Party Services Installation Guide Oracle Banking Credit Facilities Process Management Release 14.6.0.0.0 Part No. F57002-01 May 2022



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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 with 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 http://www.oracle.com/us/corporate/accessibility/index.html.

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

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 needs to be imported. Please refer to "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:

- Plato Services Installation Guides.
- Common Core Services Installation Guides.
- 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 setup database related configuration for Party Services Installation. Before you proceed, ensure pre-installation setup is done. The pre-installation setup includes the configuration of database, setting up the **setUserOverrides.sh**. Create required schema for each of the micro services. The schema object creations and the static data required for the micro service 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)



3. Party Services Domains Configuration

3.1 Prerequisites

- 1. Machine should have Java JDK has installed.
- Oracle Fusion Middleware has to be installed on the machine.
 NOTE: Before proceeding with below steps complete Plato installation guides.
- Steps for creating all Party (OBPY) 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 **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.

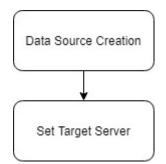
Service Name	Domain Name
obpy-stage-services	Party Domain
obpy-party-services	Party Domain
obpy-party-kyc-services	Party Domain
obpy-businessprocess-services	Party Domain
obpy-party-handoff-services	Party Domain
obpy-party-publisher-services	Party Domain
obpy-party-maintenance-service	Party Domain
obpy-party-adapter-services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



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



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

4.3 Steps to Create Datasource

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

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 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	

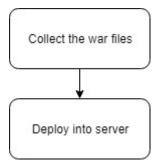
Kindly refer to the **Plato Services Installation Guide**, **Common Core Services Installation Guide** and **Security Management System Services Installation Guide** for more recent details on data sources.



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

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

Before deploying ensure that setUserOverrides.sh all placeholders values are set correctly. Please refer to the Plato Installation Guide for more details. If any placeholder is missed, the deployment will fail, and incorrect value will result errors in application.

Application	Archive name	OSDC path	Targets
OBPY Party Maintenance Services	obpy-party- maintenance-service- 6.0.0.war	{unzip the file} \obpy-party-maintenance- service	Party Managed Server
OBPY Stage Services	obpy-stage-services- 6.0.0.war	{ unzip the file } \stage-services	Party Managed Server
OBPY Party Services	obpy-party-services- 6.0.0.war	{ unzip the file } \obpy-party-services	Party Managed Server
Party KYC Services	obpy-party-kyc-services- 6.0.0.war	{ unzip the file } \obpy-party-kyc-services	Party Managed Server
OBPY Businessproce ss Services	obpy-businessprocess- services-6.0.0.war	{ unzip the file } \obpy-businessprocess-services	Party Managed Server
OBPY Party Handoff Services	obpy-party-handoff- services-6.0.0.war	{ unzip the file } \obpy-party-handoff-services	Party Managed Server
OBPY Party Publisher Services	obpy-party-publisher- services-6.0.0.war	{ unzip the file } \obpy-party-publisher-services	Party Managed Server



Application	Archive name	OSDC path	Targets
OBPY Party Adapter Services	obpy-party-adapter- services-6.0.0.war	{ unzip the file } \obpy-party-adapter-services	Party Managed Server
OBPY Corporate View Service	obpy-party-corporate- view-services-6.0.0.war	{unzip the file} \obpy-party-corporate-view- services	Party Managed Server

5.3 Steps to Deploy as Application

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

Please **note** that for obpy-party-adapter-services the below placeholder value should be correctly set in the setUserOverrides.sh **Key**: ubsEndpoint

Value: Point to the host and port where the obpy-customer-services is running (Sample <u>http://hostname:port</u>)

NOTE: The obpy-customer-services is a service that needs to be deployed in Oracle FLEXCUBE Universal Banking end. 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</pre>

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, please refer to Plato Infrastructure Services Installation Guide.



8. Party UI Domain and Cluster Configuration

8.1 Prerequisites

- 1. 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	-	
Configuration Type			
🔍 Create Domain			
A Templates			
Administrator Account			
Domain Mode and JDK			
Advanced Configuration			
Configuration Summary	Whet do unument to do?		
Configuration Progress	What do you want to do?		
5 End Of Configuration	Oreate a new domain		
	Update an existing domain		
	Domain Location:		Browse
Help		< Back Next > Finish	Cancel



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

Fusion Middleware Configuration W	zard - Page 6 of 16	- 🗆 X
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	
 <u>Clusters</u> 		
Server Templates	Enable SSL	
Machines	SSL Listen Port	
Virtual Targets		
Partitions		
Configuration Summary		
Configuration Progress		
5 End Of Configuration		
	•	
	ort number must be between 1 and 65535, and different from SSL listen port and co	herence port.
Help	< <u>B</u> ack Next >	> Einish 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					
 <u>Clusters</u> 					
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			Dis <u>c</u> ard 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					
<u>Node Manager</u>					
Managed Servers					
Clusters					
Server Templates					
Dynamic Servers					
 Assign Servers to Clusters 					
 <u>Machines</u> 					
Virtual Targets					
Partitions					
Configuration Summary					
Configuration Progress					
End Of Configuration					
Help			< <u>B</u> ac	k <u>N</u> ext > Ei	hish Cancel



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

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						
÷.	Node Manager		۶				
- 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 one or more servers in the left pane and one 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**.

Susion Middleware Configuration	n Wizard - Page 13 of 19		- 🗆 🗙
Machines			
Create Domain 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
 Administration Server 			
Node Manager			
Managed Servers			
<u>Clusters</u>			
Server Templates			
Dynamic Servers			
 Assign Servers to Clusters 			
Machines			
Assign Servers to Machines			
 <u>Virtual Targets</u> 			
Partitions			
Configuration Summary			
Configuration Progress			
End Of Configuration			
Help		< Back	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	MadminServer		Machine
Administrator Account			New_Machine_1 ManagedServer_1
Domain Mode and JDK			
Advanced Configuration			
Administration Server			
Vode Manager		۲	
Managed Servers			
Clusters			
Server Templates			
Uvnamic Servers		8	
Assign Servers to Clusters			
Machines			
Assign Servers to Machines			
 Virtual Targets 			
Partitions			
Configuration Summary	A •		
Configuration Progress	Select one or more servers in the left pane and o to assign the server or servers to the machine.	one machine	in the right pane. Then use the right arrow button (>)
End Of Configuration			
Help	L	ſ	< Back Next > Finish Cancel
Tob			Calcel



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

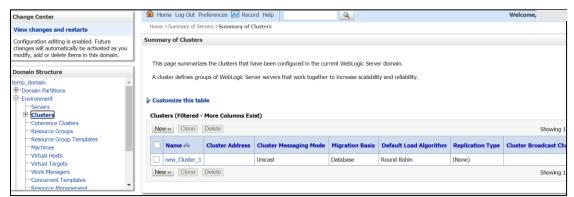
Fusion Middleware Configuration	Wizard - Page 17 of 19			_	×
Configuration Summary					
 Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Clusters Server Templates Dynamic Servers Assign Servers to Clusters Machines Assign Servers to Machines Virtual Targets Partitions Configuration Progress End Of Configuration 	View: Deployment temp_domain (AdminServer AdminServer Cluster New_Cluster_1 Select Create to accept the above options and start creating configuration before starting Domain Creation, go back to the using the Back button.			rebLogic Serve on change the ab	er Nove
Help		< <u>B</u> ack	<u>N</u> ext >	eate C	ancel

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

Change Center	🙆 Home Log Out Preferences	Record Help	Q			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				n - 11 - 1 - 1 - 1				
temp_domain 🔺	A server is an instance of WebL	ogic Server that runs in its ow	n Java Virtual Machine (JVN	 and has its own configuration 	on.			
Domain Partitions Environment	This page summarizes each ser	ver that has been configured	n the current WebLogic Ser	ver domain.				
Servers	\$5							
Coherence Clusters								
Resource Groups	Customize this table							
Resource Group Templates	-							
Machines	Servers (Filtered - More Col	umns Exist)						
Virtual Hosts Virtual Targets	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	New Clone Delete					Showing 1 t		
Clone servers								
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	î 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	Summary of Machines	
changes will automatically be activated as you modify, add or delete items in this domain.		
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	
temp_domain	remote servers.	
Domain Partitions	This page displays key information about each machine that has been configured in the current WebLogic Server domain.	
-Environment		
Servers Clusters	Customize this table	
Coherence Clusters		
Resource Groups	Machines	
Resource Group Templates	New Clone Delete	Showing 1
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.

- 1. Create boot.properties file under /user_projects/domains/XXXXdomainNameXXX/servers/AdminServer/security.
- 2. Edit boot.properties and give username and password details.
- 3. Goto /user_projects/domain/sms_domain/bin.
- 4. Run startWeblogic.cmd (or .sh if operating system is linux).
- 5. Goto /user_projects/domains/sms _domain/bin.
- 6. Run setNMJavaHome.cmd (.sh).
- 7. Goto /user_projects/domains/sms _domain/nodemanager.
- 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 >S	Summary of Serve	ers >Summary of Cl	lusters >Summary of S	servers > summary or 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.	Configu	ration Contro	rol						
moury, due of delete items in this domain.									
Domain Structure	1								
temp_domain ·	A serve	r is an instance	e of WebLogic Serv	ver that runs in its o	wn Java Virtual Machine (JV	 and has its own configurat 	ion.		
Domain Partitions	This pa	ne summarizes	each server that I	has been configured	in the current WebLogic Se	ver domain			
Environment		ge ourieranizeo .		nas been estinguice	in the carton reacogie so				
Servers	25								
Clusters	52								
Coherence Clusters									
Resource Groups	Custo	mize this table	le						
Resource Group Templates		(Files of A							
Machines	Server	rs (Filtered - M	More Columns E	xist)					
Virtual Hosts	New	Clone De	elete					Showing	1 to 2 of 2 Previous Nex
Virtual Targets	land a			- Data					
Work Managers		Name 🚕		Туре	Cluster	Machine	State	Health	Listen Port
Concurrent Templates			Arrent of	Longer and					
-Resource Management		AdminServer(adm	min)	Configured			RUNNING	< ок	9900
How do I		AanagedServer_	_1	Configured	new_Cluster_1	new_Machine_1	SHUTDOWN	Not reachable	9903
	Now	Clone De	elete	12	Maria and a second s		20	Showing	1 to 2 of 2 Previous Nex
Create Managed Servers	14CW	De la						Showing	1 to 2 of 2 Previous Nex
Clone servers									
 Delete Managed Servers 									
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.		of Clusters							
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changes will automatically be activated as you modify, add of delete items in this domain. Domain Structure temp_domain ⊕ Domain Partitions ⊕ Environment ⊕ Servers ⊕ Uisters	This pag A cluste	ge summarizes t er defines groups nize this table	os of WebLogic Ser	ver servers that wor					
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changes will automatically be activated as you modify, add of delete items in this domain. Domain Structure temp_domain ⊕ Domain Partitions ⊕ Environment ⊕ Servers ⊕ Uisters	This pay A cluster Custon Cluster New ~	ge summarizes t er defines groups nize this table s (Filtered - Mo	e of WebLogic Ser Iore Columns Exi	ist)	k together to increase scalab	lity and reliability.		-	
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changes will automatically be activated as you modify, add or delete items in this domain.	This pag A cluster Cluster New ~	ge summarizes te re defines groups mize this table s (Filtered - Mo ame a C (Gone De ame a C Cone De (Cone De (Gone D	s of WebLogic Ser biore Columns Ext elette Cluster Address elette al representation of hich certain tasks information about elette ele	ver servers that work ist) Cluster Messagir Unicast of the computer that is, such as HTTP sessi	k together to increase scalab	lity and reliability.	(None) lebLogic Server uses clear the machine definition.	Cluster Broadcast Cha Showing 1 onfigured machine names tion in conjunction with No Showing 1	Servers ManagedServer_1 to 1 of 1 Previous Next to determine the optimum de Manager to start



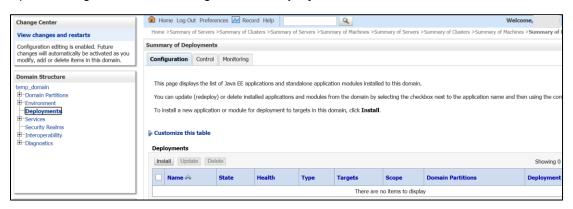
9. Party User Interface Deployments

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 M	achines >SERVICING >Summary of Deployments
No pending changes exist. Click the Release	Install Application Assistant	
Configuration button to allow others to edit the domain.	Back Next Finish Cancel Locate deployment to install and prepare for Select the file path that represents the applicatio	or deployment n root directory, archive file, exploded archive directory, or a
Domain Structure	Note: Only valid file paths are displayed below.	If you cannot find your deployment files, Upload your file(s)
dev_domain 	Path: Recently Used Paths: Current Location:	
	🔘 🧕 obremo-app-shell-snapshot.war	
	Back Next Finish Cancel	

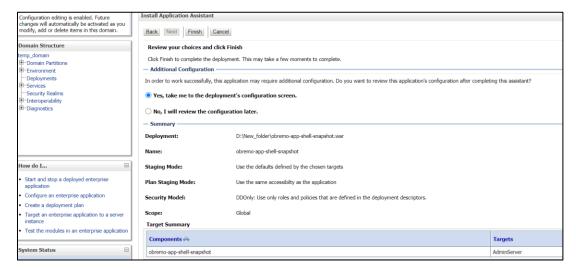
4. Check the option install this deployment as an application option and click **Next**.

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 Cancel					
Domain Structure	Choose installation type and sco	pe				
temp_domain Domain Partitions	Select if the deployment should be in	stalled as an application or library. Also decide the scope of this deployment.				
Environment Deployments	The application and its components wi	The application and its components will be targeted to the same locations. This is the most common usage.				
	Install this deployment as an application					
Interoperability Diagnostics	Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets runn					
	Install this deployment as a lit	Stary				
	Select a scope in which you want to in	stall the deployment.				
	Scope:	Global 🗸				
How do I	Back Next Finish Cancel					

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		Servers >Summary of Clu	sters >Summary of Servers >Summary	of Machines >Summary of Servers >Sumr	nary of Clus	sters >Summa	y of Machines >Summary	of Deployments >o	ibremo-app-sh	ell-snapshot >Summary	y of
	Deployments										
Configuration editing is enabled. Future changes will automatically be activated as you	Summary of Deploy	ments									
modify, add or delete items in this domain.	Configuration Con	ntrol Monitoring									
Domain Structure											
temp_domain	This page displays	the list of Java EE appl	lications and standalone application	modules installed to this domain.							
Domain Partitions Environment	You can start and a	ston applications and n	odules from the domain by selection	g the checkbox next to the application	name and	then using the	e controls on this name				
Deployments	Tou curr start and a		ioudica nom the domain by access	y the checkbox next to the upplication	nume uno	oren using o	c controla on this page				
Services	Customize this ta										
Security Realms Thteroperability	P Customize this ta	able									
Interoperating Diagnostics	Deployments										
	Start V Stop V								Showin	g 1 to 1 of 1 Previous	s Next
	Servicing all requ	ests			State	Health	Туре	Targets	Scope	Domain Partitions	
	- Servicing only adr	ministration requests			State		type	Targets	scope	Domain Partitions	
	🐱 🗠 obremo-ap	op-shell-snapshot			Active	🖋 ОК	Web Application	AdminServer	Global		
	Start v Stop v								Showin	g 1 to 1 of 1 Previous	s Next
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 											

8. 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 Clusters >Summary of Machines >Summary of Deployments >obremo-app-shell-snapshot >Summary of Deployments >Summary of Servers >Summary of Machines >new_Machine_1 >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								
monty, and a decer tend in the domain	Configuration Control	Configuration Control							
Domain Structure temp_domain Domain Partitions D-Environment	Use this page to change the state of the servers in this WelLogic Server domain. Control operations on Managed Servers require starting the Node Manager. Starting Managed Servers in Standby mode requires the domain- wide administration port.								
	<2								
Coherence 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 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 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
 Start and stop servers 	Start Resume Suspend - Shutd	lown ~ Restart SSL	1 1			Showing 1 to 2 of 2 Previous Next
 Start Managed Servers from the 						
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	
 Start and stop servers 	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 Arititions - Environment - Servers - Clusters - Clusters - Coherence 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	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								
 Start Managed Servers from the Administration Console 								
	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 Deservers DerCoasters	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 Particos Gruponan Gruponan Gruponan Gruponan Gruponan Resource Gruponan Resour	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 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 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 ¬Wrutal 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		Home >Summary of Deployments >obremo-app-shell-snapshot >Summary of Deployments >Summary of Servers >Summary of Machines >new_Machine_1 >Summary of Servers >Summary of Deployments >obremo-app-shell- snapshot >Summary of DeploymentS								
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Deployments									
	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	Deployments								
	Install Update Dele	Install Update Delete Showing I 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 which 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}}/

{{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	rkflow 📮 Comments 0	Examples 0 🔻
PUT	▼ Send	▼ Save ▼
Params	Authorization Headers (3) Body Pre-request Script Tests Settings	Cookies Code
none	● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ▼	Beautify
4 5 6	<pre>'createTime": 1581509022312, 'updateTime": 1582711022135, 'name": "CAMS", 'version": 1, 'taskS: [[{</pre>	

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

PUT	Ŧ								Send	•	Save	*
1022 - 1023 1024 1025 1026 1027 - 1028 1029 1030 1031 1032 1033 1034 1035 1036	"part "appl "cust], "output "reje "loan "emai }, "schema "restar	GrantStatus 1Status": " AVersion": 2 rtable": tru	er", s": "\${humant ": "\${humanta \${CNFRM_CORP_ ,	ask_apprv_corp LOAN.output.0	loan.o	.output.rejection output.loanGrantS itus}"						
Body Co	ookies H	eaders (6)	Test Results				Status: 204 No Conter	nt Time: 309ms	Size: 281 B	Save	Respons	е 🔻
Pretty 1	Raw	Preview	Visualize	JSON 🔻	٩I						6	Q



ORACLE

Party Services Installation Guide

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