRANT DROP ANY MINING MODEL TO <RPMML SCHEMA>;
- GRANT SELECT ANY MINING MODEL TO <RPMML SCHEMA>;
- GRANT COMMENT ANY MINING MODEL TO <RPMML SCHEMA>;
- GRANT AUDIT ANY TO <RPMML SCHEMA>;
- GRANT EXECUTE ON DBMS_DATA_MINING to <RPMML SCHEMA>;
- GRANT CREATE TABLE TO <RPMML SCHEMA>
- GRANT DROP ANY TABLE TO < RPMML SCHEMA>



5. Deployments

5.1 Prerequisite

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 Origination 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 Origination 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
Maintenance Services	obremo-rpm- maintenance-services- {version}.war	{ unzip the file } OFLO_SERVICES\obremo- rpm-maintenance-services	Oracle Banking Origination Managed Server
Process Driver	obremo-rpm-process- driver-services- {version}.war	{unzip the file} OFLO_SERVICES\obremo- rpm-process-driver-services	Oracle Banking Origination Managed Server
Business Process	obremo-rpm- businessprocess- services-{version}.war	{unzip the file} OFLO_SERVICES\obremo- rpm-businessprocess-services	Oracle Banking Origination Managed Server
Business Product details	obremo-rpm- businessproductdetails- services-{version}.war	{ unzip the file } OFLO_SERVICES\ obremo- rpm-businessproductdetails- services	Oracle Banking Origination Managed Server
Common Applicant	obremo-rpm-cmn- applicantservices- {version}.war	{unzip the file} OFLO_SERVICES\obremo- rpm-cmn-applicantservices	Oracle Banking Origination Managed Server



Application	Archive name	OSDC path	Targets
Host Services	obremo-rpm-cmn- hostservices- {version}.war	{unzip the file} OFLO_SERVICES\obremo-rpm- cmn-hostservices	Oracle Banking Origination Managed Server
ScoreCard	obremo-rpm-cmn- scorecardservices- {version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- cmn-scorecardservices	Oracle Banking Origination Managed Server
Loan Applicant Services	obremo-rpm-lo- loanapplications- {version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- lo-loanapplications	Oracle Banking Origination Managed Server
Savings (CASA) Services	obremo-rpm-sav- account-service- {version}.war	{unzip the file} OFLO_SERVICES\obremo-rpm- sav-account-service	Oracle Banking Origination Managed Server
TD Services	obremo-rpm-term- deposit-service- {version}.war	{unzip the file} OFLO_SERVICES\obremo-rpm- term-deposit-service	Oracle Banking Origination Managed Server
Batch Service	obremo-rpm-batch- services-{version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- batch-services	Oracle Banking Origination Managed Server
PROJECTION Service	obremo-rpm-projection- services-{version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- projection-services	Oracle Banking Origination Managed Server
IPA Service	obremo-rpm-cmn- ipaservices-{version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- cmn-ipaservices	Oracle Banking Origination Managed Server
Collateral Service	obremo-rpm-cmn- collateralservices- {version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- cmn-collateralservices	Oracle Banking Origination Managed Server
Credit Card Service	obremo-rpm- creditcardapplication- {version}.war	{ unzip the file } OFLO_SERVICES\obremo-rpm- creditcardapplication	Oracle Banking Origination Managed Server



Application	Archive name	OSDC path	Targets
ML SERVICE	obremo-rpm-cmn- mlservice-{version}.war	{ unzip the file } OFLO_SERVICES\ obremo-rpm- cmn-mlservice	Oracle Banking Origination Managed Server
RULE CONFIGURATI ON SERVICE	obremo-rpm-rule- configurationservice- {version}.war	{unzip the file} OFLO_SERVICES\ obremo-rpm-rule- configurationservice	Oracle Banking Origination Managed Server

NOTE: Refer to OSDC zip for the exact version number for each services.

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 <u>Restarting Servers</u>

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 Origination Applications in WebLogic server.

7.1.1 Logging Area

Oracle Banking Origination 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 **oflo_domain** with **managed_server** name called **OFLOAPP** in the following area of the server

~/middleware/user_projects/domains/**oflo_domain**". Logging area for Oracle Banking Origination applications would be

~/middleware/user_projects/domains/oflo_domain/servers/OFLOAPP/logs/ OFLOAPP.out.



8. Oracle Banking Origination UI Domain and Cluster Configuration

8.1 Prerequisites

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

Note: For the exact version to be installed, refer to **Software Prerequisites** section in **License Guide**.

8.2 Oracle Banking Origination UI Domain

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

Fusion Middleware Configuration	Wizard - Page 1 of 8	-	
Configuration Type			
🙊 Create Domain	:		
M Templates			
<u>Administrator Account</u>			
Domain Mode and JDK			
Advanced Configuration			
Configuration Summary			
Configuration Progress	What do you want to do?		
O End Of Configuration	Oreate a new domain		
	Update an existing domain		
	Domain Location:		Browse
Help	,	< Back Next > Finis	h Cancel



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

Fusion Middleware Configuratio	n Wizard - Page 6	5 of 16	6									-			×
Administration Server								FUS				Ē	6		
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Advanced Configuration Administration Server Node Manager Managed Servers Clusters Server Templates Machines Virtual Targets Partitions Configuration Summary Configuration Progress End Of Configuration	Server Name Listen Address Listen Port Enable SSL SSL Listen Port	Adm s All L 990 t t	minServe Local Ado	er dresses	5535, a	und diffe	 SSL SSL	listen p	ort and	coher	ence po	ort.			
Help							< <u>E</u>	Back	<u>N</u> ex	d >	E	jinish		Cance	

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

Fusion Middleware Configuration	on Wizard - Page 8 of 16			_	
Managed Servers					
Templates	Add 🗈 Clo	one X Delete		9	Dis <u>c</u> ard Changes
Administrator Account	Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port
Advanced Configuration	ManagedServer_1	All Local Addresses 🔻	9903		Disabled
Administration Server Node Manager					
Managed Servers					
<u>Clusters</u> <u>Server Templates</u>					
Machines					
Partitions					
<u>Configuration Summary</u> Configuration Progress					
End Of Configuration					
	**				
Help			< <u>B</u> ack <u>N</u> e	xt > Einis	h Cancel



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

Fusion Middleware Configuration	n Wizard - Page 9 of 18			-	- 🗆 X
Clusters					
Templates	· 👍 Add 🗙	Delete			Discard Changes
Administrator Account	Cluster Name	Cluster Address	Frontend Host	Frontend HTTP Port	Frontend HTTPS Port
Domain Mode and JDK	new_Cluster_1			0	0
Advanced Configuration					
Administration Server					
Wode Manager					
Managed Servers					
Clusters					
Server Templates					
Dynamic Servers					
Assign Servers to Clusters					
Machines					
Virtual Targets					
Partitions					
Configuration Summary					
Configuration Progress	* *				
C End Of Configuration					
Help	. A		< <u>B</u> ac	k Next > E	nish Cancel

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

Fusion Middleware Configuration	Wizard - Page 12 of 18		- 🗆 X
Assign Servers to Clusters			
🔔 Create Domain	Servers		Clusters
Templates			o Cluster
T			The second
Administrator Account			MapagedServer 1
Domain Mode and JDK			Hanagedseiver_1
Advanced Configuration			
Administration Server			
Node Manager		>	
Managed Servers			
Chusters			
<u>Clusters</u>			
<u>Server Templates</u>			
Dynamic Servers		8	
Assign Servers to Clusters			
Machines			
Virtual Targets			
Partitions			
Configuration Summary			
Configuration Progress	Select one or more servers in the left name and one	cluster in l	the right pape. Then use the right arrow button (Σ) to
End Of Configuration	assign the server or servers to the cluster.	cluster in	the right panel. Then use the right allow button (>) to
Help			< Back Next > Finish Cancel



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

Fusion Middleware Configuration	wizard - Page 13 of 19		- 🗆 X
Machines			
Create Domain Templates Administrator Account	Machine Unix Machine		Discard Changes
Domain Mode and JDK	Name	Node Manager Listen Address	Node Manager Listen Port
Advanced Configuration Administration Server Node Manager Managed Servers Clusters Server Templates Dynamic Servers Assign Servers to Clusters Machines Assign Servers to Machines Virtual Targets Partitions	new_Machine_1	_ localhost	5556
Configuration Summary Configuration Progress End Of Configuration	A. •	e Back Di	where Einstein Concel

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

Fusion Middleware Configuration Assign Servers to Machines	Wizard - Page 14 of 19				
Assign Servers to Machines Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Administration Server Node Manager Managed Servers Clusters Server Templates Dynamic Servers Assign Servers to Clusters Machines Adsign Servers to Machines Virtual Targets Partitions Configuration Summary Configuration Progress	Servers AdminServer AdminServer Select one or more servers in the left pane and one to assign the server or servers to the machine	machine in	FUSION MIDDLEW. Machine ManagedServer ManagedServer	ARE	w button (>)
C End Of Configuration			< Back Next >	Einish	Cancel



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

Fusion Middleware Configuration	n Wizard - Page 17 of 19			_	
Configuration Summary		FUSION			
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Advanced Configuration Administration Server Node Manager Managed Servers Clusters Server Templates Dynamic Servers Assign Servers to Clusters Machines Assign Servers to Machines Virtual Targets Partitions	View: Deployment	Name Description Author Location	Basic WebLogic Create a basic Oracle Corpora	Server Do WebLogic tion	omain Server domain
Configuration Summary Configuration Progress End Of Configuration	Select Create to accept the above options and start creatin configuration before starting Domain Creation, go back to th using the Back button.	g and configuring a e relevant page by	a new domain. Tu v selecting its nar	o change t ne in the l	he above eft pane, or by
Help		< <u>B</u> ack	Next >	reate	Cancel

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

Change Center	🙆 Home Log Out Preferences 돝	Record Help	Q			Welcome,			
View changes and restarts	Home >Summary of Servers	Home >Summary of Servers							
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Servers Configuration Control								
Domain Structure temp_domain ⊕ Domain Partitions ⊕ Environment ⊕ Servers ⊕ Clusters — Coherence Clusters — Resource Groups — Resource Groups — Resource Groups — Machines	A server is an instance of WebLog This page summarizes each server C) Customize this table Servers (Filtered - More Colum	ic Server that runs in its i that has been configure nns Exist)	wn Java Virtual Machine d in the current WebLogi	e (JVM) and has its own configu ic Server domain.	ration.				
	New Clone Delete					Showing 1 t			
Work Managers Concurrent Templates	🗆 Name 🗞	Туре	Cluster	Machine	State	Health			
Resource Management	AdminServer(admin)	Configured			RUNNING	🖋 ок			
How do I	ManagedServer_1	Configured	new_Cluster_1	new_Machine_1	SHUTDOWN	Not reachable			
Create Managed Servers Clone servers Delete Managed Servers	New Clone Delete					Showing 1 t			
Delete the Administration Server Start and stop servers									



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

		(and shale				
Change Center	Home Log Out Pr	eferences 🔛 Reco	rd Help	Q			Welcome,
View changes and restarts	Home >Summary of Ser	vers >Summary of C	Clusters				
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete Items in this domain.	Summary of Clusters						
	This page summarizes the clusters that have been configured in the current WebLogic Server domain.						
Domain Structure	A cluster defines ara	ups of Webl onic Ser	ver servers that work together	to increase scalabili	ty and reliability.		
temp_domain	A cluster defines groups of vestcogic servers dract work together to increase scalability and felidability.						
Domain Partitions							
Environment	Customize this tak	le					
Servers							
Clusters	Clusters (Filtered -	More Columns Exi	ist)				
Coherence Clusters							
Resource Groups	New - Clone	Delete					Showing 1
Resource Group Templates							
Machines	📃 Name 🗠	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Cha
Virtual Hosts			Hadan at	Detailer	Provide Parkin	(1)	
Virtual Targets	new_Cluster_1		Unicast	Database	Round Robin	(None)	
Work Managers	New - Clone	Delete					Showing 1
Concurrent Templates							
Resource Management							

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

Change Center	😰 Home Log Out Preferences 🚵 Record Help	Welcome,
View changes and restarts	Home >Summary of Servers >Summary of Clusters >Summary of Servers >Summary of Machines	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Machines	
Domain Structure	A machine is the logical representation of the computer that hosts one or more WebLogic Server instances (servers). WebLogi server in a cluster to which certain tasks, such as HTTP session replication, are delegated. The Administration Server uses the	c Server uses configured machine names machine definition in conjunction with N
temp_domain	remote servers. This page displays key information about each machine that has been configured in the current WebLogic Server domain.	
Clusters Coherence Clusters Resource Groups Resource Group Templates	Machines New Clone Delete	Showing
	Name 🔅	Туре
Work Managers Concurrent Templates	new_Machine_1	Machine
Resource Management	New Clone Delete	Showing
How do I		
Create and configure machines		
Assign server instances to 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.
- 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.
- 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.

View changes and restarts	Home >Summary of Se	rvers >Summary of C	lusters >Summary of Servers >	Summary of Machines	>Summary of Servers			
Configuration editing is enabled. Future	Summary of Servers							
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Co	Configuration Control						
Domain Structure temp_domain Domain Partitions Consenan Partitions Consenant Consenant Consenant Resource Groups Resource Groups Resource Group Templates Machines Vithal Hords	A server is an instan This page summarize C2 © Customize this ta Servers (Filtered	ce of WebLogic Ser es each server that hble • More Columns E	ver that runs in its own Java has been configured in the c	Virtual Machine (JVN urrent WebLogic Ser	4) and has its own configurati	on.		
	New Clone	Delete	41			TAL.	Showing 1 to	2 of 2 Previous Next
Concurrent Templates	Name 🗠		Type Clus	ter	Machine	State	Health	Listen Port
Resource Management	AdminServer(a	admin)	Configured			RUNNING	🛹 ОК	9900
How do I	ManagedServe	er_1	Configured new	Cluster_1	new_Machine_1	SHUTDOWN	Not reachable	9903
Create Managed Servers Clone servers Delete Managed Servers	New Clone	Delete					Showing 1 to	2 of 2 Previous Next
modify, add or delete items in this domain. Domain Structure temp_domain	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 (Fittered - More Columns Exist) New Cone Delete Name & Cluster Address Cluster Messaging Mode Migration Basis Default Load Algorithm Replication Type Cluster Broadcast Channel Servers new_Cluster_1 Unicast Database Round Robin (None) ManagedServer_1							
Resource Management								
Configuration editing is enabled. Future changes will automatically be activated as you weeklis	Summary of Machine	5						
Domain Structure temp_domain	A machine is the log server in a cluster to remote servers. This page displays k	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.						
ServersClustersClustersResource GroupsResource Group TemplatesMachined	Customize this tal	Delete					Showing 1 to	1 of 1 Previous Next
	🗌 Name 🔅					Туре		
Work Managers	new_Machine_	1				Machine		
Concurrent Templates	New Clone E	Delete					Showing 1 to	1 of 1 Previous Next



9. Oracle Banking Origination 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. For example: scratch/deployment.
- 4. Open Weblogic console and navigate to the **Deployments**.

Change Center	A Home Log	Out Prefere	nces 📐 Rec	ord Help		Q		Welco	me,
View changes and restarts	Home >Summar	y of Servers :	>Summary of C	lusters >Summary o	Servers >Sumn	nary of Machines >Sur	nmary of Servers >	Summary of Clusters Summary of Machines	s >Summary of
Configuration editing is enabled. Future changes will automatically be activated as you	Summary of De	ployments							
modify, add or delete items in this domain.	Configuration	Control	Monitoring						
Domain Structure teme_domain # B ⁺ Domain Partitions # B ⁺ Environment # B ⁻ Services # B ⁻ Services # B ⁻ Interoperability # B ⁻ Diagnostics #	This page disy You can upda To install a ne Customize to Deployments	lays the list e (redeploy w applicatio his table	of Java EE ap) or delete ins n or module fr	plications and stan talled applications or deployment to ta	dalone applicat and modules fri argets in this do	ion modules installe om the domain by so omain, click Install .	d to this domain.	doox next to the application name and the	en using the co
	Install Up	date Dele	ete						Showing (
	Name 4	\$	State	Health	Туре	Targets	Scope	Domain Partitions	Deploymen
		There are no items to display							

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

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, the application directory or file in the Path field.	archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of
Note: Only valid file paths are displayed below. If you cannot fin	d your deployment files, Upload your file(s) and/or confirm that your application contains the required deployment descriptors.
Path:	
Recently Used Paths:	
Current Location:	
app-shell-5.8.0.war a a a a a a a a a a	
Back Next Finish Cancel	



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**.

Back Next Finish Cancel							
Review your choices and clie	ck Finish						
Click Finish to complete the dep	loyment. This may take a few moments to complete.						
— Additional Configuration —							
In order to work successfully, this	s application may require additional configuration. Do you want to review this application's	configuration after completing this assistant?					
• Yes, take me to the deploy	yment's configuration screen.						
\bigcirc No, I will review the confi	guration later.						
- Summary							
Deployment:							
Name:	app-shell-5.8.0-1						
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	Target Summary						
Components 🗞		Targets					
app-shell-5.8.0		appshell					

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

View changes and restarts	Home >Summary of Servers >Summary of Clu Deployments	usters >Summary of Servers >Summary of Machines >Summary of Servers >Su	nmary of Clu	iters > Summa	ry of Machines > Summar	y of Deployments > o	obremo-app-sl	hell-snapshot > Summary of	
Configuration editing is enabled. Future changes will automatically be activated as you	uture summary of Deployments								
modify, add or delete items in this domain.	Configuration Control Monitoring								
Domain Structure									
temp_domain	This page displays the list of Java EE app	plications and standalone application modules installed to this domain.							
Domain Partitions Environment	You can start and stop applications and r	modules from the domain by selecting the checkbox next to the application	n name and	then using t	e controls on this page	<u>.</u>			
Deployments									
Security Realms	Customize this table								
-Interoperability	Padement								
I⊞-Diagnostics	Ctast Stop						Chanin	a fact of the Devices I New	
	d diate diate	\					Showin	g 1 to 1 or 1 Previous ives	a
	Servicing all requests		State	Health	Туре	Targets	Scope	Domain Partitions	
	Servicing only administration requests Or obremo app-shell-snapshot		Active	🖋 ОК	Web Application	AdminServer	Global		1
	Start v Stop v						Showin	g 1 to 1 of 1 Previous New	xt
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 									

NOTE: All UI war files should be deployed. Refer to User Interface in section 1.4.

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 <u>Restarting Servers</u>

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

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							

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

View changes and restarts	Home Summary of Servers - Summary of Machines - Summary of Machines - Summary of Deployments - obremo app-shell-snapshot - Summary of Deployments - Summary of Servers - Summary of Servers - Summary of Machines - new_Machines_1 - Summary of Servers - Summary of Machines - new_Machines_1 - Summary of Servers - Summary of Servers - Summary of Machines - New							
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	figuration editing is enabled. Future Generating is enabled. Future Summary of Servers Generating is enabled.							
	Configuration Control							
Domain Structure temp_domain	anager. Starting Managed Servers in Standby mode requires the domain-							
Servers	52							
Colusiens Coherence Clusters Resource Groups Resource Group Templates Machines	Customize this table Servers (Filtered - More Columns Exist)							
Virtual Hosts	Start Resume Suspend v Shutdown v Restart SS	L		Showing 1 to 2 of 2 Previous Next				
Work Managers	Server 🗞	Machine	State	Status of Last Action				
Resource Management	AdminServer(admin)		RUNNING	None				
How do I	ManagedServer_1 new_Machine_1 RUNNING TASK COMPLETED							
Start and stop servers	Start, Resume Suspend v Shutdown v Restart SSL. Showing 1 to 2 of 2 Previous Next							
 Start Managed Servers from the Administration Console 								



View changes and restarts	Home > Summary or Servers > Summary or Cruste Servers	ers > summary or machin	ies > summary or Deployments > obremo-app-sneir	snapsnot > Summary or Deproyments > S	summary or servers > summary or i	Machines >new_Machine_1 >Summary of				
Configuration editing is enabled. Future	Summary of Source									
changes will automatically be activated as you modify add or delete items in this domain										
noony, and of delete nems of this domain	Configuration Control	Configuration Control								
Domain Structure										
emp_domain	Use this page to change the state of the ser	vers in this WebLogic	Server domain. Control operations on Manager	d Servers require starting the Node M	lanager. Starting Managed Serv	ers in Standby mode requires the domain-				
Domain Partitions	wide administration port.	-								
Environment										
D-Clusters	62									
Coherence Clusters										
Resource Groups	Customize this table									
Resource Group Templates	Servers (Filtered - More Columns Exist	:)								
	Start Decume Sugnand v Shuth	Restart SSI				Showing 1 to 2 of 2 Draviour Next				
···Virtual Targets	Ular result ouspend	werk completes				Showing 1 to 2 to 2 Previous Next				
Work Managers	Server 🗞	work completes	Machine	State	Status of Last Action					
Concurrent Templates	AdminServer(admin)	shutdown now		RUNNING	None					
	ManagadServer 1		new Machine 1	PUNNING	TASK COMPLETED					
How do I	Cast Desure Consector Chut	Destart COL	including and including a	nonnero.		Character 2 (2) Dentire 1 Net				
 Start and stop servers 	Start Resume Suspend V Shulo	iown v Restant 55L				Showing 1 to 2 or 2 Previous Next				
 Start Managed Servers from the 										
Menu changes and sectorie	Home >Summary of Servers >Summary of Cluste	ers >Summary of Machin	es >Summary of Deployments >obremo-app-shell-sr	napshot >Summary of Deployments >Su	mmary of Servers >Summary of Ma	chines >new_Machine_1 >Summary of				
new changes and restarts	Servers									
configuration editing is enabled. Future changes will automatically be activated as you	Summary of Servers									
modify, add or delete items in this domain.	Configuration Control									
Domain Structure										
bomain structure										
Domain Partitions	Use this page to change the state of the ser wide administration port	rvers in this WebLogic	Server domain. Control operations on Managed	Servers require starting the Node Ma	nager. Starting Managed Servers	in Standby mode requires the domain-				
Environment	The same see point									
Servers	0									
B-Ousters										
Resource Groups	Customize this table									
Resource Group Templates	Servers (Eiltered - More Columns Exist	0								
Machines	Servers (meeted Prote columns exist	0								
Virtual Targets	Start Resume Suspend V Shutd	lown ~ Restart SSL		r		Showing 1 to 2 of 2 Previous Next				
····Work Managers	Server 🗇		Machine	State	Status of Last Action					
Concurrent Templates	ddminConver(admin)									
1 PriResource Management	Automase ver(autom)	Adminiserver (admin) RUNNING None								
How do I	ManagedServer_1		new_machine_1	SHUTDOWN	TASK COMINLETED					
 Start and stop servers 	Start Resume Suspend v Shutdown v Restart SSL Showing 1 to 2 of 2 Previous Next									
 Start Managed Servers from the 	0									
Administration Console										

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

View changes and restarts	Home >Summary of Servers >Summary of Clusters >Summary of Auchines >Summary of Deployments >obremo-app-shell-scapshol >Summary of Deployments >Summary of Servers >Summary of Machines >>ev_Machine_1>Summary of									
Configuration editing is enabled. Future										
changes will automatically be activated as you	Summary of Servers	automaty or acress								
modiry, and or delete items in this domain.	Configuration Control									
Domain Structure										
temp_domain P-Domain Partitions F-Environment Servers Clusters Clusters	Image: Servers in Standby mode requires the domain- wide administration port. Z									
Resource Groups	Customize this table									
	Servers (Filtered - More Columns Exist)	1								
Virtual Hosts	Start Resume Suspend ~ Shutdo	wn ~ Restart SSL		Showing 1 to 2 of 2 Previous Next						
Work Managers	🗆 Server 🙈	Machine	State Statu	is of Last Action						
Resource Management	AdminServer(admin)		RUNNING None							
How do I	ManagedServer_1	new_Machine_1	STARTING TASK	IN PROGRESS(7 seconds)						
	Start Resume Suspend - Shutdo	wn ~ Restart SSL		Showing 1 to 2 of 2 Previous Next						
Start and stop servers										
 Start Managed Servers from the Administration Console 										
	Home Scienmary of Consers Scienmary of Cluster	re Sciemmani of Machiner Sciemmany of Deployments Sobremo-an	-shall-manchet > Summary of Daployments >	Summary of Sanare Summary of Machinae Snew Machine 1 Summary of						
View changes and restarts	Servers	a > summing of Placing > summing of Septements > optimis ap	and and and a provide the second	- Summing of Server's Summing of Particles Sines_Particles_1 - Summing of						
Configuration editing is enabled. Future channes will automatically be activated as you	Summary of Servers									
modify, add or delete items in this domain.	Configuration Control									
Domaio Structuro	congulation condition									
temp domain										
Domain Partitions	Use this page to change the state of the serv wide administration port.	vers in this WebLogic Server domain. Control operations on M	anaged Servers require starting the Node	Manager. Starting Managed Servers in Standby mode requires the domain-						
⊟-Environment										
Servers	52									
Coherence Clusters										
Resource Groups	Customize this table									
Resource Group Templates	construction of the column color									
Machines	Servers (Filtered - More Columns Exist,	·								
Virtual Hosts	Start Resume Suspend Shutdown Restart SSL Showing 1 to 2 of 2 Previous Next									
Work Mapagers	Comme A	Marking	Shaha	Status of Last Astion						
Concurrent Templates	Achine State Status of Last Action									
Resource Management	C AdminServer(admin) RUNNING None									
How do I	ManagedServer_1	new_Machine_1	RUNNING	TASK COMPLETED						
· Ordersfammer	Start Resume Suspend - Shutdo	wn ~ Restart SSL		Showing 1 to 2 of 2 Previous Next						
 Start and stop servers 										
 Check Managered Company France they 										



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

View changes and restarts	Home >Summary of Deployments >obremo-app-shell-snapshot >Summary of Deployments >Summary of Servers >Summary of Machines >new, Machines >Summary of Servers >Summary of Deployments >obremo-app-shell- snapshot >Summary of Deployments										
Configuration editing is enabled. Future changes will automatically be activated as you	Summary of Deployments										
modify, add or delete items in this domain.	Configuration Control Monitoring										
Domain Structure											
temp_domain	This page displays the list of Java EE applications and standalone application modules installed to this	domain.									
Environment	You can update (redeploy) or delete installed applications and modules from the domain by selecting	he checkbox next to	the applicati	ion name an	d then using the cor	ntrols on t	his page.				
Deployments	To install a new application or module for deployment to targets in this domain, click Install.										
Security Realms											
Discrete admity Interoperating	Customize this table										
	Deployments								- 1		
	Install Update Delete						Showing 1 to	of 1 Previous Next			
	Name 🗞	State	Health	Туре	Targets	Scope	Domain Partitions	Deployment Order			
How do I	E B ohremo-app-shell-snapshot Active V Web Application ManagedServer_1 Global 100										
Install an enterprise application	Install Update Delete Showing 1 to 1 of 1 Previous Next										
Configure an enterprise application									- I		
Update (redeploy) an enterprise application											



11.Deployments

11.1 Oracle Banking Origination Processes

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

Serial Number	Process Name	Dependent Process
1	CURRENTACCOUNT	None
2	EDUCATIONLOAN	None
3	HOMELOAN	None
4	INITIATION	None
5	IPA	None
6	PERSONALLOAN	None
7	SAVINGSACCOUNT	None
8	VEHICLELOAN	None
9	HOSTORCHESTRATOR	None
10	CASAHOSTORCH	None
11	TDACCOUNT	None
12	TDHOSTORCH	None
13	INSTCURACC	None
14	INSTSAVACC	None
15	INSTTDACC	None
16	CREDITCARD	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	
	ĥ

4. 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 Setting	5		Cookies Code
none form-data	x-www-form-urlencoded	🖲 raw 🛛 🔵 binary	GraphQL JSO	N -		Beautify
1 * [2 * { 3 "createTime": 158 4 "updateTime": 158 5 "name": "CAMS", 6 "version": 1, 7 * "tasks": [8 * { 9 "name": "CAMS 10 "taskReferenc 11 * "inputParamet 12 "isfromcoll 13 }, 14 "type": "DECI 15 "caseValuePar 16 * "decisionCase 17 * "h": [18 * { 9 "taskRef 20 "taskReferenc 10 * "taskReferenc 11 * "inputParamet 12 * "set taskReference 13 * "taskReference 14 * "type": "DECI 15 * "caseValuePar 16 * "decisionCase 17 * "h": [18 * { 19 * "taskReference 19 * "taskReference 10 *	<pre>11509022312, 32711022135, serviceGateway", seName: "CAMServiceGatew ters": { lateralEvaluation": "\${wo ISION", ram": "isFromCollateralEv ess": { : "Proposal Initiation", eferenceName": "Initiation", eferenceName": "</pre>	ay", ~kflow.input.transact aluation", 1",	cionData.moduleDat	1.isFromCollateralEval	uation}"	



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

PUT	Ŧ	ht						Send	•	Save	Ŧ
1022 - 1023 1024 1025 1026 1027 - 1028 1029 1030 1031 1032 1033 1034 1035 1036	<pre>"inputP "part "appl "cust "output "reje "loan "emai }, "schema "restar "workfl }]</pre>	<pre>arameters": [yId", icationNumber", omerName" Parameters": { ctionRemarks": "\${humanti frantStatus": "\${humanta lstatus": "\${CNFRM_CORP_} Version": 2, table": true, owstatusListenerEnabled"</pre>	ask_apprv_corp_l. sk_apprv_corp_lo .OAN.output.emai : false	oan.outpu in.output .Status}"	ut.rejectionRemari t.loanGrantStatus "	ks}", ",					
Body Co	ookies He	eaders (6) Test Results				Status: 204 No Content	Time: 309ms	Size: 281 B	Save	Response	e 🔻
Pretty 1	Raw	Preview Visualize	JSON 🔻 🚍	5							Q



12.Kafka Topics

12.1 Oracle Banking Origination Kafka Topics

Below mentioned are the Kafka topics that are used in Oracle Banking Origination. All the below topics are to be created and verified in the Kafka Server by using the command

<<u>Kafka Bin Folder</u>>/kafka-topics.sh --create --bootstrap-server <<u>Broker</u> <u>ip/hostname</u>>:<<u>Broker Port</u>> --replication-factor 1 --partitions 1 --topic <<u>topic name</u>>

1	Updating all the attributes related to a process	This event is used for populating projection data for rendering the dashboard.	rpmDashboard
2	Status change occurrence for an OFLO initiated transaction in Teller	This event is triggered when TD and savings initial funding option is selected as CASH, OFLO triggers a teller transaction Status change of the same transaction will be updated to OFLO asynchronously	InitialFundingAck
3	KYC status update for the Customer	This event is triggered related to when a customer onboarding request is sent to the party module. Party has its own workflow Whenever the KYC verification is completed from party module, notification will be sent to OFLO	PartyKYCStatusUpdate
4	Customer accepts the offer	This event is triggered related to when a customer onboarding request is sent to the party module. Party has its own workflow. A confirmation message will send from OFLO to the party module to notify that party module can proceed with creation of customer in their product processor	PartyHandoffNotification



5	Customer is created in product processor	After creating the customer in the product processor party module will send a message containing the created customer id to OFLO	PartyHandoffToHostStatus
6	Machine Learning Table Update	All services updates the required Machine Learning data into ML service table which will further be used for predicting the time required to complete the process	processTimePredictionMe ssage



13.Launching Oracle Banking Origination from UBS

13.1 Introduction

This section provides information on how to setup database related configuration for Oracle Banking Origination Installation.

It is recommended to create different schema for each application. Below setup is designed to

work with separate schema for each application.

13.2 Oracle FLEXCUBE Universal Banking Configurations

After Login to FLEXCUBE Universal Banking environment click on Next Generation UI Menu and launch the maintenance screen CSDNGUIM. Ensure that user has roles for the screen. Update the Oracle Banking Microservices Architecture Product URL.

Next Gen UI Products Mainten	ance			- ×
New Enter Query				
Product Details				
Function Id	*			
Product Name	*			
Product URL	*			
Product Description				
Maker	Date Time:	Mod No	Record Status	
Checker	Date Time:		Authorization Status	Exit

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 OFLO product, which will Launch Plato Teller Dashboard. Ensure the same user id is maintained in for the Oracle Banking Origination product and it has necessary roles.



13.3 <u>Oracle Banking Microservices Architecture</u> <u>Configurations</u>

SECURITY_CONFIG table in PLATO_SECURITY schema should have the following entries.

Кеу	Value
INTEGRATION_ENABL	True
INTEGRATION_CALLB ACK_URL	https://FCUBShostname:FCUBSport/FCJNeoWeb/ValidationService /FCNonceValidation/validate

Please update the Oracle FLEXCUBE Universal Banking hostname and port number in the above URL.



ORACLE[®]

Oracle Banking Origination Installation Guide

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