### Party Services Installation Guide

# **Oracle Banking Origination**

Release 14.6.0.0.0

#### Part Number F57153-01

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# 1. Preface

### 1.1 Introduction

This guide helps you to install the Party Services, User Interface, and Conductor Process flow on designated environments. It is assumed that all the prior setup is already done related to WebLogic installation, WebLogic managed server creation, and Oracle DB installation.

Note: For the exact version to be installed, refer to Tech Stack section of Release Notes.

### 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 <a href="http://www.oracle.com/us/corporate/accessibility/index.html">http://www.oracle.com/us/corporate/accessibility/index.html</a>.

### 1.4 Organization

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

It is recommended to use dedicated managed server for each of the Party Services.

#### Party 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. obpy-party-corporate-view-services
- 10. obpy-party-batch-services

#### **User Interface**

Follow the below steps to migrate from existing single app-shell (if deployed) to Foundation appshell. With Foundation app-shell, UI war is split into individual component server war files. Delete any installed previous single UI app-shell war version and follow the below given steps. All the component server war files should be deployed in the same managed server.



Deploy the mentioned below Common Core war files:

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

Deploy the Party Domain component war file:

1. obpy-component-server

Similarly, other domain component war files can be deployed

#### Process Workflow

The process flow zip file downloaded will contain the below Conductor representative process flow DSL JSON files which need to be imported. Refer to the "Steps to Deploy Conductor Process" section for deploying the DSL.

SNO	Process Flow Name	Description of the Process flow
1	obpy-corporate-onboarding- processflow_CPOB.json	Corporate Onboarding
2	obpy-fi-amendment-processflow_FPAM.json	Financial Institute Amendment
3	obpy-fi-onboarding-processflow_FPOB.json	Financial Institute Onboarding
4	obpy-party-onboarding-processflow_REOB.json	Retail Party Onboarding
5	obpy-retail-amendment-processflow_PAMD.json	Retail Party Amendment
6	obpy_corp_amendment_processflow_CAMD.json	Corporate Party Amendment
7	obpy_smb_amendment_processflow_SMBA.json	Small and Medium Business Party Amendment
8	obpy_smb_onboarding_processflow_RSMB.json	Small and Medium Business Party Onboarding
9	obpy_sme_amendment_processflow_SMEA.json	Small and Medium Enterprise Party Amendment
10	obpy_sme_onboarding_processflow_CSME.json	Small and Medium Enterprise Party Onboarding



# 1.5 Related documents

For more information, refer to the following documents:

- Oracle Banking Microservices Platform Foundation Installation Guide
- Common Core Services Installation Guide
- Security Management System Services Installation Guide



# 2. Database Setup

# 2.1 Introduction

In this section you are going to setup database related configuration for Party Services Installation. It is generally recommended to create different schema for each application as required. Below setup is designed to work with separate schema for each application.

### 2.2 Prerequisites

In this section, you are going to set up the database-related configuration for Party Services Installation. Before you proceed, ensure the pre-installation setup is done. The pre-installation setup includes the configuration of the database, setting up the **setUserOverrides.sh**. Create the required schema for each of the microservices. The schema object creations and the static data required for the microservice will be automatically created during the deployment of the microservice in the respective schema.

### 2.3 Database Setup

To setup DB for Retail Operations schema's to be created:

Service Name	Schema Required
obpy-stage-services	Yes (obpy-party-service schema)
obpy-party-services	Yes (obpy-party-service schema)
obpy-party-kyc-services	Yes (obpy-party-service schema)
obpy-businessprocess-services	Yes (obpy-businessprocess-services)
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)
obpy-party-corporate-view-services	Yes (obpy-party-service schema)
obpy-party-batch-services	Yes (obpy-party-service schema)



# **3. Party Services Domains Configuration**

#### 3.1 Prerequisites

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

**NOTE**: Before proceeding with the below steps, complete the procedure in *Oracle Banking Microservices Platform Foundation Installation Guide*. In particular, ensure to deploy the Plato Batch service (*plato\_batch\_server*) before deploying party services.

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

**NOTE:** For the exact version to be installed, refer to **Tech Stack** section of Release Notes.

# 3.2 Party Service Domain Creation

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

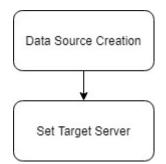
Service Name	Domain Name
obpy-stage-services	Party Domain
obpy-party-services	Party Domain
obpy-party-kyc-services	Party Domain
obpy-businessprocess-services	Party Domain
obpy-party-handoff-services	Party Domain
obpy-party-publisher-services	Party Domain
obpy-party-maintenance-service	Party Domain
obpy-party-adapter-services	Party Domain
obpy-party-corporate-view-services	Party Domain
obpy-party-batch-services	Party Domain



# 4. Data Sources Creation

### 4.1 Prerequisites

Database setup for Party services 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 Party 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/OBPYBPROC	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



Service Name	Data source Name	Data source JNDI	Targets
obpy-party-corporate- view-services	PARTY	jdbc/PARTY	Party Managed Server
obpy-party-batch- services	PARTY	jdbc/PARTY	Party Managed Server

### 4.3 Steps to Create Datasource

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

# 4.4 Additional Datasource Mapping

In order to deploy the services successfully, map the following data source to all the newly created managed servers. This is required for the JNDI requirement for flyway migration.

Data source Name Data Source JNDI		Targets
PLATO	jdbc/PLATO	Party Managed Server
PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	Party Managed Server
SMS	jdbc/sms	Party Managed Server
COMMON CORE	jdbc/CMNCORE	Party Managed Server
PLATO_BATCH	jdbc/PLATOBATCH	Party Managed Server

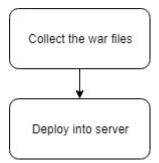
Refer to Oracle Banking Microservices Platform Foundation Installation Guide, Common Core Services Installation Guide, and Security Management System Services Installation Guide for more recent details on data sources.



# 5. Deployments

#### 5.1 Prerequisites

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 Retail Operations application and the steps to deploy them into the server.



# 5.2 Deployments List

The below table gives details of the deployments required on each domain for the Party application to run. Deploy one after the other in the same given order. The provided archive names and OSDC path are for reference purposes only. Refer to the exact archive names available as a part of the release.

Before deploying ensure that setUserOverrides.sh all placeholders' values are set correctly. Refer to the Oracle Banking Microservices Platform Foundation Installation Guide for more details. If any placeholder is missed, the deployment will fail, and incorrect values will result from errors in the application.

Application	Archive name	OSDC path	Targets
OBPY Party Maintenance Services	obpy-party- maintenance-service- {version}.war	{ <b>unzip the file</b> } \obpy-party-maintenance- service	Party Managed Server
OBPY Stage Services	obpy-stage-services- {version}.war	{ <b>unzip the file</b> } \stage-services	Party Managed Server
OBPY Party Services	obpy-party-services- {version}.war	{ <b>unzip the file</b> } \obpy-party-services	Party Managed Server
Party KYC Services	obpy-party-kyc-services- {version}.war	{ <b>unzip the file</b> } \obpy-party-kyc-services	Party Managed Server
OBPY Businessproce ss Services	obpy-businessprocess- services-{version}.war	{ <b>unzip the file</b> } \obpy-businessprocess-services	Party Managed Server



Application	Archive name	OSDC path	Targets
OBPY Party Handoff Services	obpy-party-handoff- services-{version}.war	{ <b>unzip the file</b> } \obpy-party-handoff-services	Party Managed Server
OBPY Party Publisher Services	obpy-party-publisher- services-{version}.war	{ <b>unzip the file</b> } \obpy-party-publisher-services	Party Managed Server
OBPY Party Adapter Services	obpy-party-adapter- services-{version}.war	{ <b>unzip the file</b> } \obpy-party-adapter-services	Party Managed Server
OBPY Corporate View Service	obpy-party-corporate- view-services- {version}.war	{unzip the file} \ obpy-party-corporate-view- services	Party Managed Server
OBPY Party Batch Service	obpy-party-batch- services-{version}.war	{ <b>unzip the file</b> } \obpy-party-batch-services	Party Managed Server

### 5.3 Steps to Deploy as Application

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

**NOTE**: The obpy-customer-services is a service that needs to be deployed in Oracle FLEXCUBE Universal Banking application. Refer to **Customer Service Installation Guide** in Oracle FLEXCUBE Universal Banking Documentation Library.



# 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 Party Applications in WebLogic server.

#### 7.1.1 Logging Area

In general Party 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 Retail Operations applications would be

~/middleware/user\_projects/domains/party\_domain/servers/PARTYAPP/logs/ PARTYAPP.out.

The logging path can now be configured by setting the placeholder value for Plato.service.logging.path. For more details, refer to Oracle Banking Microservices Platform Foundation Installation Guide.



# 8. Party UI Domain and Cluster Configuration

### 8.1 Prerequisites

- 1. The machine should have Java JDK has installed.
- Oracle Fusion Middleware has to be installed on the machine.
   NOTE: For the exact version to be installed, refer to Tech Stack section of Release Notes.

### 8.2 Party UI Domain

1. Click **Create Domain** tab and select **Create a new domain** option. Specify the domain location. The names used are only for references.

Fusion Middleware Configuratio	n Wizard - Page 1 of 8	_	$\times$
Configuration Type			
🙊 Create Domain			
M Templates			
Administrator Account			
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:	Bro	wse
Help	L	< Back Next > Finish Ca	ancel



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

Fusion Middleware Configuration With the second	zard - Page 6 of 16 —	
Administration Server		
Create Domain		
Templates		
Administrator Account		
Domain Mode and JDK		
Advanced Configuration		
Administration Server	Server Name AdminServer	
<u>Node Manager</u>	Listen Address All Local Addresses	-
Managed Servers	Listen Port 9900	
Clusters		
Server Templates	Enable SSL	
<u>Machines</u>	55L Listen Port	
Virtual Targets		
Partitions		
Configuration Summary		
Configuration Progress		
End Of Configuration		
-	•	
P	ort number must be between 1 and 65535, and different from SSL listen port and coherence port.	
	< Back Next > Einis	h Cancel



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

Fusion Middleware Configuration	n Wizard - Page 8 of 16			_	
Managed Servers					
Create Domain Templates	Add 🖹 Clor	ne X <u>D</u> elete		9	Dis <u>c</u> ard Changes
Administrator Account     Domain Mode and JDK	Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port
Advanced Configuration	ManagedServer_1	All Local Addresses 👻	9903		Disabled
<u>Administration Server</u> <u>Node Manager</u>					
Managed Servers					
<ul> <li><u>Clusters</u></li> </ul>					
Server Templates					
Machines					
Virtual Targets					
Partitions					
Configuration Summary					
Configuration Progress					
o End Of Configuration					
Help			< <u>B</u> ack <u>N</u> e	xt > Einisl	Cancel



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

Fusion Middleware Configuratio	n Wizard - Page 9 of 18			-	- 🗆 🗙
Clusters					
Create Domain Templates	Add 🗙	Delete		Ľ	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					
<u>Administration Server</u>					
<u>Node Manager</u>					
Managed Servers					
Clusters					
Server Templates					
Dynamic Servers					
Assign Servers to Clusters					
<u>Machines</u>					
<ul> <li><u>Virtual Targets</u></li> </ul>					
Partitions					
Configuration Summary					
Configuration Progress					
o End Of Configuration					
Help			< <u>B</u> ac	k <u>N</u> ext > Eir	nish Cancel



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

<b>B</b>	usion Middleware Configuration	Wizard - Page 12 of 18				_	×
A	ssign Servers to Clusters						
$\mathcal{R}$	Create Domain	Servers		Cluster			
*	Templates			Ⴆ Cluste 🖃 🗞 ກຄ	r w_Cluster_1		
ų.	Administrator Account			_	Server		
÷.	Domain Mode and JDK				🧊 Manage	dServer_1	
*	Advanced Configuration						
ų	Administration Server						
ų.	Node Manager		۶				
- <b>b</b>	Managed Servers						
÷	<u>Clusters</u>						
ų.	Server Templates						
ψ	Dynamic Servers		8				
	Assign Servers to Clusters						
ų	Machines						
ų	Virtual Targets						
ų	Partitions						
ų	Configuration Summary						
ģ	Configuration Progress						
9	End Of Configuration	Select <b>one or more</b> servers in the left pane and <b>one</b> cle assign the server or servers to the cluster.	uster in	the right p	ane. Then use	the right ar	row button (>) to
	Help			< <u>B</u> ack	<u>N</u> ext >	Einish	Cancel



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

Fusion Middleware Configuration	Wizard - Page 13 of 19		- 🗆 X
Machines			
Templates	Machine Unix Machine		
Administrator Account	🛉 Add 🔀 Delete		🔊 Discard Changes
Domain Mode and JDK	Name	Node Manager Listen Address	Node Manager Listen Port
Advanced Configuration	new_Machine_1	localhost 🔹	5556
<ul> <li>Administration Server</li> </ul>			
<u>Node Manager</u>			
Managed Servers			
Clusters			
<ul> <li>Server Templates</li> </ul>			
Dynamic Servers			
<ul> <li>Assign Servers to Clusters</li> </ul>			
Machines			
<ul> <li>Assign Servers to Machines</li> </ul>			
<ul> <li><u>Virtual Targets</u></li> </ul>			
Partitions			
Configuration Summary	A 7		
Configuration Progress			
End Of Configuration			
Help		< <u>B</u> ack	ext > Einish Cancel



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

Fusion Middleware Configuration	Wizard - Page 14 of 19		- 🗆 X
Assign Servers to Machines			
Create Domain	Servers	_	Machines
Templates	Marin Server		Machine
Administrator Account			Tew_Machine_1     ManagedServer_1
Domain Mode and JDK			
Advanced Configuration			
Administration Server			
Node Manager		۵	
Managed Servers			
Clusters			
Server Templates			
Dynamic Servers		8	
Assign Servers to Clusters			
Machines			
Assign Servers to Machines			
Virtual Targets			
Partitions			
Configuration Summary	**		
Configuration Progress	Select <b>one or more</b> servers in the left pane and <b>on</b> to assign the server or servers to the machine.	e machine	in the right pane. Then use the right arrow button (>)
End Of Configuration	to assign the server or servers to the indthine.		
Help		ſ	< Back Next > Finish Cancel
*			



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

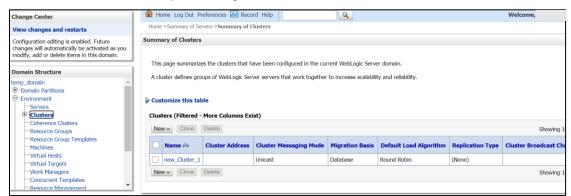
I Fusion Middleware Configuration	Wizard - Page 17 of 19		_	
Configuration Summary				
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Administration Server Node Manager Managed Servers Clusters Server Templates Dynamic Servers Assign Servers to Clusters Machines Assign Servers to Machines Virtual Targets Partitions Configuration Progress End Of Configuration	View: Deployment	Name Description Author Location	Basic WebLogic Se Create a basic We Oracle Corporation	bLogic Server domain v
Help		< <u>B</u> ack	<u>N</u> ext > <u>C</u> re	ate Cancel

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

Change Center	🙆 Home Log Out Preferences 🔤	Record Help	٩			Welcome,
View changes and restarts	Home >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 Control					
Domain Structure	A server is an instance of WebLogic	Server that runs in its ow	n Java Virtual Machine (JVN	1) and has its own configurati	on.	
Domain Partitions     Environment	This page summarizes each server t	hat has been configured i	n the current WebLogic Ser	ver domain.		
E Clusters	<u>د</u> ۲					
	Customize this table Servers (Filtered - More Column New Clone Delete	ns Exist)				Showing 1 t
Virtual Targets						Showing 1 t
Work Managers	🗌 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	New Clone Delete					Showing 1 t
Delete Managed Servers     Delete the Administration Server     Start and stop servers						



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



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). Web server in a cluster to which certain tasks, such as HTTP session replication, are delegated. The Administration Server uses remote servers.	
-Domain Partitions -Environment	This page displays key information about each machine that has been configured in the current WebLogic Server domain.	
ServersClustersCoherence Clusters	₽ Customize this table	
Resource Groups	Machines	
Resource Group Templates	New Clone Delete	Showing 1
Virtual Hosts Virtual Targets	Name 🗞	Туре
Work Managers	new Machine 1	Machine
Concurrent Templates	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.
- 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 Servers >Sun	nmary of Clusters >Summary of S	ervers >Summary of Machines	>Summary of Servers			
Configuration editing is enabled. Future	Summary of Servers						
changes will automatically be activated as you	Configuration Control						
modify, add or delete items in this domain.	Configuration Control						
Domain Structure	A server is an instance of Web	Logic Server that runs in its ov	vn Java Virtual Machine (JV)	4) and has its own configurat	lon.		
Domain Partitions	This page summarizes each se	nur that has been confloured	in the surrent Webl cale For	uer demale			
P-Environment	This page summarizes each se	rver that has been conligured	in the current weblogic ser	ver domain.			
Servers	25						
Clusters	23						
Coherence Clusters	Customize this table						
Resource Groups Resource Group Templates	P Customize this table						
Machines	Servers (Filtered - More Co	lumns Exist)					
Virtual Hosts	Internal Description						
Virtual Targets	New Clone Delete					Showing	1 to 2 of 2 Previous   Next
Work Managers	Name 😞	Туре	Cluster	Machine	State	Health	Listen Port
Concurrent Templates		1100	cluster	Huchine	ource	- Andrews	Listen Fort
Resource Mananement	AdminServer(admin)	Configured			RUNNING	✓ OK	9900
How do I	ManagedServer_1	Configured	new_Cluster_1	new_Machine_1	SHUTDOWN	Not reachable	9903
					Name and Address of the Address of t		
Create Managed Servers	New Clone Delete					Showing	1 to 2 of 2 Previous   Next
Clone servers							
Delete Managed Servers							
Configuration editing is enabled. Future changes will automatically be activated as you	Summary of Clusters						
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	This page summarizes the clust						
changes will automatically be activated as you modify, add or delete items in this domain.							
changes will automatically be activated as you modify, add or delete items in this domain. Domain Structure temp_domain @-Domain Partitions	This page summarizes the clust						
changes will automatically be activated as you modify, add or delete items in this domain. Domain Structure temp_domain ⊕ Domain Partitions ⊕ Environment	This page summarizes the clust						
changes will automatically be activated as you modify, add or delete items in this domain.	This page summarizes the clust A cluster defines groups of Wel Customize this table	blogic Server servers that work					
changes will automatically be activated as you modify, add or delete items in this domain. Domain Structure temp_domain ⊕ Domain Partitions ⊕ Environment ⊕ Servers ⊕ Clusters	This page summarizes the clust A cluster defines groups of Wel Customize this table Clusters (Filtered - More Col	blogic Server servers that work					
changes will automatically be activated as you modify, add or delete items in this domain.	This page summarizes the clust A cluster defines groups of Wel Customize this table	blogic Server servers that work				Showing 1	to 1 of 1 Previous   Next
changes will automatically be activated as you modify, add or delete items in this domain.	This page summarizes the clust A cluster defines groups of Well Customize this table Clusters (Filtered - More Col New Cone Delete	umns Exist)	together to increase scalabi	lity and reliability.			
changes will automatically be activated as you modify, and or delete items in this domain.	This page summarizes the clust A cluster defines groups of Wel Customize this table Clusters (Filtered - More Col	umns Exist)	together to increase scalabi	lity and reliability.	Replication Type	Showing 1 Cluster Broadcast Cha	
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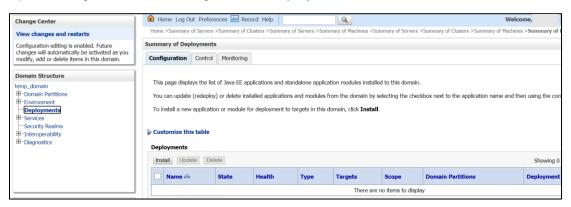
# 9. Party User Interface Deployments

#### 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 except that managed server and domain where we deploy may differ. In case of foundation app shell, the obpy-component-server.war should be deployed in the same managed server along with the other UI component war. Find the below screenshots to see how deployment of archive as application is done on weblogic:

- 1. Extract the obpy-component-server.war from the **UI** folder.
- 2. Open Weblogic console and navigate to the **Deployments**.





3. Click **Install**, select the path and press **Enter** key.

View changes and restarts	Home >Summary of Servers >PLATO >Summary of Ma	chines >SERVICING >Summary of Deployments
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Install Application Assistant           Back         Next         Finish         Cancel           Locate deployment to install and prepare for	r deployment
	Select the file path that represents the application	n root directory, archive file, exploded archive directory, or a
Domain Structure	Note: Only valid file paths are displayed below. I	f you cannot find your deployment files, Upload your file(s)
dev_domain  -Domain Partitions Partition Work Managers Deployments Deployments Services Security Realms	Path: Recently Used Paths:	
➡-Interoperability ➡-Diagnostics	Current Location:	
-	🔾 🧕 obremo-app-shell-snapshot.war	
	Back Next Finish Cancel	

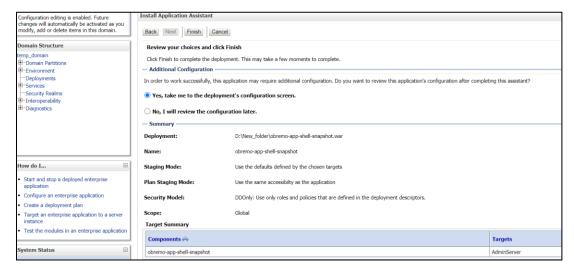
4. Check the option install this deployment as an application option and click **Next**.

Configuration editing is enabled. Future	Install Application Assistant				
changes will automatically be activated as you modify, add or delete items in this domain.	Back Next Finish Canc	ol			
Domain Structure	Choose installation type and s	cope			
temp_domain	Select if the deployment should be	e Installed as an application or library. Also decide the scope of this deployment.			
Environment     Deployments	The application and its components	The application and its components will be targeted to the same locations. This is the most common usage.			
Services     Security Realms	Install this deployment as a	Install this deployment as an application			
Interoperability     Diagnostics	Application libraries are deployment	ts that are available for other deployments to share. Libraries should be available on all of the targets running their referencing application			
	$\bigcirc$ Install this deployment as a	library			
	Select a scope in which you want to	o install the deployment.			
	Scope:	Global 🗸			
How do I 🗆	Back Next Finish Canc	ot			

5. Keep clicking Next after making any specific choices (if required).



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



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

View changes and restarts		of Servers >Su	ummary of Clu	usters >Summary of Servers >Summar	y of Machines >Summary of Servers >S	iummary of Clus	iters >Summa	ry of Machines >Summar	y of Deployments >o	bremo-app-sh	ell-snapshot >Summar	y of
	Deployments	Deployments										
Configuration editing is enabled. Future changes will automatically be activated as you	Summary of Dep	ployments										
modify, add or delete items in this domain.	Configuration	Control M	Ionitoring									
Domain Structure												
temp_domain B-Domain Partitions	This page displ	lays the list of	Java EE app	lications and standalone application	n modules installed to this domain.							
Environment	You can start a	and stop applic	cations and n	modules from the domain by selecti	ng the checkbox next to the applica	tion name and	then using th	ne controls on this page				
Deployments												
Services     Security Realms	Customize th	is table										
Interoperability	Deployments											
Diagnostics	Deployments											
	Start V Sto	op v								Showin	g 1 to 1 of 1 Previous	Next
	Servicing all r	equests				State	Health	Туре	Targets	Scope	Domain Partitions	
	<ul> <li>Servicing only</li> </ul>	y administration	n requests						-			
	🐸 🖽 obrem	io-app-shell-sn	napshot	,		Active	🖋 ОК	Web Application	AdminServer	Global		
	Start ✓ Sto	⊳ qq								Showin	g 1 to 1 of 1 Previous	Next
How do I												
Configure an enterprise application												
<ul> <li>Start applications and modules</li> </ul>												
<ul> <li>Stop applications and modules</li> </ul>												
<ul> <li>View the modules of an enterprise application</li> </ul>												
<ul> <li>Monitor the modules of an enterprise application</li> </ul>												

8. Verify state is Active. If yes, open the URL in this format: https://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	Hone >Summary of Servers >Summary of Clusters >Summary of Machines >Summary of Deployments >obremo-app-shell-snapshot >Summary of Deployments >Summary of Servers >Summary of Machines >new_Machine_1 >s								
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      Fervironment	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.								
Servers Clusters	25								
Clusters     Coherence Clusters     Resource Groups     Resource Group Templates     Machines	© Customize this table Servers (Filtered - More Columns Exist)								
··· Virtual Hosts	Start Resume Suspend - Shutdown - Restart	SSL		Showing 1 to 2 of 2 Previous   Next					
Virtual Targets     Work Managers     Concurrent Templates	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 - Shutdown - Restart	SSL		Showing 1 to 2 of 2 Previous   Next					
<ul> <li>Start Managed Servers from the Administration Console</li> </ul>									



View changes and restarts	Home >Summary or Servers >Summary or Cluste 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 Servers									
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									
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.	-								
E-Environment Servers										
D-Clusters	52									
Coherence Clusters										
Resource Groups	Customize this table									
***Resource Group Templates	Servers (Filtered - More Columns Exist	:)								
- Virtual Hosts	Start Resume Suspend V Shutd	iown ~ Restart SSL				Showing 1 to 2 of 2 Previous   Next				
···Virtual Targets		work completes				Showing 1 to 2 to 2 Previous   Next				
Work Managers	Server 🚸		Machine	State	Status of Last Action					
Concurrent Templates     Resource Management	AdminServer(admin)	shutdown now		RUNNING	None					
	ManagedServer_1		new_Machine_1	RUNNING	TASK COMPLETED					
How do I		Destart COL		nonnero.		Character 2 (2) Provident Library				
<ul> <li>Start and stop servers</li> </ul>	Start Resume Suspend - Shutd	lown ~ Restart SSL	1 1			Showing 1 to 2 of 2 Previous   Next				
<ul> <li>Start Managed Servers from the</li> </ul>										
View changes and restarts		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				
Configuration editing is enabled. Future	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										
temp.domain										
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										
Servers	23									
Coherence Clusters										
Resource Groups	Customize this table									
***Resource Group Templates	Servers (Filtered - More Columns Exist	0								
Machines										
Virtual Taroets	Start Resume Suspend - Shutd	Iown V Restart SSL				Showing 1 to 2 of 2 Previous   Next				
Work Managers	Server 🗇		Machine	State	Status of Last Action					
Concurrent Templates	AdminServer(admin)			RUNNING	None					
Resource Management			and the later of	SHUTDOWN	TASK COMPLETED					
How do I	ManagedServer_1		new_Machine_1	SHUTDOWN	TASK COMINLETED					
<ul> <li>Start and stop servers</li> </ul>	Start Resume Suspend V Shutd	lown 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.

	Home >Summary of Servers >Summary of Cluster Servers	rs >Summary of Machines >Summary of Deployments >obremo-	-app-shell-snapshot >Summary of Deploym	ents >Summary of Servers >Summary of Machines >new_Machine_1 >Summary of				
Configuration editing is enabled, Future								
changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Servers							
modiry, and or delete items in this domain.	Configuration Control							
Domain Structure								
temp_domain  P-Domain Partitions  D-Environment  D-Servers  D-Clusters  Clusters	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.							
Resource Groups Resource Group Templates	Customize this table							
Machines	Servers (Filtered - More Columns Exist)	)						
Virtual Hosts	Start Resume Suspend ~ Shutde	own ~ Restart SSL		Showing 1 to 2 of 2 Previous   N				
Work Managers	🗆 Server 🙈	Machine	State Sta	itus of Last Action				
Concurrent Templates     Resource Management	AdminServer(admin)		RUNNING No	ne				
How do I	ManagedServer_1	new_Machine_1	STARTING TA:	5K IN PROGRESS(7 seconds)				
	Start Resume Suspend v Shutdo	own ~ Restart SSL		Showing 1 to 2 of 2 Previous N				
Start and stop servers								
<ul> <li>Start Managed Servers from the Administration Console</li> </ul>								
	Home >Summary of Servers >Summary of Cluste	rs >Summary of Machines >Summary of Deployments >obremo-i	app-shell-snapshot >Summary of Deploymer	ts >Summary of Servers >Summary of Machines >new_Machine_1 >Summary of				
View changes and restarts	Servers							
Configuration editing is enabled. Future changes will automatically be activated as you	Summary of Servers							
	Configuration Control							
modify, add or delete items in this domain.	Configuration Control							
	Configuration Control							
Domain Structure								
		vers in this WebLogic Server domain. Control operations on	Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the domain-				
Domain Structure temp_domain + - Omain Partitions - Environment	Use this page to change the state of the ser	vers in this WebLogic Server domain. Control operations on	Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the domain-				
Domain Structure temp_domain  Domain Partitions  Funvionment  Servers	Use this page to change the state of the ser	vers in this WebLogic Server domain. Control operations on	Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the domain-				
Domain Structure temp_domain + - Omain Partitions - Environment	Use this page to change the state of the service administration port.	vers in this WebLogic Server domain. Control operations on	Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the domain-				
Domain Structure temp_domain Domain Partitions Densin Partitions Densin Partitions Density Servers Density Constant Density Servers Density Se	Use this page to change the state of the servide administration port.	vers in this WebLogic Server domain. Control operations on	Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the doman-				
Domain Structure     temp_domain     Poman Partitions     Forwars     H-Costers     H-Costers    Coherence Clusters    Resource Groups     mediates	Use this page to change the state of the service administration port.		Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the domain-				
Domain Structure temp_domain  Domain Structure temp_domain  Definitions  Definitions  Coherence Claters  Coherence Claters  Resource Groups	Use this page to change the state of the service administration port.  C1  C2  C3 C4 C4 Servers (Filtered - More Columns Exist)	)	Managed Servers require starting the No					
Comain Structure     temp_domain     Convers	Use this page to change the state of the service administration port.	)	Managed Servers require starting the No	de Manager. Starting Managed Servers in Standby mode requires the domain- standby mode requires the domain- Showing 1 to 2 of 2 Previous   New				
Domain Structure temp_domain  Domain Structure temp_domain  Definitions  Definitions  Coherence Claters  Coherence Claters  Resource Groups	Use this page to change the state of the service administration port.  C1  C2  C3 C4 C4 Servers (Filtered - More Columns Exist)	)	Managed Servers require starting the No					
Domain Structure      temp_domain	Use this page to change the state of the service administration port.	) Overn •• [Restart SSL]	State	Showing 1 to 2 of 2 Previous   Heat Status of Last Action				
Domain Structure     temp.domain     Domain Structure     Temp.domain     Domain Pathloss     Domain	Use this page to change the state of the service administration port.	) com vi [Restart SSL] Machine	State RJANING	Showing 1 to 2 of 2 Previous   Nort Status of Last Action None				
Domain Structure     temp_domain     Grown Partitions     Grown Pa	Use this page to change the state of the service administration port.	) Overn •• [Restart SSL]	State	Showing 1 to 2 of 2 Previous   Heat Status of Last Action				
Domain Structure           temp-Jonnin factions           ⊕ Domain Structure           ⊕ Domain Structure           ⊕ Domain Structure           ⊕ Domain Structure           ⊕ Sources           ⊕ Contense           ⊕ Contense Cleaters           ¬Resource Group Templates           ¬Workal Hosts           ¬Wrual Targets           −Concurrent Templates           ¬Brow do 1	Use this page to change the state of the service administration port.	) own ~ Restart SSL Machine new_Machine_1	State RJANING	Showing 1 to 2 of 2 Previous   Nort Status of Last Action None				
Domain Structure     temp_domain     Poman Partitions     Forwars     Powers     P-Coherence Clusters	Use this page to change the state of the service admenstration port.  C2  C3  C4  Castomize this table Servers (Filtered - More Columns Exist Sater Remain Surgersd - Shata Server shata AdmisServe (admin) ManagetServer_1	) own ~ Restart SSL Machine new_Machine_1	State RJANING	Showing 1 to 2 of 2 Previous   Next Status of Last Action None TASK COMPLETED				



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

View changes and restarts	Huns Stammary of Deployments - shorm a spe-hel-inapolist - Summary of Deployments - Summary of Servers - Summary of Machines, 1 - Summary of Servers - Summary of Deployments - shorm a spe-hel- inapolic - Summary of Deployments Summary of Deployments										
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.											
	Configuration Control	Monitoring									
Domain Structure											
temp_domain -Domain Partitions	This page displays the list of Java EE applications and standalone application modules installed to this domain.										
Environment	You can update (redeploy	or delete install	ed applications and modules from the domain by selecting	he checkbox next to	the applica	tion name an	d then using the co	ntrols on t	his page.		
Deployments     Services     Security Realms	To install a new applicatio	To install a new application or module for deployment to targets in this domain, click Install.									
Security Realms     Thereoperability     Diagnostics	Customize this table										
	Deployments										
	Install Update Dele	Install, Update Delete Showing it to 1 of 1 Previous Next									
	🗌 Name 🐟			Stat	e Health	Туре	Targets	Scope	Domain Partitions	Deployment Order	
How do I	🗌 🗉 🥫 obremo-app-sl	nell-snapshot		Activ	e 🗸 OK	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											
Update (redeploy) an enterprise application											



# **11.Deployments**

### 11.1 Party Processes

The list of Conductor based processes that have to be deployed for the Party Services are:

Serial Number	Process Name	Dependent process
1	obpy-corporate-onboarding-processflow_CPOB.json	None
2	obpy-fi-amendment-processflow_FPAM.json	None
3	obpy-fi-onboarding-processflow_FPOB.json	None
4	obpy-party-onboarding-processflow_REOB.json	None
5	obpy-retail-amendment-processflow_PAMD.json	None
6	obpy_corp_amendment_processflow_CAMD.json	None
7	obpy_smb_amendment_processflow_SMBA.json	None
8	obpy_smb_onboarding_processflow_RSMB.json	None
9	obpy_sme_amendment_processflow_SMEA.json	None
10	obpy_sme_onboarding_processflow_CSME.json	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}}/plato-orchservice/api/metadata/workflow\_

{{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. The screenshot shared below is for sample purpose only

- 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 V
PUT v	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	A

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

▶ PostWo	orkflow	ents 0 Examples 0 🔻
PUT	2	Send 🔻 Save 🔻
Params	Authorization Headers (3) Body  Pre-request Script Tests Settings	Cookies Code
none	● form-data  ● x-www-form-urlencoded  ● raw  ● binary  ● GraphQLJSON  ▼	Beautify
4 5 6	<pre>"createrime": 1581509022312, "updaterime": 1582711022135, "name": "CAMS", Version": 1, "tasks": [ { "name": "CAMServiceGateway", "inputParameters": [ "isfromcollateralEvaluation": "\$(workflow.input.transactionData.moduleData.isFromCollateralEvaluation)" "; "type": "DECISION", "casevalueParam": "isFromCollateralEvaluation", "decisionCases": { "N": [ { "name": "Proposal Initiation", "taskReferenceName": "Initiation", "taskReferenceName": Initiation", "taskReferenceName": Initiation",</pre>	

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

PUT	*								Send	•	Save	*
1022 - 1023 1024 1025 1026 1027 - 1028 1029 1030 1031 1032 1033 1034 1035	"part "appl "cust ], "output "reje "loan "emai }, "schema "restar	GrantStatus lStatus": " Version": 2 table": true	er", s": "\${humant ": "\${humanta \${CNFRM_CORP_ ,	ask_apprv_cor sk_apprv_corp LOAN.output.e : false	_loan.o	utput.loa						
	pokies He	eaders (6)	Test Results				Status: 204 No Content	Time: 309ms	Size: 281 B	Save	Response	e 🔻
Pretty	Raw	Preview	Visualize	JSON 🔻	₽							Q



# ORACLE

#### Party Services Installation Guide

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

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