ANNEXURE - 1 Oracle FLEXCUBE Onboarding Release 14.4.0.0.0 Part Number F37096-01 January 2021



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# 1. ANNEXURE - 1

## 1.1 Introduction

This guide is a supporting document for the installation of PLATO applications. You can find the reference in the respective installation guides.

# 1.2 Placeholder Update for Plato-Services

The Placeholder update can be performed in the following methods:

- Method 1 Via setUserOverrides.sh file
- Method 2 Via passing the **-D params** in the Server start argument
- Method 3 Using env files and setUserOverrides.sh file

## 1.2.1 Method 1 – Via setUserOverrides.sh file

Perform the following steps:

- 1. Create a file called **setUserOverrides.sh** inside the Weblogic bin location.
- 2. The following formats of the **setUserOverrides.sh** file and the list of parameters that need to be passed in order to run the plato services properly.
  - **NOTE:** Below are the list of **-D params** (ENV Variables) which needs to be set for all the individual services. Set a single **-Dparam** as follows:

JAVA\_OPTIONS="\${JAVA\_OPTIONS} -DParam =<ParamValue>" export JAVA\_OPTIONS

## **//Common Properties**

-Dplato.services.config.port= <CONFIG\_SERVICE\_PORT>

-Dplato.services.config.uri= http://<CONFIG\_SERVICE\_HOSTNAME>:<CONFIG\_SERVICE\_PORT>

-Deureka.client.serviceUrl.defaultZone= http://<DISCOVERY\_SERVICE\_HOST>:<DISCOVERY\_SERVICE\_PORT>/platodiscovery-service/eureka

-Dplato.services.entityservices.port= <PLATO\_ORCH\_SERVICE\_PORT>

-Dplato.service.logging.path= <LOGGING PATH>

#### //Flyway Common Placeholders

-Dflyway.domain.placeHolders.eureka.host= <DISCOVERY\_SERVICE\_HOST>

-Dflyway.domain.placeHolders.eureka.port= <DISCOVERY\_SERVICE\_PORT>

-Dflyway.domain.placeHolders.plato-api-gateway.server.port= <API\_GATEWAY\_PORT>

-Dflyway.domain.placeHolders.zipkin.host= <ZIPKIN\_HOSTNAME>

-Dflyway.domain.placeHolders.zipkin.port= <ZIPKIN\_PORT>

#### //SMS - Needed for other services also

-Dflyway.domain.placeHolders.sms.username= <SMS\_SCHEMA\_USERNAME>

-Dflyway.domain.placeHolders.sms.password= <SMS\_SCHEMA\_PASSWORD>



-Dflyway.domain.placeHolders.sms.jdbcUrl= <SMS\_SCHEMA\_URL>

-Dflyway.domain.placeHolders.sms.schemas= <SMS\_SCHEMA\_NAME>

#### //Plato Config Service - Needed for other services also

-Dflyway.domain.placeHolders.plato-config.username= <PLATO\_DB\_USERNAME>

-Dflyway.domain.placeHolders.plato-config.password= <PLATO\_DB\_PASSWORD>"

-Dflyway.domain.placeHolders.plato-config.jdbcUrl= <PLATO\_DB\_URL>

-Dflyway.domain.placeHolders.driver.className= oracle.jdbc.driver.OracleDriver

-Dflyway.domain.placeHolders.plato-config.schemas= <PLATO\_DB\_SCHEMANAME>

#### //Plato Api Gateway - Needed for other services also

-Dflyway.domain.placeHolders.api-gateway.username= <SECURITY\_DB\_USERNAME>

-Dflyway.domain.placeHolders.api-gateway.password= <SECURITY\_DB\_PASSWORD>

-Dflyway.domain.placeHolders.api-gateway.jdbcUrl= <SECURITY\_DB\_URL>

-Dflyway.domain.placeHolders.api-gateway.schemas= <SECURITY\_SCHEMANAME>

-Dflyway.domain.placeHolders.apigateway.host= <APIGATEWAY\_HOSTNAME>

-Dflyway.domain.placeHolders.apigateway.port= <APIGATEWAY\_PORT>

-Dflyway.domain.placeHolders.USER.STORE= <USER.STORE>

-Dflyway.domain.placeHolders.LDAP.CORS.allowed.origin= <LDAP\_CORS>

-Dflyway.domain.placeHolders.LDAP.credential.SALT= <LDAP\_CREDENTIALS\_SALT>

-Dflyway.domain.placeHolders.JWT.EXPIRY.seconds= <JWT\_EXPIRY\_SECONDS>

-Dflyway.domain.placeHolders.LDAP.url = <LDAP\_SERVER\_URL >

-Dflyway.domain.placeHolders.LDAP.userId = <LDAP\_SERVER\_USER>

-Dflyway.domain.placeHolders.LDAP.server.base = <LDAP\_SERVER\_BASE>

-Dflyway.domain.placeHolders.LDAP.server.credential = <LDAP\_CREDENTIALS>

-Dflyway.domain.placeHolders.LDAP.usersearch.base = <LDAP\_USER\_BASE>

-Dflyway.domain.placeHolders LDAP.user.prefix = <LDAP\_USER\_PREFIX>

-Dflyway.domain.placeHolders.LDAP.provider = <LDAP\_PROVIDER>

-Dflyway.domain.placeHolders.TOKEN.autoregenerate = <TOKEN\_AUTOREGENERATION>

-Dflyway.domain.placeHolders.SSO.enabled = <SSO\_ENABLED>

-Dflyway.domain.placeHolders.TOKEN.regeneration.enabled = <TOKEN\_ALWAYSNEW\_GENERATION >

#### //Plato Discovery Service

-Dflyway.domain.placeHolders.plato-discoveryservice.server.port=<DISCOVERY\_SERVICE\_PORT>

#### //Plato UI-Config Services

-Dflyway.domain.placeHolders.plato-ui-configservices.server.port=<UICONFIG\_SERVICE\_PORT>



-Dflyway.domain.placeHolders.plato-uiconfig.username=<UICONFIG\_SCHEMA\_USERNAME>

-Dflyway.domain.placeHolders.plato-uiconfig.password=<UICONFIG\_SCHEMA\_PASSWORD>

-Dflyway.domain.placeHolders.plato-ui-config.jdbcUrl=<UICONFIG\_SCHEMA\_URL>

-Dflyway.domain.placeHolders.plato-uiconfig.schemas=<UICONFIG\_SCHEMA\_NAME>

#### //Plato Feed Services

-Dflyway.domain.placeHolders.plato-feedservices.feed.upload.directory=<FEED\_SERVICE\_UPLOAD\_PATH>

-Dflyway.domain.placeHolders.plato-feedservices.server.port=<FEED\_SERVICE\_PORT>

-Dflyway.domain.placeHolders.plato-feedservices.username=<FEED\_DB\_USERNAME>

-Dflyway.domain.placeHolders.plato-feedservices.password=<FEED\_DB\_PASSWORD>

-Dflyway.domain.placeHolders.plato-feed-services.jdbcUrl=<FEED\_DB\_URL>

-Dflyway.domain.placeHolders.plato-feedservices.schemas=<FEED\_SCHEMA\_NAME>

#### //Plato Batch Server

-Dflyway.domain.placeHolders.plato-batchserver.server.port=<BATCH\_SERVER\_PORT>

-Dflyway.domain.placeHolders.plato-batchserver.plato.eventhub.kafka.brokers=<EVETNHUB\_KAFKA\_BROKERS>

-Dflyway.domain.placeHolders.plato-batchserver.plato.eventhub.zk.nodes=<ZK\_NODES>

-Dflyway.domain.placeHolders.plato-batchserver.username=<BATCH\_SCHEMA\_USERNAME>

-Dflyway.domain.placeHolders.plato-batchserver.password=<BATCH\_SCHEMA\_PASSWORD>

-Dflyway.domain.placeHolders.plato-batch-server.jdbcUrl=<BATCH\_SCHEMA\_URL>

-Dflyway.domain.placeHolders.plato-batchserver.schemas=<BATCH\_SCHEMA\_NAME>

#### // Plato-Alerts-Management-Services

-Dflyway.domain.placeHolders.plato-alerts-managementservices.server.port=<ALERTS-MANAGEMENT-SERVER-PORT>

-Dflyway.domain.placeHolders.plato-alerts-managementservices.plato.eventhub.kafka.brokers=<EVETNHUB\_KAFKA\_BROKERS>

-Dflyway.domain.placeHolders.plato-alerts-managementservices.plato.eventhub.zk.nodes=<ZK\_NODES>

-Dflyway.domain.placeHolders.plato-alerts-managementservices.username=<ALERTS\_SCHEMA\_USERNAME>

-Dflyway.domain.placeHolders.plato-alerts-managementservices.password=<ALERTS\_SCHEMA\_PASSWORD>



-Dflyway.domain.placeHolders.plato-alerts-managementservices.jdbcUrl=<ALERTS\_SCHEMA\_URL>

-Dflyway.domain.placeHolders.plato-alerts-managementservices.schemas=<ALERTS\_SCHEMA\_NAME>

#### //Plato Orch Service

-Dflyway.domain.placeHolders.plato-orchservice.server.port=<ORCH\_SERVICE\_PORT>

-Dflyway.domain.placeHolders. plato-orchestrator.hostname=<CONDUCTOR-EUREKA-HOSTNAME >

#### //Conductor

-Dconductor.properties=<CONDUCTOR\_CONFIG\_FILE\_PATH>

### //Common core NLP services

-Dflyway.domain.placeholders.cmc-nlp-annotator-

services.server.port=<CMC\_NLP\_ANNOTATOR\_SERVICES\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-dashboard-widget-

services.server.port=<CMC\_NLP\_DASHBOARD\_SERVICES\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-model-mngmnt-

services.server.port=<CMC\_NLP\_MODEL\_MANGEMENT\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-online-processing-

services.server.port=<CMC\_NLP\_ONLINE\_PROCESSING\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-tag-maint-

services.server.port=<CMC\_NLP\_TAG\_MAINTENANCE\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-text-extraction-

services.server.port=<CMC\_NLP\_TEXT\_EXTRACTION\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-txn-log-

services.server.port=<CMC\_NLP\_TXN\_LOG\_SERVICES\_PORT>

-Dflyway.domain.placeholders.cmc-nlp-util-

services.server.port=<CMC\_NLP\_UTIL\_SERVICES\_PORT>

#### // Common core NLP Poller service

-Dflyway.domain.placeholders.cmc-fc-ai-ml-services.server.port=<Server\_Port>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.postingPath=<Posting\_Path>



-Dflyway.domain.placeholders.cmc-fc-ai-ml-services.server.pollingPath=<Polling\_Path>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.pollingEmail=<Polling\_Email>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.emailServerHost=<Email\_Server\_Host>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.emailServerPort=<Email\_Server\_PORT>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.pollingFrequency=<Polling\_Frequency>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.pollerInitialDelay=<Poller\_Initial\_Delay>

-Dflyway.domain.placeholders.cmc-fc-ai-ml-

services.server.emailPassword=<Poller\_Email\_Password>

## 1.2.2 Method 2 – Via passing the -D params in the Server start argument

All the above mentioned -D parameters can be passed through the Server start argument in respective managed server. Perform the following steps:

1. Navigate to the Server **Configuration** tab and click managed server to which you want to pass the values.

Summary of Servers								
Configuration Control								
A server is an instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration. This page summarizes each server that has been configured in the current WebLogic Server domain.								
25								
Customize this table								
Servers (Filtered - More Columns Exist)								
Click the <i>Lock &amp; Edit</i> button in the Change Cent	er to activate all the butto	ons on this page.						
New Clone Delete					Showin	g 1 to 2 of 2 Previous   Next		
Name 🗞	Туре	Cluster	Machine	State	Health	Listen Port		
AdminServer(admin)	Configured		whf00dkx	RUNNING	🖋 ок	7001		
managed1 server Configured whf00dkx RUNNING 🗸 OK 7003								
New Clone Delete Showing 1 to 2 of 2 Previous   Next								



2. Select Server Start tab in the next screen.

tings for mar	naged1_serv	ver										
nfiguration	Protocols	Logging	Debug	Monitoring	Control	Deployments	Services	Security	Notes			
neral Clust	ter Service	s Keysto	res SSL	Federation	Services	Deployment	Migration	Tuning	Overload	Concurrency	Health Monitoring	Server Start
b Services	Conerence											
ick the <i>Lock</i> a	& Edit buttor	n in the Cha	nge Center	to modify the	settings o	n this page.						
ve												
lode Manager	is a WebLogi	c Server uti	lity that yo	u can use to s	tart, suspe	nd, shut down, a	and restart s	ervers in no	ormal or une	xpected condition	ons. Use this page to o	configure the startup settir
nat Node Mana	ager will use	to start this	server on	a remote mad	hine.							
iva Home:									The Java	home directory	(path on the machine	e running Node Manager)
									use whe	n starting this se	erver. More Info	
iva Vendor:									The Java	Vendor value t	o use when starting th	his server. More Info
A Home:									The BEA	home directory	(path on the machine	e running Node Manager) (
									use whe	n starting this se	erver. More Info	
oot Directory									The dire	ctopy that this co	mor uses as its reat (	directory. This directory m
JOL Directory	•								be on th	e computer that	hosts Node Manager.	. If you do not specify a Re
									Directory	value, the dom	ain directory is used l	by default. More Info
ace Dath									The class	snath (nath on t	he machine running N	lode Manager) to use whe
uss i uci.									starting	this server. Mo	re Info	to use managery to use mile

3. Edit the **Arguments** field and pass all the environment parameters required for the service to run.

ava Home:	The Java home directory (path on the machine running Node Manager) to use when starting this server. More Info
ava Vendor:	The Java Vendor value to use when starting this server. More Info
EA Home:	The BEA home directory (path on the machine running Node Manager) to use when starting this server. More Info
oot Directory:	The directory that this server uses as its root directory. This directory mus be on the computer that hosts Node Manager. If you do not specify a Rool Directory value, the domain directory is used by default. More Info
lass Path:	The classpath (path on the machine running Node Manager) to use when starting this server. More Info
rguments: -Deureka.server.enable-self-preservation=false -Dspring.flyway.enabled=false -Dflyway.enabled=false -Deureka.client.serviceUrl.defaultZone=http://whf00dkx:7003 /plato-discovery-service/eureka -Dserver.port=7003	The arguments to use when starting this server. More Info

4. Save the configuration and restart the managed server. After you restart, the service can be started or deployed properly.



## 1.2.3 Method 3 – Using env files and setUserOverrides.sh file

Perform the following steps:

 Copy the setUserOverrides.sh file to each of the <domain>/bin folder. The example of the file is given below:

#!/bin/bash

# shellcheck disable=SC1090

# Common functions

set -e -x

config\_file=""

PLATO\_CONFIG\_MANAGED\_SERVER\_NAME=""

# This file is used only for PLATO-CONFIG service

plato\_config\_file="\${DOMAIN\_HOME}/bin/plato-config-deploy.env"

# This file is used for rest of the services

domain\_config\_file="\${DOMAIN\_HOME}/bin/domain-config-deploy.env"

```
if [ -f "$plato_config_file" ]; then
```

PLATO\_CONFIG\_MANAGED\_SERVER\_NAME=`cat \${DOMAIN\_HOME}/bin/plato-configdeploy.env | grep "PLATO\_CONFIG\_MANAGED\_SERVER\_NAME" | cut -d'=' -f2` fi

```
if [ "${SERVER_NAME}" = "${PLATO_CONFIG_MANAGED_SERVER_NAME}" ] ; then
```

```
# This will get executed only for Plato-config service entries
```

config\_file="\${plato\_config\_file}"

else

# This will get executed for all other services

```
config_file="${domain_config_file}"
```

```
fi
```

```
if [ -f "$config_file" ]
```

then

```
while read -r prop || [ -n "$prop" ]
```

do

```
case "$prop" in \#*) continue ;; esac
```

```
if [ -z "${prop}" ]; then
```

continue

else

```
PLACEHOLDERS=${PLACEHOLDERS}" "$(echo -D$prop)
```

```
PLACEHOLDERS="${PLACEHOLDERS}"
```

fi



done < "\$config\_file"

else

echo "\$config\_file not found. please provide the property file to set -D parameter"

exit 1

fi

PLACEHOLDERS="\${PLACEHOLDERS}"

JAVA OPTIONS="\${	JAVA OPTIONS	\${PLACEHOLDERS}"

export JAVA\_OPTIONS

echo "\${JAVA\_OPTIONS}"

- 2. Place the **env** files containing all the key value pairs of the **-D params** in the respective <domain>/env folder.
  - **NOTE:** The plato-config-deploy.env file contains all the key value pairs specific only to the plato-config-service and need to be placed in the bin folder of the plato-domain. The domain-config-deploy.env file contains the key-value pairs for the rest of the services and should be placed in each <domain>/bin folder.

The sample for each of the files are given below:

#### plato-config-deploy.env

### Managed server name of plato-config service ###

PLATO\_CONFIG\_MANAGED\_SERVER\_NAME=

### plato config flyway connection entries ###

flywayTask=migrate

flyway.enabled=true

spring.flyway.enabled=false

plato-config.flyway.domain.db.username=

plato-config.flyway.domain.db.password=

plato-config.flyway.domain.db.jdbcUrl=

plato-config.flyway.domain.schemas=

plato-

config.flyway.domain.locations=db/migration/domain/plato,db/migration/domain/sms,db/migration/domain/cmc,db/migration/domain/obvam

#### Kafka properties for all services ####

flyway.domain.placeholders.plato.eventhub.broker.hosts=

flyway.domain.placeholders.plato.eventhub.zookeper.hosts=

### common entries for all services ###

flyway.domain.placeholders.driver.className=oracle.jdbc.driver.OracleDriver

### eureka entries for all services ###

flyway.domain.placeholders.eureka.host=



flyway.domain.placeholders.eureka.port=

### zipkin entries for all services ###
flyway.domain.placeholders.zipkin.host=
flyway.domain.placeholders.zipkin.port=

### plato config flyway placeholder entries ###
flyway.domain.placeholders.plato-config.username=
flyway.domain.placeholders.plato-config.jdbcUrl=
flyway.domain.placeholders.plato-config.sessionIdleTimeout=
flyway.domain.placeholders.plato-config.sessionIdleWarningTime=
flyway.domain.placeholders.plato-config.environment=

### plato api-gateway flyway placeholder entries ###
flyway.domain.placeholders.api-gateway.host=
flyway.domain.placeholders.api-gateway.username=
flyway.domain.placeholders.api-gateway.password=
flyway.domain.placeholders.api-gateway.schemas=
flyway.domain.placeholders.plato-api-gateway.server.port=

### plato api-gateway LDAP flyway placeholder entries ### flyway.domain.placeholders.USER.STORE= flyway.domain.placeholders.LDAP.CORS.allowed.origin= flyway.domain.placeholders.LDAP.credential.SALT= flyway.domain.placeholders.JWT.EXPIRY.seconds= flyway.domain.placeholders.LDAP.url= flyway.domain.placeholders.LDAP.userId= flyway.domain.placeholders.LDAP.server.base= flyway.domain.placeholders.LDAP.server.credential= flyway.domain.placeholders.LDAP.usersearch.base= flyway.domain.placeholders.LDAP.user.prefix= # Allowed values for LDAP provider are: EMBEDDED\_WEBLOGIC, PLATO # If LDAP is running in weblogic then value should be EMBEDDED WEBLOGIC # If spring based LDAP(which is run through a jar provided) is used, then the value should be PLATO flyway.domain.placeholders.LDAP.provider= flyway.domain.placeholders.TOKEN.autoregenerate= flyway.domain.placeholders.SSO.enabled=



flyway.domain.placeholders.TOKEN.regeneration.enabled=

### plato-ui-config flyway placeholder entries ###
flyway.domain.placeholders.plato-ui-config.username=
flyway.domain.placeholders.plato-ui-config.jdbcUrl=
flyway.domain.placeholders.plato-ui-config.schemas=
flyway.domain.placeholders.plato-ui-config-services.server.port=
flyway.domain.placeholders.apigateway.host=
flyway.domain.placeholders.apigateway.port=

### plato-discovery flyway placeholder entries ###
flyway.domain.placeholders.plato-discovery-service.server.port=

### plato-orch flyway placeholder entries ###
flyway.domain.placeholders.plato-orch-service.server.port=
flyway.domain.placeholders.plato-orchestrator.hostname=

### plato-feed flyway placeholder entries ###
flyway.domain.placeholders.plato-feed-services.username=
flyway.domain.placeholders.plato-feed-services.jdbcUrl=
flyway.domain.placeholders.plato-feed-services.jndi=jdbc/PLATOFEED
flyway.domain.placeholders.plato-feed-services.schemas=
flyway.domain.placeholders.plato-feed-services.feed.upload.directory=
flyway.domain.placeholders.plato-feed-services.server.port=

### plato-batch flyway placeholder entries ###
flyway.domain.placeholders.plato-batch-server.username=
flyway.domain.placeholders.plato-batch-server.password=
flyway.domain.placeholders.plato-batch-server.jdbcUrl=
flyway.domain.placeholders.plato-batch-server.schemas=
flyway.domain.placeholders.plato-batch-server.port=
flyway.domain.placeholders.plato-batch-server.plato.eventhub.kafka.brokers=
flyway.domain.placeholders.plato-batch-server.plato.eventhub.kafka.brokers=
flyway.domain.placeholders.plato-batch-server.plato.eventhub.zk.nodes=
flyway.domain.placeholders.plato-batch-server.plato.eventhub.zk.nodes=

### plato-alerts-management flyway placeholder entries ###
flyway.domain.placeholders.plato-alerts-management-services.username=
flyway.domain.placeholders.plato-alerts-management-services.jdbcUrl=
flyway.domain.placeholders.plato-alerts-management-services.schemas=



flyway.domain.placeholders.plato-alerts-management-services.server.port=

### sms flyway placeholder entries ### flyway.domain.placeholders.sms-core-services.server.port= flyway.domain.placeholders.sms.username= flyway.domain.placeholders.sms.password= flyway.domain.placeholders.sms.jdbcUrl= flyway.domain.placeholders.sms.schemas= ### cmncore flyway placeholder entries ### flyway.domain.placeholders.cmncore.username= flyway.domain.placeholders.cmncore.password= flyway.domain.placeholders.cmncore.jdbcUrl= flyway.domain.placeholders.cmncore.schemas= flyway.domain.placeholders.cmc-corebanking-adapter-service.server.port= flyway.domain.placeholders.cmc-currency-services.server.port= flyway.domain.placeholders.cmc-account-services.server.port= flyway.domain.placeholders.cmc-base-services.server.port= flyway.domain.placeholders.cmc-external-virtual-account-services.server.port= flyway.domain.placeholders.cmc-branch-services.server.port= flyway.domain.placeholders.cmc-customer-services.server.port= flyway.domain.placeholders.cmc-external-chart-account-services.server.port= flyway.domain.placeholders.cmc-external-system-services.server.port= flyway.domain.placeholders.cmc-advice-services.server.port= flyway.domain.placeholders.cmc-facilities-services.server.port= flyway.domain.placeholders.cmc-txn-code-services.server.port= flyway.domain.placeholders.cmc-settlement-services.server.port= flyway.domain.placeholders.cmc-businessoverrides-services.server.port= flyway.domain.placeholders.cmc-resource-segment-orchestrator-service.server.port= flyway.domain.placeholders.cmc-screenclass-services.server.port= flyway.domain.placeholders.cmc-datasegment-services.server.port= flyway.domain.placeholders.cmc-settlements-services.server.port= flyway.domain.placeholders.cmc-transactioncontroller-services.server.port= flyway.domain.placeholders.cmc-report-services.server.port= flyway.domain.placeholders.cmc-nlp-annotator-services.server.port= flyway.domain.placeholders.cmc-nlp-dashboard-widget-services.server.port= flyway.domain.placeholders.cmc-nlp-model-mngmnt-services.server.port= flyway.domain.placeholders.cmc-nlp-online-processing-services.server.port= flyway.domain.placeholders.cmc-nlp-tag-maint-services.server.port= flyway.domain.placeholders.cmc-nlp-text-extraction-services.server.port=



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flyway.domain.placeholders.cmc-nlp-txn-log-services.server.port= flyway.domain.placeholders.cmc-nlp-util-services.server.port= flyway.domain.placeholders.cmc-fc-ai-ml-services.server.port= flyway.domain.placeholders.cmc-fc-ai-ml-services.postingPath= flyway.domain.placeholders.cmc-fc-ai-ml-services.pollingEmail= flyway.domain.placeholders.cmc-fc-ai-ml-services.emailServerPort= flyway.domain.placeholders.cmc-fc-ai-ml-services.emailServerPort= flyway.domain.placeholders.cmc-fc-ai-ml-services.emailServerHost= flyway.domain.placeholders.cmc-fc-ai-ml-services.pollingFrequency= flyway.domain.placeholders.cmc-fc-ai-ml-services.pollerInitialDelay= flyway.domain.placeholders.cmc-fc-ai-ml-services.emailPassword= flyway.domain.placeholders.cmc-fc-ai-ml-services.pollingPath=

### biPublisher related cmc-report-service entries ###
flyway.domain.placeholders.weblogic.userid=
flyway.domain.placeholders.weblogic.password=
flyway.domain.placeholders.biPublisher.host=
flyway.domain.placeholders.biPublisher.port=
flyway.domain.placeholders.runReportTemplate=
flyway.domain.placeholders.dms.host=
flyway.domain.placeholders.dms.host=
flyway.domain.placeholders.dms.port=

### flyway jndi connection details for shared services placeholder entries ###
flyway.domain.placeholders.plato.jndi=jdbc/PLATO
flyway.domain.placeholders.plato-config.jndi=jdbc/PLATO\_SECURITY
flyway.domain.placeholders.plato-ui-config.jndi=jdbc/PLATO\_UI\_CONFIG
flyway.domain.placeholders.sms.jndi=jdbc/sms
flyway.domain.placeholders.cmncore.jndi=jdbc/CMNCORE

### flyway jndi connection details for obvam services placeholder entries ###
flyway.domain.placeholders.eie.jndi=jdbc/EIE
flyway.domain.placeholders.eie.server.port=
flyway.domain.placeholders.eie.schemas=

flyway.domain.placeholders.elm.jndi=jdbc/ELM flyway.domain.placeholders.elm.server.port= flyway.domain.placeholders.elm.schemas=

flyway.domain.placeholders.vam.jndi=jdbc/VAM flyway.domain.placeholders.vam.server.port=



flyway.domain.placeholders.vam.schemas=

flyway.domain.placeholders.vac.jndi=jdbc/VAC flyway.domain.placeholders.vac.server.port= flyway.domain.placeholders.vac.schemas=

flyway.domain.placeholders.vab.jndi=jdbc/VAB flyway.domain.placeholders.vab.server.port= flyway.domain.placeholders.vab.schemas=

flyway.domain.placeholders.vae.jndi=jdbc/VAE flyway.domain.placeholders.vae.server.port= flyway.domain.placeholders.vae.schemas=

flyway.domain.placeholders.eda.jndi=jdbc/EDA flyway.domain.placeholders.eda.server.port= flyway.domain.placeholders.eda.schemas=

flyway.domain.placeholders.vai.jndi=jdbc/VAI flyway.domain.placeholders.vai.server.port= flyway.domain.placeholders.vai.schemas=

flyway.domain.placeholders.van.jndi=jdbc/VAN flyway.domain.placeholders.van.server.port= flyway.domain.placeholders.van.schemas=

flyway.domain.placeholders.vap.jndi=jdbc/VAP flyway.domain.placeholders.vap.server.port= flyway.domain.placeholders.vap.schemas=

flyway.domain.placeholders.vas.jndi=jdbc/VAS flyway.domain.placeholders.vas.server.port= flyway.domain.placeholders.vas.schemas=

flyway.domain.placeholders.vat.jndi=jdbc/VAT flyway.domain.placeholders.vat.server.port= flyway.domain.placeholders.vat.schemas=

flyway.domain.placeholders.vaj.server.port=

### generic entries for all services ###
spring.cloud.config.uri=
apigateway.url=
service.logging.environment=
service.logging.path=



### domain-config-deploy.env

### domain config flyway connection entries ###
flywayTask=migrate
flyway.enabled=true
spring.flyway.enabled=false
### generic entries for all services ###
spring.cloud.config.uri=
apigateway.url=
service.logging.environment=
service.logging.path=

## 1.3 How to Create Domain and Cluster Configuration

This section contains the following sub-sections:

- Domain Creation Configuration
- Post Domain Creation Configurations

## 1.3.1 Domain Creation Configuration

Perform the following steps for domain and cluster configuration:

**NOTE:** Name need not to be same as provided in Screenshot.

 Open /oracle\_common/common/bin and run config.cmd (or .sh if operating system is linux). Create domain with required cluster and server configurations. Refer to the screenshots below.



2. Select Create a new domain and provide domain name. For example, platoinfra\_domain.

Fusion Middleware Configuration	n Wizard - Page 1 of 8	-	- 🗆 🗙
Configuration Type			
🔍 Create Domain			
A Templates			
Administrator Account			
Domain Mode and JDK			
Advanced Configuration			
Configuration Summary			
Configuration Progress	What do you want to do?		
End Of Configuration	⊙ <u>C</u> reate a new domain		
	Update an existing domain		
	Domain Location:		Browse
Help		< Back Next > Ein	ish Cancel

3. Click **Next** to create simple domain with default templates.

Fusion Middleware Configuration	Wizard - Page 2 of 8
Templates	
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Configuration Summary Configuration Progress End Of Configuration	• Create Domain Using Product Templates:              Filter Templates:            Type here          Indude all gelected templates           Available Templates:              Available Templates:           Oracle Enterprise Manager - 12.2.1.3.0 [wl/server] *           Oracle Enterprise Manager - 12.2.1.3.0 [em]           Oracle Enterprise Manager - 12.2.1.3.0 [em]           Oracle Enterprise Manager - 12.2.1.3.0 [em]           Oracle User Messaging Service Basic - 12.2.1.3.0 [oracle_common]           Oracle User Messaging Service asic - 12.2.1.3.0 [oracle_common]           Oracle JRF SOAP/JMS Web Services - 12.2.1.3.0 [oracle_common]           Oracle RAS Session Service - 12.2.1.3 [oracle_common]           Oracle RAS Session Service S for JAX-WS Extension - 12.2.1.3 [oracle_common]           MT - Oracle OPSS REST Service Application - 12.2.1.3 [oracle_common]           Oracle OPSS REST Service Application - 12.2.1.3 [oracle_common]           Create Domain Using Custom Template:           Template location:            Description:           Description:
Help	< <u>Back</u> <u>■ext</u> > <u>Finish</u> Cancel



4. Set password and confirm, click **Next** to proceed.

Fusion Middleware Configuration	Wizard - Page 3 of 8	-		
Administrator Account				
Create Domain				
Templates				
Administrator Account				
<ul> <li>Domain Mode and JDK</li> </ul>				
Advanced Configuration				
Configuration Summary				
Configuration Progress				
O End Of Configuration	Name			
	Password			
	Confirm Password			
	Must be the same as the password. Pass	word must contain at le	ast 8 alphanumeric characters with	at least one number
Help	L		< <u>Back Next &gt; Einis</u>	sh Cancel

5. Select **Domain Mode** as **Production** and select **JDK**.

Eusion Middleware Configuration	Wizard - Page 4 of 8
Domain Mode and JDK	
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Configuration Summary Configuration Progress End Of Configuration	Domain Mode
Help	< Back Next > Einish Cancel



6. Select Administration Server and Topology in advanced configurations.

Fusion Middleware Configuration	Wizard - Page 5 of 15	
Advanced Configuration		
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Advanced Configuration Administration Server Managed Servers Clusters Server Templates Machines Virtual Targets Partitions Configuration Summary Configuration Progress End Of Configuration	<ul> <li>Administration Server Modify Settings</li> <li>Node Manager Configure Node Manager</li> <li>Topology Add, Delete or Modify Settings for Managed Servers, Clusters, Virtual Targets and Coherence</li> </ul>	
Help	< <u>Back</u> Einis	h Cancel

7. Edit the port and host configurations as required and click **Next**.

Fusion Middleware Configuration	Wizard - Page 6	of 15	
Administration Server			
Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Administration Server Managed Servers Clusters Server Templates Server Templates Machines Virtual Targets Partitions Configuration Summary Configuration Progress End Of Configuration	Server Name Listen Address Listen Port Enable SSL SSL Listen Port	AdminServer All Local Addresses 7001 Tool to be null or empty and may not contain any : , = *?%/_doned.	
Help		< <u>Back</u> Next >	Einish Cancel



8. Add managed servers and provide meaningful **Server Name**, edit listen address and port as required.

Fusion Middleware Configuration	on Wizard - Page 7 of 15			-	
Managed Servers					
T Create Domain Templates	- Add Clone	X Delete		9	Dis <u>c</u> ard Changes
Administrator Account     Domain Mode and IDK	Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port
	Config_Server	All Local Addresses	7003		Disabled
	Discovery_Server	All Local Addresses	7004		Disabled
Administration Server	Api_Gateway_Server	All Local Addresses	7005		Disabled
Managed Servers	Plato_UI_Config_Server	All Local Addresses	7006		Disabled
<u>Clusters</u>	Plato_Orch_Server	All Local Addresses	7007		Disabled
<ul> <li>Server Templates</li> </ul>	Plato_Feed_Server	All Local Addresses	7008		Disabled
Machines	Plato_Batch_Server	All Local Addresses	7009		Disabled
	plato_Alerts_Management_Se	All Local Addresses	7010		Disabled
Partitions     Configuration Summary     Configuration Progress     End Of Configuration					
Help			< <u>B</u> ack <u>N</u> e	ext > Einis	h Cancel



9. Add clusters one for each managed servers.

Clusters					
K <u>Create Domain</u>	. 🖶 Add 🗙 D	elete			Dis <u>c</u> ard Changes
Administrator Account	Cluster Name	Cluster Address	Frontend Host	Frontend HTTP Port	Frontend HTTPS P
Domain Mode and JDK	Config_Cluster			0	
Advanced Configuration	Discovery_Cluster			0	
Administration Server	Api_Gateway_Cluster			0	
Managed Services	Plato_UI_Config_Clust			0	
Managed Servers	Plato_Orch_Cluster			0	
Clusters	Plato_Feed_Cluster			0	
Server Templates	Plato_Batch_Cluster			0	
Dynamic Servers	'lato_Alerts_Managem			0	
Assign Servers to Clusters					
Machines					
Virtual Targets					
Partitions					
Configuration Summary					
Configuration Progress					
End Of Configuration					

10. Skip Server Templates and Dynamic Servers.

Eusion Middleware Configuration	Wizard - Page 9 of 17	- Income and a second	a summer summer	
Server Templates				
Templates	👍 Add 🛛 💥 Dele	te		Discard Changes
<u>Administrator Account</u>	Name	Listen Port	SSL Listen Port	Enable SSL
Domain Mode and JDK				
Advanced Configuration				
Managed Servers				
φ <u>Clusters</u>				
Server Templates				
Dynamic Servers				
Assign Servers to Clusters				
<u>Machines</u>				
Virtual Targets				
Partitions				
Configuration Progress				
Configuration				
Help			< Back Next >	Einish Cancel



11. Assign clusters with servers.

Fusion Middleware Configuration	Wizard - Page 11 of 17		– 🗆 X
Assign Servers to Clusters			
🔎 Create Domain	Servers		Clusters
Templates         Administrator Account         Domain Mode and JDK.         Advanced Configuration         Advanced Configuration         Advanced Configuration         Administration Server.         Managed Servers         Clusters         Server Templates         Dynamic Servers         Machines         Virtual Targets         Partitions         Configuration Progress         End Of Configuration	Select <b>one or more</b> servers in the left pane and <b>one</b> clu assign the server or servers to the cluster.	S and a second s	<ul> <li>Cluster</li> <li>Api_Gateway_Cluster</li> <li>Server</li> <li>Api_Gateway_Server</li> <li>Config_Cluster</li> <li>Server</li> <li>Config_Server</li> <li>Discovery_Cluster</li> <li>Server</li> <li>Discovery_Cluster</li> <li>Server</li> <li>Plato_Alerts_Management_Cluster</li> <li>Server</li> <li>Plato_Alerts_Management_Server</li> <li>Server</li> <li>Plato_Batch_Cluster</li> <li>Server</li> <li>Plato_Feed_Cluster</li> <li>Server</li> <li>Plato_Feed_Server</li> <li>Server</li> <li>Server</li> <li>Plato_Orch_Cluster</li> <li>Server</li> <li>Server</li> <li>Server</li> <li>Plato_Feed_Server</li> <li>Server</li> <li>Server</li> <li>Plato_Orch_Cluster</li> <li>Server</li> <li>Plato_Orch_Server</li> <li>Network</li> <li>Server</li> <li>Se</li></ul>
Help			< Back Next > Einish Cancel

12. Add Machine/Unix Machine based on operating system and configure Name, Node Manager Listen Address and Node Manager Listen Port as required.

Fusion Middleware Configuration	Wizard - Page 13 of 19		- 🗆 X
Machines			
Create Domain Templates Administrator Account	Machine Unix Machine		Discard Changes
Domain Mode and JDK	Name	Node Manager Listen Address	Node Manager Listen Port
Advanced Configuration	new_Machine_1	localhost 👻	5556
Administration Server			
<u>Node Manager</u>			
Managed Servers			
<ul> <li><u>Clusters</u></li> </ul>			
Server Templates			
Dynamic Servers			
Assign Servers to Clusters			
Machines			
Assign Servers to Machines			
<ul> <li><u>Virtual Targets</u></li> </ul>			
Partitions			
Configuration Summary	* *		
Configuration Progress			
End Of Configuration			
Help		< Back Nex	t > Einish Cancel



13. Map all managed servers under the machine created.

Eusion Middleware Configuration	Wizard - Page 13 of 18	- 🗆 X
Assign Servers to Machines		
Assign Servers to Machines Create Domain Templates Administrator Account Domain Mode and JDK Advanced Configuration Administration Server Managed Servers Clusters Server Templates Dynamic Servers Assign Servers to Clusters Machines Assign Servers to Machines	Servers	CORACCE         FUSION MIDDLEWARE         Machine         Machine         Platoinfra_Machine         AdminServer         Api_Gateway_Server         Config_Server         Data_Alerts_Management_Server         Plato_Batch_Server         Plato_Feed_Server         Plato_Orch_Server         Plato_UI_Config_Server
<u>Virtual Targets</u> <u>Partitions</u> <u>Configuration Summary</u>		
Configuration Progress	Select <b>one or more</b> servers in the left pane and <b>one</b> m to assign the server or servers to the machine.	nachine in the right pane. Then use the right arrow button (>)
Help		< <u>Back</u> Next > Einish Cancel

14. Skip or configure Virtual Targets and Partitions as required.

Fusion Middleware Configuration	Wizard - Page 14 of 18	*	_	and have		
Virtual Targets						
Create Domain	Add 🗶	<u>elete</u>			🔊 Dis <u>c</u> ard	Changes
Administrator Account	Name	Target	Host Names	URI Prefix	Explicit Port	Port Offset
Domain Mode and JDK		1				
Advanced Configuration						
<u>Administration Server</u>						
Managed Servers						
Ulusters						
Server Templates						
Unamic Servers						
Assign Servers to Clusters						
Machines						
Assign Servers to Machines						
Virtual Targets						
Partitions						
Configuration Summary						
Configuration Progress						
O End Of Configuration						
	·		<	Back Next >	Einish	Cancel



Fusion Middleware Configuration	Wizard - Page 15 of 18	-	and the second s	X
Partitions		FUS		
Templates	Add X Delete		9	Discard Changes
<u>Administrator Account</u>	Name	e		
Domain Mode and JDK				
Advanced Configuration				
Administration Server				
Managed Servers				
Ulusters				
<ul> <li>Server Templates</li> </ul>				
Unamic Servers				
Assign Servers to Clusters				
<u> </u>				
<u>Assign Servers to Machines</u>				
<u> </u>				
Partitions				
Configuration Summary				
Configuration Progress				
Help		< <u>B</u> ack	<u>N</u> ext > Ein	ish Cancel

15. Check the **Configuration Summary** and confirm creating domain.

Configuration Summary		
Create Domain	View: Deployment	Name Basic WebLogic Server Domain
Templates	platoinfra_domain (C:\Users\ags\Documents\Oracle\Mit	Description Create a basic WebLogic Server domain
Administrator Account	🖃 🗁 Server	Auchor Oracle Corporation
	Config_Server	Location Gra
Domain Mode and JDK	Discovery_Server	
Advanced Configuration	Api_Gateway_Server	
Administration Server	Plato_UI_Config_Server	
Administration Derver	Plato_Orch_Server	
Managed Servers	Plato_Feed_Server	
Clusters	Plato_Batch_Server	
Comment Termilation	Plato_Alerts_Management_Server	
<u>Server remplaces</u>	🖃 🧁 AdminServer	
Dynamic Servers	AdminServer	
Assian Servers to Clusters	🖃 🗁 Cluster	
T	Config_Cluster	
Machines	Discovery_Cluster	
Assign Servers to Machines	Api_Gateway_Cluster	
Virtual Targets	Plato_UI_Config_Cluster	
	] Plato_Orch_Cluster	
Partitions	Plato_Feed_Cluster	
Configuration Summary	Plato_Batch_Cluster  Plato_Batch_Cluster	
Configuration Descences	Plato_Alerts_Management_Cluster	
<ul> <li>End Of Configuration</li> </ul>	Select <b>Lreate</b> to accept the above options and start creat configuration before starting Domain Creation, go back to l using the <b>Back</b> button.	ung and conriguring a new domain. To change the above the relevant page by selecting its name in the left pane, or by



Fusion Middleware Configuration	Wizard - Page 17 of 18	X
Configuration Progress		
Create Domain		
C Templates	100%	
Administrator Account	✓ Copy Unprocessed Artifacts	
O Domain Mode and JDK	Security Processing	
Advanced Configuration	String Substitution	
Administration Server	Post Processing	
Managed Servers		
Clusters		
Server Templates		
O Dynamic Servers		
Assign Servers to Clusters		
U Machines		
Assign Servers to Machines		
Virtual Targets		
Partitions		
Configuration Summary		
Configuration Progress		
End Of Configuration		
Help	< Back Next >	Einish Cancel

16. Click **Finish** to complete the procedure.

Fusion Middleware Configuration	Wizard - Page 18 of 18	and senter the	X
End Of Configuration			
<ul> <li>Create Domain</li> <li>Templates</li> <li>Administrator Account</li> <li>Domain Mode and JDK</li> <li>Advanced Configuration</li> <li>Administration Server</li> <li>Managed Servers</li> <li>Clusters</li> <li>Server Templates</li> <li>Dynamic Servers</li> <li>Assign Servers to Clusters</li> <li>Machines</li> <li>Assign Servers to Machines</li> <li>Virtual Targets</li> <li>Partitions</li> <li>Configuration Summary</li> <li>Configuration Progress</li> <li> <ul> <li>End Of Configuration</li> </ul> </li> </ul>	Oracle Weblogic Server Configuration Succeeded New Domain platoinfra_domain Creation Succeeded Domain Location Admin Server URL		
Help		Back Next > Fini	sh Cancel



## 1.3.2 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. Open /user\_projects/domain/platoinfra\_domain/bin
- 2. Perform all the Environment Setup steps such as setting -D parameters, Embedded Weblogic Setup and changes required for OAuth.
- 3. Run startWeblogic.cmd (or .sh if operating system is linux).
- 4. Open /user\_projects/domains/platoinfra\_domain/bin.
- 5. Run setNMJavaHome.cmd (or .sh if operating system is linux).
- 6. Open /user\_projects/domains/platoinfra\_domain/nodemanager.
- 7. Edit **nodemanager.properties** as required (securelistner = false if ssl and keystore is not given).
- 8. In admin console, select the following options in sequential order:
  - a. Machines
  - b. platoinfra\_Machine
  - c. Node Manager
  - d. Type
  - e. Plain
  - f. Save
- 9. Open /user\_projects/domains/platoinfra\_domain/bin.
- 10. Run startNodeManager.cmd (or .sh if operating system is linux )
- 11. Start all managed servers.
- 12. Login to console and verify servers and clusters. Refer to the screenshots below:

delete items in this domain.	Con	figuration	Control						
Lock & Edit	Con	inguration	Condior						
Poloseo Configuration									
Release Conliguration	A	A server is an instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration.							
Domain Structure	-								
elateiefra demaie	10	is page sumi	nanzes each server that has been	configured in tr	e current weblogic server domain.				
Platonnia_domain	25								
E-Environment	C2								
Servers									
Clusters	₽ C	ustomize ti	his table						
Coherence Clusters	Se	ervers (Filte	red - More Columns Exist)						
Resource Groups									
Resource Group Templates	a	ick the <i>Lock</i>	& Edit button in the Change Cent	ter to activate a	I the buttons on this page.				
Machines		Clone	Delete					Chaudea 1 to 0 of	0 Devulous   Next
Virtual Hosts		Vevv Clotte	Delete		r		,	Showing 1 to 9 of	9 Previous   Next
Work Managers		Name 4	5	Туре	Cluster	Machine	State	Health	Listen Port
Concurrent Templates			-						
Resource Management		AdminSe	rver(admin)	Configured		platoinfra_Machine	RUNNING	🖋 ОК	7001
How do I		Api_Gate	way_Server	Configured	Api_Gateway_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7005
Create Managed Servers		Config_S	erver	Configured	Config_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7003
Clone servers		Discover	y_Server	Configured	Discovery_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7004
Delete Managed Servers		Plato_Ale	erts_Management_Server	Configured	Plato_Alerts_Management_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7010
Delete the Administration Server		Plato_Ba	tch_Server	Configured	Plato_Batch_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7009
<ul> <li>Start and stop servers</li> </ul>		Plato_Fe	ed_Server	Configured	Plato_Feed_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7008
View objects in the JNDI tree	C	Plato_On	ch_Server	Configured	Plato_Orch_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7007
System Status		Plato_UI	_Config_Server	Configured	Plato_UI_Config_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7005
Health of Running Servers as of 6:00 PM	D	New Clone	Delete					Showing 1 to 9 of	9 Previous   Next



Change Center	🟦 н	lome Log Out Preferences 🔛 Reco	ord Help	Q			Welcome,	Connected to: platoinfra_do	main	
View changes and restarts	Hom	e >Summary of Deployments >Summary	of Servers >Summar	ry of Clusters					1	
Click the Lock & Edit button to modify, add or delete items in this domain.	Summ	nary of Clusters	ary of Clusters							
Lock & Edit Release Configuration	This	is page summarizes the clusters that h	sage summarizes the clusters that have been configured in the current WebLogic Server domain.							
	Ad	luster defines groups of WebLogic Ser	ver servers that wor	:k together to increase scalabil	ity and reliability.				1	
Domain Structure									1	
platoinfra_domain	Clur	stomize this table sters (Filtered - More Columns Ex	dst)							
Servers	Click	k the <i>Lock &amp; Edit</i> button in the Chan	ge Center to activat	e all the buttons on this page.					- P	
Coherence Clusters	Ne	ew v Clone Delete					Showing 1 to 8 of 8 Previous   Next			
Resource Group Templates		Name 🏟	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Channel	s	
Virtual Hosts		Api_Gateway_Cluster	L!	Unicast	Database	Round Robin	(None)		A	
		Config_Cluster		Unicast	Database	Round Robin	(None)		С	
Concurrent Templates		Discovery_Cluster		Unicast	Database	Round Robin	(None)		D	
- Resource Management		Plato_Alerts_Management_Cluster		Unicast	Database	Round Robin	(None)		P	
How do I		Plato_Batch_Cluster		Unicast	Database	Round Robin	(None)		P	
Configure clusters		Plato_Feed_Cluster		Unicast	Database	Round Robin	(None)		P	
Assign server instances to clusters		Plato_Orch_Cluster		Unicast	Database	Round Robin	(None)		P	
Configure server migration in a cluster     Configure cross-cluster replication		Plato_UI_Config_Cluster		Unicast	Database	Round Robin	(None)		Р	
Conligue closs-cluster replication	Ne	w v Clone Delete					Sho	wing 1 to 8 of 8 Previous   New	ĸt	

Change Center	🟦 Home Log Out Preferences 🔤 Record Help	Welcome,	Connected to: platoinfra_domain				
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of Clusters >Summary of Clusters >Summary $($	nary of Machines					
Click the Lock & Edit button to modify, add or delete items in this domain.	xk & £dt button to modify, add or sin this domain. Summary of Machines						
Lock & Edit A machine is the logical representation of the computer that hosts one or more Weblogic Server instances (servers). WebLogic Server uses configured machine names to determine the opti server in a cluster to which certain tasks, such as HTTP session replication, are delegated. The Administration Server uses the machine definition in conjunction with Node Manager to start remote servers.							
Domain Structure	This page displays key information about each machine that has been configure	ed in the current WebLogic Server domain.					
platolifica_domain	Customize this table     Machines     Click the Lock & Edit button in the Change Center to activate all the buttons o	n this page.					
Resource Groups Resource Group Templates	New Clone Delete		Showing 1 to 1 of 1 Previous   Next				
Machines Virtual Hosts Virtual Targets	Name 🔅	Type					
Work Managers     Concurrent Templates     Resource Mananement	New Clone Delete	Proc. line	Showing 1 to 1 of 1 Previous   Next				
How do I							



# 1.4 How to Create Datasource

Perform the following steps to create data source:

- 1. Start AdminServer, Node Manager and make sure all the managed servers (targets) are in running mode.
- 2. Select the following options in sequential order:
  - a. Services
  - b. Datasources
  - c. New
  - d. Generic Datasource

View changes and restarts	
Click the Lock & Edit button to modify, add o delete items in this domain.	r
Lock & Edit	
Release Configuration	
Domain Structure	
platoinfra_domain	1
Domain Partitions	
Environment	
Deployments	
E- Services	
■ Messaging	
Data Sources	
Persistent Stores	
Foreign JNDI Providers	
Work Contexts	
XML Registries	
XML Entity Caches	
јСОМ	
and the second and the second s	

View changes and restarts	Home >Summary of	of Deployments >Sur	mmary of Servers > <b>Sum</b>	mary of JDBC Data Sources		
No pending changes exist. Click the Release	Summary of JDB	C Data Sources				
domain.	Configuration	Monitoring				
Lock & Edit						
Release Configuration	A JDBC data sou database conner	urce is an object bo ction from a data s	und to the JNDI tree to ource.	hat provides database connectivity	through a pool of JDBC connections. Applications can look up	a data source on th
Domain Structure	This page summ	narizes the JDBC da	ta source objects that	have been created in this domain.		
Browning Bornian ⊕ - Domain Partitions ⊕ - Environment → Deployments ⊕ - Services ⊕ - Messaaina	Customize this Data Sources (I New v Dele	s table Filtered - More C	olumns Exist)			
	Generic Data S	iource		Туре	JNDI Name	Targets
Work Contexts	Multi Data Sou	a Source There are no items to display				
XML Registries XML Entity Caches	Proxy Data Sou	urce				
jCOM Mail Sessions	UCP Data Sour	ce				



3. Give datasource Name and JNDI Name, and click Next.

Create a New JDBC Data Source							
Back Next Finish Cancel							
JDBC Data Source Properties							
The following properties will be used to id	entify your new JDBC data source.						
* Indicates required fields							
What would you like to name your new JDE	3C data source?						
🎒 * Name:	PLATO	]					
What scope do you want to create your dat	a source in ?						
Scope:	Global <b>*</b>						
What JNDI name would you like to assign t	o your new JDBC Data Source?						
🚝 JNDI Name:							
jdbc/PLATO							
What database type would you like to select?							
Database Type:	Oracle •						
Back Next Finish Cancel							

4. Select Thin for Service Connections (Instant) and click Next.

Create a New JDBC Data Source						
Back Next Finish	Cancel					
JDBC Data Source Prope	erties					
The following properties wi	Il be used to identify your new JDBC data source.					
Database Type:	Oracle					
What database driver would	you like to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WebLogic Server.					
Database Driver:	*Oracle's Driver (Thin) for Service connections; Versions:Any					
Back Next Finish	Cancel					



5. Uncheck support for Global Transactions.

Home >Summary of Deployments >Summary of Servers >Summary of JDBC Data Sources
Create a New JDBC Data Source
Back Next Finish Cancel
Transaction Options
You have selected non-XA JDBC driver to create database connection in your new data source.
Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.
Supports Global Transactions
Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the Logging Last Resource (LLR) transaction optin Emulate Two-Phase Commit.
Cogging Last Resource
Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your appl conditions.
Emulate Two-Phase Commit
Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. Wi can participate in the global transaction.
One-Phase Commit
Back Next Finish Cancel

6. Give database connection details and click **Next** to test connection.

Home >Summary of Deployments >Summary of Servers >Summary of JDBC Data Sources								
Create a New JDBC Data Source								
Back Next Finish Cancel								
Connection Properties								
Define Connection Properties.								
What is the name of the database you would like to con	nect to?							
Database Name:	Database Name:							
What is the name or IP address of the database server?								
Host Name:								
What is the port on the database server used to connect	t to the database?							
Port:								
What database account user name do you want to use t	o create database connections?							
Database User Name:								
What is the database account password to use to create	database connections?							
Password:	••••••							
Confirm Paceword								
Commin Password.								
Additional Connection Properties:								
oracle.jdbc.DRCPConnectionClass:	oracle_idbc_DRCPConnectionClass:							



Home >Summary of Deployments >S	ummary of Servers >Summary of JDBC Data Sources						
<ul> <li>Connection test succeede</li> </ul>	d						
Create a New JDBC Data Source							
Test Configuration Back N	ext Finish Cancel						
Test Database Connection Test the database availability and	Test Database Connection Test the database availability and the connection properties you provided.						
What is the full package name of 3	DBC driver class used to create database connections in the connection pool?						
(Note that this driver class must b	e in the classpath of any server to which it is deployed.)						
Driver Class Name: oracle.jdbc.OracleDriver							

7. Select targets to deploy data source.

piatoinfra_domain	Servers	
Domain Partitions		
Environment	AdminServer	
Servers		
tel-Clusters		
Coherence Clusters	Clusters	
Resource Groups		
Resource Group Templates	Api_Gateway_Cluster	
Machines	All servers in the cluster	
····Virtual Hosts	Part of the cluster	
Virtual Targets	Api_Gateway_Server	
Work Managers		
Concurrent Templates		
Resource Management	Config_Cluster	
	O All servers in the cluster	
How do I	Part of the cluster	
Combo 1000 annuals data annuas	└── Config_Server	
<ul> <li>Create JDBC generic data sources</li> </ul>		
<ul> <li>Create LLR-enabled JDBC data sources</li> </ul>	✓ Discovery_Cluster	
	All servers in the cluster	
Svetem Statue	Part of the cluster	
System Status	Discovery Server	
Health of Running Servers as of 6:15 PM		
E 4 4 (0)		
Failed (0)	Plato_Alerts_Management_Cluster	
Critical (0)	O All servers in the cluster	
Overloaded (0)	Part of the cluster	
Warning (0)	✓ Plato_Alerts_Management_Server	
OK (1)		
	✓ Plato Batch Cluster	
	All servers in the cluster	
	Part of the cluster	
	Plato Batch Server	
	Plato_Feed_Cluster	
	All servers in the cluster	
Manage In Colora	Part of the cluster	
Microsoft Edge	✓ Plato_Feed_Server	

8. View created **Data Sources**, verify **JNDI Name** and **Targets**.

Summ	ary of JDBC	Data Sou	irces			
Conf	iguration	Monitoring	3			
A JI ther This Cus	A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source. This page summarizes the JDBC data source objects that have been created in this domain.					
Ne	w 🗸 Delet	e		Showing 1 to 1 of 1 Previous   Next		
	Name 🚕	Туре	JNDI Name	Targets		
	PLATO	Generic	jdbc/PLATO	Api_Gateway_Server, Config_Server, Discovery_Server, Plato_Alerts_Management_Server, Plato_Batch_Server, Plato_Feed_Server,		
Ne	w 🗸 Delet	9		Showing 1 to 1 of 1 Previous   Next		



9. Click Activate Changes after confirming details.



## 1.5 How to Deploy Application

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

1. Navigate to left menu and select **Deployments**.

View changes and restarts	Home							
Click the Lock & Edit button to modify, add or delete items in this domain.	Home Page							
Lock & Edit - Information and Resources								
Release Configuration	Helpful Tools	General Information						
	<ul> <li>Configure applications</li> </ul>	<ul> <li>Common Administration Task Descriptions</li> </ul>						
Domain Structure	<ul> <li>Configure GridLink for RAC Data Source</li> </ul>	<ul> <li>Read the documentation</li> </ul>						
platoinfra_domain	<ul> <li>Configure a Dynamic Cluster</li> </ul>	<ul> <li>Ask a question on My Oracle Support</li> </ul>	<ul> <li>Ask a guestion on My Oracle Support</li> </ul>					
Domain Partitions	<ul> <li>Recent Task Status</li> </ul>							
Deployments	<ul> <li>Set your console preferences</li> </ul>	Set your console preferences						
Services     Security Realms	— Domain Configurations —							
- Interoperability	Domain	Resource Group Templates	Interoperability					
l±r-Diagnostics	Domain	<ul> <li>Resource Group Templates</li> </ul>	WTC Servers					
			<ul> <li>Jolt Connection Pools</li> </ul>					
	Domain Partitions	Resource Groups						
	Domain Partitions	<ul> <li>Resource Groups</li> </ul>	Diagnostics					
	Partition Work Managers		Log Files					
		Deployed Resources	Diagnostic Modules					
How do I	Environment	Deployments	<ul> <li>Built-in Diagnostic Modules</li> </ul>					
Search the configuration	Servers		Diagnostic Images					



2. Click on Lock and Edit and then click Install.

	_								
/iew changes and restarts		Home >Summary	of Deploy	ments	1				
to pending changes exist. Click the Release	4	Summary of Deployments							
iomain.	the	Configuration	Control	Monitoring					
Lock & Edit									
Release Configuration		This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then							
omain Structure									
latoinfra_domain	11	To install a new	application	n or module for de	ployment to targets	in this domain,	click Install.		
-Domain Partitions									
Deployments	Tent Customize this table								
P-Services Deployments									
B-Interoperability		Install Upda	te Dele	ete					
B-Diagnostics		Name		State	Health	Туре	Targets	Scone	Domain Partitions
				State	incurcii i	.,,,,,		Scope	Domain Furcheoids
		There are no items to display						/	
		Install Upda	te Dele	ete					
	Home	Summary of Deploy	ments						
View changes and restarts		- to us a second							
No pending changes exist. Click the Release Configuration button to allow others to edit the	Install	Install Application Assistant							
domain.	Back	Next	Cancel						
Release Configuration	Loca	te deployment to ir	istall and p	repare for deployr	nent				
Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can							ant to install. You can also enter the pat		
Domain Structure	direct	tory or file in the Path	tield.						
platoinfra_domain	Note	: Only valid file paths	are displaye	ed below. If you cann	ot find your deployment	files, Upload you	file(s) and/or confirm the	at your application cor	ntains the required deployment descripto
the Domain Partitions									
Deployments	Path								
-Services	Rece	ntiy Used Paths:		(none)					
Security Realms	Curre	ent Location:		localhost \					

3. Click **Upload your file(s)** to select archive, **Choose File** and click **Next**.

No pending changes exist. Click the Release Configuration button to allow others to edit the	Install Application Assistant
domain.	Back Next Finish Cancel
Release Configuration	Upload a deployment to the Administration Server
Domain Structure	Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located Administration Server.
platoinfra_domain - Domain Partitions - Environment	Deployment Archive: Choose File No file chosen
Deployments Services	Upload a deployment plan (this step is optional)
←-Security Realms ⊕-Interoperability ⊕-Diagnostics	A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment will work without a now. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See related links for additional informati
	Deployment Plan Archive: Choose File No file chosen
	Back Next Finish Cancel

4. After archive is uploaded, click **Next**.

Change Center	10 Home Log Out Preferences	🔛 Record Help	Q	Welcome,	Connected to: platoinfra_domain
View changes and restarts	Home >Summary of Deployments >	Summary of Servers >Summary	of Clusters >Summary of Machines >Summary of	JDBC Data Sources >Summary of Deployments	
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assistant				
Lock & Edit Release Configuration	Upload a deployment to the	Administration Server			
Domain Structure	Click the Browse button below to s deployment to the Administration	select an application or modul Server.	le on the machine from which you are current	ly browsing. When you have located the file, click the	Next button to upload this
platoinfra_domain    Domain Partitions  Crewironment	Deployment Archive:	Browse pla	ato-discovery-service-5.1.0.war		
ServersCustersCoherence ClustersResource GroupsResource Group Templates	Upload a deployment plan (thi A deployment plan is a configurati deployment plan archive now. This plans.	s step is optional) on which can supplement the s deployment plan archive wil	e descriptors included in the deployment archiv II be a directory of configuration information p	ve. A deployment will work without a deployment plan ackaged as a .jar file. See related links for additional i	n, but you can also upload a information about deployment
Machines Virtual Hosts Virtual Targets	Deployment Plan:	Browse No	file selected.		
Work Managers Concurrent Templates Resource Management	Back Next Finish Cance	4			



View changes and restarts No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Home >Summary of Deployments >S Messages The file plato-discovery-service	ummary of Servers >Summary of Clusters >S e-5.1.0.war has been uploaded successful	ummary of Machines >Summary of JDBC Data So y to	surces >Summary of Deployments	
Lock & Edit Release Configuration	Install Application Assistant Back Next Finish Cance	a			
Domain Structure platoinfra_domain  Domain Partitions  Frowironment Servers  Clusters	Locate deployment to install a Select the file path that represent the application directory or file in Note: Only valid file paths are di	and prepare for deployment is the application root directory, archive fil the Path field. splayed below. If you cannot find your de	e, exploded archive directory, or application r ployment files, Upload your file(s) and/or con	module descriptor that you want to install.	. You can also enter the path of quired deployment descriptors.
Coherence Clusters     Resource Groups     Resource Group Templates     Machines     Virtual Hosts     Virtual Targets     Work Managers     Concurrent Templates     Beseurce Management     Virtual Management	Path: Recently Used Paths: Current Location:	(none) (re-5.1.0.war			

## 5. Select option Install this deployment as an application 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 scope					
temp_domain	Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.					
Environment     Deployments	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 running their referencing application					
	○ Install this deployment as a library					
	Select a scope in which you want to install the deployment.					
	Scope: Global V					
How do I 😑	Back Next Finish Cancel					

6. Select target servers/clusters on which application has to be deployed and the Next.

	_		
Domain Structure platoinfra_domain		Available targets for plato-discovery-service-5.1.0 :	
Domain Partitions			
E-Environment	12		
Servers		Servers	
+ Chustere			
a custers		AdminServer	
Conerence Clusters	12		
Resource Groups	1.1		
Resource Group Templates		Clusters	
Machines			
····Virtual Hosts		Api_Gateway_Cluster	
····Virtual Targets		All servers in the cluster	
Work Managers		O Part of the cluster	
Concurrent Templates		Ani Gateway Server	
Resource Management			
How do I		Config_Cluster	
<ul> <li>Start and stop a deployed enterprise</li> </ul>		O Part of the cluster	
application		Config Server	
Configure an enterprise application			
Create a deployment plan		Discovery_Cluster	
Target an enterprise application to a server instance		All servers in the cluster     Part of the cluster	
Test the modules in an enterprise application		✓ Discovery_Server	
Svetam Statue		Plato_Alerts_Management_Cluster	
System Status		All servers in the cluster	
Health of Running Servers as of 6:34 PM		Part of the cluster	
		Plato Alerts Management Server	
Failed (0)			



Change Center	😰 Home Log Out: Preferences 🔤 Record Help 🛛 🔍 Welcome,	Connected to: platoinfra_domain
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of Clusters >Summary of Machines >Summary of JDBC Data Sources >Summary of Deployments	its
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Install Application Assistant           Back         Next         Enish         Cancel	
Release Configuration	Optional Settings You can modify these settings or accept the defaults.	
Domain Structure	* Indicates required fields	
patolifita, domain  → B <sup>+</sup> Domain Revitors: → Envers → Servers → Coherence Clusters → Resource Groups → Resource Group Templates → Michines → Virtual Hosts → Virtual Targets → Work Managers → Concurrent Templates → Resource Management → X	General What do you want to name this deployment?      Name:     plato-discovery-service-5.1.0      Security What security model do you want to use with this application?      O DO Only: Use only roles and policies that are defined in the deployment descriptors.      Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.	
How do I	○ Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.	
<ul> <li>Start and stop a deployed enterprise application</li> </ul>	Advanced: Use a custom model that you have configured on the realm's configuration page.	
Configure an enterprise application	- Source Accessibility	
Create a deployment plan	How should the source files be made accessible?	
<ul> <li>Target an enterprise application to a server instance</li> </ul>	Use the defaults defined by the deployment's targets	

## 7. Click Finish and then click Save and Activate Changes.

enange eenter	Home Log Out Preference	es 🚵 Record Help	<u> </u>					Welcom	e, Connect	ed to: platoinfra_c	domain
View changes and restarts	Home >Summary of Deploymen	its >Summary of Servers >Su	mmary of Clusters >Summary of	Machines >S	ummary of	JDBC Data So	ources >Summary o	Deployn	ients		
Pending changes exist. They must be activated	Messages										
to take effect.	You must also activate the	successfully installed.	with their and other undates to	the active e	tom						
Activate Changes	YOU MUSC also acuvate un	e pending changes to comi	nit this, and other updates, to	the acuve s	ysteni.						
Undo All Changes	Summary of Deployments										
Domain Structure	Configuration Control	Monitoring									
Environment A											- 1
Servers	This page displays the list of	Java EE applications and s	tandalone application module	installed to	this doma	ain.					
Coberence Clusters											
Resource Groups	You can update (redeploy) o	You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.									
Resource Group Templates	To install a new application or module for deployment to targets in this domain, click Install.										
Machines	to move a new approximation or movine to approximate to an great in the domain's clear another										
Virtual Hosts											
Virtual Targets	Customize this table	Customize this table									
Work Managers	Deployments										
Concurrent Templates	Deployments										_
Resource Management	Install Update Delete								Showing 1 to 1	of 1 Previous   N	lext
Deployments				<b>C</b> 1-1-					Dente Destruction		
				State	rieaith	туре	Targets	Scope	Domain Partitions	Deployment Ord	ler
How do 1	🔲 🗄 👩 plato-discovery-	service-5.1.0		distribute Initializing		Web Application	Discovery_Server	Global		100	
<ul> <li>Install an enterprise application</li> </ul>	Restall Hardens Parties	1								(	
<ul> <li>Configure an enterprise application</li> </ul>	Install Update Delete								Showing 1 to 1	of 1 Previous   N	vext
<ul> <li>Update (redeploy) an enterprise application</li> </ul>											_
Change Center View changes and restarts	Home Log Out Preferen Home >Summary of Deployme	ces 🛃 Record Help	ummary of Clusters >Summary of	Machines >	Summary o	f JDBC Data S	ources >Summary o	Welcon f Deployr	ne, Connect	ed to: platoinfra_	domain
Click the Lock & Edit button to modify, add or	Messages										
delete items in this domain.	All changes have been a	ctivated. No restarts are ne	cessary.								
Lock & Edit	Common d'Australia de Carlos de Carl										
Release Configuration	Summary of Deployments										
	Summary of Deployments Configuration Control	Monitoring									
Domain Structure	Configuration Control	Monitoring									
Domain Structure	Summary of Deployments Configuration Control This page displays the list of	Monitoring	standalone application module	s installed to	o this dom	ain.					
Domain Structure	Summary of Deployments Configuration Control This page displays the list of	Monitoring f Java EE applications and	standalone application module	s installed to	o this dom	ain.					
Domain Structure	Summary of Deployments Configuration Control This page displays the list o You can update (redeploy)	Monitoring If Java EE applications and or delete installed applicatio	standalone application module	s installed to	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure           ⊡ -Envfronment           ∽ Servers           ⊕ -Clusters           ⊡ -Coherence Clusters	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application	Monitoring If Java EE applications and or delete installed applications or module for dealowment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to nain by selec	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure     D=Environment     Servers     B⊂Lusters     "Coherence Clusters     "Resource Groups	Summary of Deployments Configuration Control This page displays the list o You can update (redeploy) To install a new application	Monitoring or delete installed applications and or delete installed applications or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to nain by selec Install.	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure  Environment  Servers  Coherence Clusters  Coherence Clusters  Resource Groups  Resource Groups  Machiner	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application	Monitoring f Java EE applications and or delete installed application or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to nain by selec Install.	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure           ⊡ - Environment           → Servers           ⊕ Cubrerne Clusters           − Coherence Clusters           − Resource Groups           − Resource Groups           − Machines           − Winde Hords	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table	Monitoring f Java EE applications and or delete installed applicati or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to aain by seler Install.	o this dom	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure     Domain Structure     Convers     Coherence Clusters     Coherence Clusters     Resource Group Service     Machines     Withal Hosts     Withal Hosts     Withal Hosts	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table	Monitoring f Java EE applications and or delete installed application or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to nain by selec Install.	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table Deployments	Monitoring f Java EE applications and or delete installed application or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed tr nain by seler Install.	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control	s on this page.	
Domain Structure	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table Deployments Install Update Deleter	Monitoring f Java EE applications and or delete installed applicati or module for deployment	standaione application module ons and modules from the dor to targets in this domain, click	s installed t nain by selec Install.	o this dom cting the c	ain. heckbox next	t to the application	name anc	I then using the control Showing 1 to	s on this page. L of 1 Previous   N	Next
Domain Structure     Servers     Coherence Clusters     Coherence Clusters     Coherence Clusters     Resource Group Templates     Worklines     Writual Hosts     Writual Hosts     Writual Hosts     Concurrent Templates     Concurrent Templates     Resource Management.	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table Deployments Install Update Deleter	Monitoring f Java EE applications and or delete installed application or module for deployment	standalone application modules ons and modules from the dor to targets in this domain, click	s installed to nain by selec Install.	o this dom cting the c	ain. heckbox next	t to the application	name and	I then using the control Showing 1 to	s on this page. L of 1 Previous   N	Next
Domain Structure           D Environment           → Servers           → Coherence Chaters           → Resource Group Templates           → Michines           → Vittual Hosts           → Work Managers           → Work Managers           → Coherent Templates           → Work Managers           → Work Managers           → Concurrent Templates           → Resource Management           → Startup and Shutdown Classes	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table Deployments Install Update Deter Name  Name	Monitoring f Java EE applications and or delete installed application or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to nain by selec Install.	o this dom thing the c	ain. heckbox next	to the application	name and	I then using the control Showing 1 to . Domain Partitions	s on this page. of 1 Previous   N Deployment Ord	Next
Domain Structure     Domain Structure     Coherence Clusters     Coherence Clusters     Coherence Clusters     Coherence Groups     Resource Group Templates     Work Monagers     Concurrent Templates     Resource Management     Startup and Shufdown Classes     Deployments     Vental	Summary of Deployments Configuration Control This page displays the list c You can update (redeploy) To install a new application Customize this table Deployments Install Update Delete Name  N	Monitoring f Java EE applications and or delete installed application or module for deployment	standalone application modules ons and modules from the dor to targets in this domain, click	s installed to an by select Install.	b this dom cting the c	ain. heckbox next	t to the application	name and	then using the control Showing 1 to Domain Partitions	s on this page. L of 1 Previous   N Deployment Ord	Next
Domain Structure     Demain Structure     Servers     Coherence Clusters     Coherence Clusters     Resource Group Servers     Work Inters     Work Managers     Concurrent Templates     Work Managers     Concurrent Templates     Resource Management     Startup and Shuldown Classes     Deployments     Votal L	Summary of Deployments Configuration Control This page displays the list c You can update (redeplay) To install a new application Customize this table Deployments Tratall Update Deter Name  Git @plato-discovery	Monitoring f Java EE applications and or delete installed applicati or module for deployment service-5.1.0	standalone application modules ons and modules from the dor to targets in this domain, click	s installed to hain by select Install.	o this dom cting the c Health	ain. heckbox next <b>Type</b> Web Application	to the application Targets Discovery_Server	name and Scope Global	then using the control Showing 1 to Domain Partitions	s on this page. L of 1 Previous   N Deployment Ord 100	Next
Domain Structure     Domain Structure     Servers     Coherence Chaters     Coherence Chaters     Resource Groups     Resource Groups     Work Nangers     Virtuel Targets     Work Nangers     Concurrent Templates     Resource Management     Statu and Shutdown Classes     Deployments      How do I      Install an enterprise application	Summary of Deployments Configuration Control This page displays the list of You can update (redeploy) To install a new application Customize this table Deployments Install Update Delete B @ plato-discovery Install Update Delete	Monitoring flavo EE applications and or delete installed applications or module for deployment service-5.1.0	standalone application module ons and modules from the dor to targets in this domain, click	s installed to hain by select Install.	b this dom cting the c Health	ain. heckbox next Type Web Application	to the application Targets Discovery_Server	Scope Global	then using the control Showing 1 to . Domain Partitions Showing 1 to .	s on this page.	Next Next
Domain Structure           □ Finforment           → Servers           □ Coherence Clusters           □ Coherence Clusters           □ Coherence Clusters           □ Resource Groups           ■ Machines           ■ Vittual Hosts           ■ Vittual Hosts           ■ Work Managers           ■ Concurrent Templates           ■ Resource Management           ■ Startup and Shutdown Classes           ■ Deployments           ■ On dall an enterprise application           ● Condum an exterprise application	Summary of Deployments Configuration Control This page displays the list of You can update (redeplay) To install a new application Customize this table Deployments Install Update Delete Install Update Delete Install Update Delete	Monitoring of Java EE applications and or delete installed applicati or module for deployment	standalone application module ons and modules from the dor to targets in this domain, click	s installed to nain by select Install.	b this dom cting the c Health	ain. heckbox next Type Web Application	to the application Targets Discovery_Server	Scope Global	then using the control Showing 1 to Domain Partitions Showing 1 to	of 1 Previous   N Deployment Ord 100 of 1 Previous   N	Next Ser



8. Click **Deployments** and then **Control** to changes the state of application from prepared to active status.

Change Center	î Home Log Out Preferences 🛃 Record Help	Welcome, Connected to: platoinfra_doma						
View changes and restarts	tome >Summary of Deployments >Summary of Servers >Summary of Clusters >Summary of Machines >Summary of JOBC Data Sources >Summary of Deployments >Summary of Servers >Summary of Clusters >Summary of Deployments							
No pending changes exist. Click the Release Configuration button to allow others to edit the	mmary of Deployments							
domain.	Configuration Control Monitoring							
Release Configuration	This page displays the list of Java EE applications and standalone application modules installed to this domain.							
Domain Structure	You can start and stop applications and modules from the domain by selecting the checkbox next to the application name and then	using the controls on this page.						
Platoinfra_domain  Domain Partitions  Domain Partitions  Denvironment  Denvironment  Denvironment	© Customize this table							
Coherence Clusters	Start v Stop v	Showing 1 to 1 of 1 Previous   Next						
Resource Group Templates	Name 🔅 State Health Type	Targets Scope Domain Partitions						
Virtual Hosts	□      Prepared      ✓ OK Web App	pplication Discovery_Server Global						
Work Managers	Start v Stop v	Showing 1 to 1 of 1 Previous   Next						
Concurrent Templates								

9. Under **Deployment**, click **Start** dropdown and select **Start all requests**.

Change Center	Home Log	Home Log Out Preferences M Record Help     Q     Connected to: platoinfra_domain								
View changes and restarts	Home >Summa Deployments	Home >Summary of Deployments >Summary of Servers >Summary of Clusters >Summary of Machines >Summary of JDBC Data Sources >Summary of Deployments >Summary of Servers >Summary of Deployments								
No pending changes exist. Click the Release Configuration button to allow others to edit the	Summary of De	eployment	ts							
domain.	Configuration	Control	Monitoring							
Release Configuration	This page dis	plays the lis	st of Java EE applications and star	ndalone application modules installed to this	domain.					
Jomain Structure	You can start	and stop a	pplications and modules from the	domain by selecting the checkbox next to th	he applicat	ion name a	and then using the	controls on this pag	e.	
latoinfra_domain										
D Domain Partitions	Customize t	table								
Servers	Deployments									
Coherence Clusters	Start - St	v qot						Show	ving 1 to	1 of 1 Previous   Next
Resource Groups     Resource Group Templates     Machines	Servicing all	requests	ration requests		State	Health	Туре	Targets	Scope	Domain Partitions
	E plato	Folscoverys	Service-5.1.0		Prepared	🖋 ОК	Web Application	Discovery_Server	Global	
Virtual Targets Work Managers Concurrent Templates	Start - St	top 🗸						Show	ving 1 to	1 of 1 Previous   Next

10. Click Yes.

	ministration Console 12c	Q
Change Center	🔒 Home Log Out Preferences 🗠 Record Help	Welcome, Connected to: platoinfra_domain
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of Clusters >Summary of Machines >Summary of JDBC Data Sou Deployments	rces >Summary of Deployments >Summary of Servers >Summary of
No pending changes exist. Click the Release Configuration button to allow others to edit the	Start Application Assistant	
domain.	Yes No	
Release Configuration	Start Deployments	
Domain Structure	You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel. • nato-discovery-service-5.1.0	
Platoinfra_domain    Domain Partitions	Yes No	

11. The status is displayed as Active in the state column.

Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Welcome,	Connected to: platoinfra_domain					
View changes and restarts	Home >Summary of Clusters >Summary of Machines >Summary of JDBC Data Sources >Summary of Servers >Discovery_Server >Summary of Servers >Summary of Deployments	Deployments >Summary of Servers >Summary of Deployments >Summa	ary of					
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	unimary of Deployments							
Lock & Edit Release Configuration	Configuration         Control         Monitoring           This page displays the list of Java EE applications and standalone application modules install	Configuration         Control         Monitoring           This page displays the list of Java EE applications and standalone application modules installed to this domain.         Installed to this domain.						
Domain Structure	You can update (redeploy) or delete installed applications and modules from the domain by To install a new application or module for deployment to targets in this domain, click <b>Instal</b>	You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page. To install a new annihilation or module for denivergent to transfer in this domain click <b>Testall</b>						
Coherence Clusters	Customize this table	Customize this table						
Resource Group Templates	Deployments							
Virtual Hosts	Install Update Delete	Sh	owing 1 to 1 of 1 Previous   Next					
Wirtual Targets	Name 🔅 St	te Health Type Targets Scope Domain	Partitions Deployment Order					
Resource Management 	Beplato-discovery-service-5.1.0	ve 🗸 OK Web Application Discovery_Server Global	100					
Deployments	Install Update Delete	Sh	owing 1 to 1 of 1 Previous   Next					
How do I								



# 1.6 How to Restart Servers

Perform the following steps to restart servers:

1. Navigate to left menu and select **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					
Coherence Clusters					
Resource Groups					
Resource Group Templates					
Machines					
Virtual Hosts					
Virtual Targets					
Work Managers					
Concurrent Templates					
Resource Management	<b>•</b>				

## 2. Click Control tab.

Change Center	Ê	Home	Log Out Preferences 🔛 Record Help	Q	W	elcome,	Connected to: platoinfra_domain	
View changes and restarts	Home >Summary of Machines >Summary of DBIC Data Sources >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Decovery_Server >Summary of Servers >Servers							
No pending changes exist. Click the Release Configuration button to allow others to edit the	kk the Release others to edit the Summary of Servers							
Lock & Edit	Co	nfigurati	on Control					
Release Configuration	U	lse this p	age to change the state of the servers in this WebLogic Server	domain. Control operations on Managed S	Servers require starting the M	Node Manager. Star	ting Managed Servers in	
Domain Structure	3	canuby i	node requires the domain whole administration port.					
platoinfra_domain	Č2							
Environment Servers								
Clusters	s	ervers	(Filtered - More Columns Exist)					
Resource Groups		Start	Resume Suspend v Shutdown v Restart SSL			Show	ving 1 to 9 of 9 Previous Next	
Machines		Se Se	rver 🏟	Machine	State	Status of Last A	iction	
Virtual Targets		🗌 Adı	ninServer(admin)	platoinfra_Machine	RUNNING	None		
Work Managers		🗌 Api	_Gateway_Server	platoinfra_Machine	SHUTDOWN	None		
Resource Management		□ Co	flg_Server	platoinfra_Machine	SHUTDOWN	None		
How do I		Dis	covery_Server	platoinfra_Machine	RUNNING	None		
Start and stop servers		🗌 Pla	to_Alerts_Management_Server	platoinfra_Machine	SHUTDOWN	None		
Start Managed Servers from the		🗌 Pla	to_Batch_Server	platoinfra_Machine	SHUTDOWN	None		
Administration Console		🗌 Pla	to_Feed_Server	platoinfra_Machine	SHUTDOWN	None		
Kestart Sol.     Start Managed Servers in Admin mode		🗌 Pla	to_Orch_Server	platoinfra_Machine	SHUTDOWN	None		
Start Managed Servers in a cluster		🗌 Pla	to_UI_Config_Server	platoinfra_Machine	SHUTDOWN	None		



3. Select servers to Shutdown.

Change Center	🟦 Home Log Out Preferences 🖂 Record Help	Welcome, Connected to: platoin	fra_domain					
View changes and restarts	Home >Summary of Machines >Summary of JDBC Data Sources >Summary of Deployments >Summary of Servers >Summary of Deployments >Sum Servers >Summary of Deployments >Summary of Servers	Home >Summary of Machines >Summary of DBC Data Sources >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Decovery_Server >Summary of Decovery_Server >Summary of Decovery_Servery_Servery_Servery_Servery_Servery_Servery_Servery_Servery_Servery_Se						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Servers							
Lock & Edit Release Configuration Domain Structure	Configuration Control Use this page to change the state of the servers in this WebLogic Server domain. Control operations on Managed Servers require startin Standby mode requires the domain-wide administration port.	ig the Node Manager. Starting Managed Servers in						
platoinfra_domain ▲ ⊕ - Domain Partitions ⊕ - Environment → Servers ⊕ - Clusters	C2 © Customize this table							
Coherence Clusters     Resource Groups	Start Resume Suspend v Shutdown v Restart SSL	Showing 1 to 9 of 9 Previous	Next					
Resource Group Templates Machines Virtual Hosts	Server   When work completes Force shutdown now	Status of Last Action						
····Virtual Targets	AdminServer(admin) platoinfra_Machine RUNNING	None						
Work Managers	Api_Gateway_Server platoinfra_Machine SHUTDOWN	None						
Resource Management	Config_Server platoinfra_Machine SHUTDOWN	None						
How do I	Discovery_Server platoinfra_Machine RUNNING	None						

4. Click Yes to confirm shutdown.

Change Center	😰 Home Log Out Preferences 🖾 Record Help	Welcome,	Connected to: platoinfra_domain
View changes and restarts	Home >Summary of Machines >Summary of JDBC Data Sources >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers	loyments >Summary of Servers >Discovery,	Server >Summary of
No pending changes exist. Click the Release Configuration button to allow others to edit the	Server Life Cycle Assistant		
domain.	Mare Blan		
Lock & Edit	Tes NO		
Release Configuration	Forcibly Shutdown Servers		
Domain Structure	You have selected the following servers to be immediately shut down. Press 'Yes' to continue or 'No' to cancel.		
platoinfra domain	Discovery_Server		
Domain Partitions	Yes No.		
□ Environment	100 100		
Servers			

5. The status displayed as shown below:

Change Center	🏦 Home Log Out Preferences 🛃 Record Help	Q	1	Nelcome, : Connected to: platoinfra_domain					
View changes and restarts	Home >Summary of Machines >Summary of JDBC Data Sources Servers >Summary of Deployments >Summary of Servers	Home >Summary of Machines >Summary of JDBC Data Sources > Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Servers >Servers >Servers >Servers >Servers >Servers >Servers >							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	essages # A request has been sent to immediately shut down the selected servers.								
Lock & Edit	Summary of Servers	Summary of Servers							
Release Configuration	Configuration Control	Configuration Control							
Domain Structure									
platoinfra_domain    Domain Partitions	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.								
Coherence Clusters Coherence Clusters Resource Groups Resource Group Templates	© Customize this table Servers (Filtered - More Columns Exist)								
Virtual Hosts	Start Resume Suspend - Shutdown - Resta	rt.SSL		Showing 1 to 9 of 9 Previous   Next					
Virtual Targets Work Managers	Server 🙈	Machine	State	Status of Last Action					
Resource Management	AdminServer(admin) platoinfra_Machine RUNNING None								
How do I	Api_Gateway_Server	platoinfra_Machine	SHUTDOWN	None					
Start and stop servers	Config_Server	platoinfra_Machine	SHUTDOWN	None					
Start Managed Servers from the	Discovery_Server	platoinfra_Machine	FORCE_SHUTTING_DOWN	TASK IN PROGRESS					

6. Once shutdown is completed, navigate to **Control**, select the servers to **Start**, and click **Yes** to confirm action.

Change Center	🔒 Home Log Out Preferences 🛃 Record Help	Welcome,	Connected to: platoinfra_domain					
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary JDBC Data Sources >Summary of Servers	Home >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Discovery_Server >Summary of Servers >Summary of Deployments >Summary of Servers >Summary of						
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Summary of Servers							
Lock & Edit Release Configuration Domain Structure	Use this page to change the state of the servers in this WebLogic Server domain. Contr Standby mode requires the domain-wide administration port.	of operations on Managed Servers require starting the Node Manager. Starti	ng Managed Servers in					
platoinfra_domain	62	23						
Environment     Servers     Reclastere	Customize this table	Customize this table						
Coherence Clusters	Servers (Filtered - More Columns Exist)							
Resource Groups	Start Resume Suspend v Shutdown v Restart SSL	Showlin	ng 1 to 9 of 9 Previous   Next					
Machines	🔲 Server 🔅 Machine	State Status of Last Ac	tion					
Virtual Targets	AdminServer(admin) platoinfra_1	lachine RUNNING None						
Work Managers	Api_Gateway_Server platoinfra_1	lachine SHUTDOWN None						
Resource Management Y	Config_Server platoinfra_1	lachine SHUTDOWN None						
How do I	Discovery_Server platoinfra_1	lachine SHUTDOWN TASK COMPLETED						



Change Center	🏠 Home Log Out Preferences 📈 Record Help	Q	Welo	ome, Connected to: platoinfra_domain					
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of Dep JDBC Data Sources >Summary of Servers	Home >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Discovery_Server >Summary of Servers >Summary of Deployments >Summary of Servers >Summary of							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Server Life Cycle Assistant	erver Life Cycle Assistant							
Lock & Edit Release Configuration	Start Servers								
Domain Structure platoinfra_domain	You have selected the following servers to be started. Press Yes' to continue or 'No' to cancel.  Discovery_Server								
Domain Partitions     Environment     Servers	Yes No								
Change Center	Home Log Out Preferences A Record Help	a	Wel	come, Connected to: platoinfra_domain					
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of De JDBC Data Sources >Summary of Servers	Home >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Discovery_Server >Summary of Servers >Summary of Deployments >Summary of Servers >Summary of							
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages  # A request has been sent to the Node Manager to start the selected servers.								
Lock & Edit	Summary of Servers								
Release Configuration	Configuration Control								
Domain Structure									
platoinfra_domain	Use this page to change the state of the servers in this WebLogic S Standby mode requires the domain-wide administration port.	erver domain. Control operations on Managed t	Servers require starting the No	de Manager. Starting Managed Servers in					
Servers	63								
Coherence Clusters	Customize this table								
Resource Group Templates	Servers (Filtered - More Columns Exist)								
Virtual Hosts	Start Resume Suspend Stuttown Restart SSL Showing 1 to 9 of 9 Previous Next								
	Server 🗇	Machine	State	Status of Last Action					
Resource Management	AdminServer(admin)	platoinfra_Machine	RUNNING	None					
How do I	Apl_Gateway_Server	platoinfra_Machine	SHUTDOWN	None					
Start and stop servers	Config_Server	platoinfra_Machine	SHUTDOWN	None					
Start Managed Servers from the	Discovery_Server	platoinfra_Machine	SHUTDOWN	TASK IN PROGRESS					

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

Change Center	😰 Home Log Out Preferences 🖂 Record Help	Q		Welcome,	Connected to: platoinfra_domain				
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of Deployments >Summary of Servers >Ducovery_Server >Summary of Deployments >Summary of Servers >Summary of								
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit	JOIC Data Sources - Sommary of Servers Summary of Servers Configuration Control								
Release Configuration	Use this page to change the state of the servers in this WebLogic Standby mode requires the domain-wide administration port.	: Server domain. Control operations o	n Managed Servers require starting th	he Node Manager. Starti	ng Managed Servers in				
Domain Structure									
B     Domain Partitions     Forwars     B     Constructors	C2 © Customize this table								
Coherence Clusters	Servers (Filtered - More Columns Exist)								
Resource Groups	Start Resume Suspend V Shutdown V Restart SSL			Showin	ng 1 to 9 of 9 Previous   Next				
	Server 🗞	Machine	State	Status of Last Ac	tion				
Virtual Targets	AdminServer(admin)	platoinfra_Machine	RUNNING	None					
Work Managers	Api_Gateway_Server	platoinfra_Machine	SHUTDOWN	None					
Resource Management	Config_Server	platoinfra_Machine	SHUTDOWN	None					
How do I	Discovery Server	platoinfra. Machine	RUNNING	TASK COMPLETED					
View changes and restarts No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit	Hene >Summary of Servers >Summary of Deployments >Summary of Sources >Summary of Deployments Summary of Deployments Configuration Control Monitoring	Servers >Discovery_Server >Summary o	f Servers >Summary of Deployments >S	ummary of Servers >Sum	nary of JDBC Data				
Release Configuration	This page displays the list of Java EE applications and standalone	e application modules installed to this	domain.						
Environment     Servers     Ordusters	To install a new application or module for deployment to targets	in this domain, click <b>Install</b> .	the checkbox next to the application	name and then using th	e controls on this page.				
Coherence Clusters	Customize this table								
Resource Group Templates	Deployments								
Virtual Hosts	Install Update Delete Showing I to 1 of 1 Previous   Next								
Virtual Targets Work Managers	🔲 Name 🏟	State He	alth Type Targets	Scope Domain Par	titions Deployment Order				
Resource Management	Department in the service state of the service stat	Active 🛩	OK Web Application Discovery_Server	Global	100				
Deployments	Install Update Delete			Show	ng 1 to 1 of 1 Previous   Next				

# 1.7 How to Check Port Number

Perform the following steps to check port numbers:

1. Specify the User id and Password, and login to WebLogic console.



2. Click Environment and then click Server.



3. Under Servers (Filtered - More Columns Exist) section, you will be able to see all the server listed.

Name 🚳	Туре	Cluster	Machine	State	Health	Listen Port
AdminServer(admin)	Configured			RUNNING	🖋 ОК	7020
managed_server1	Configured		Machine 1	RUNNING	🖋 ОК	7023

# 1.8 Weblogic Embedded LDAP Setup

The following changes are to be made for configuring the Weblogic-Embedded LDAP server for PLATO:

- Configuration of Weblogic LDAP
- Creation of Users
- Plato Security Config Table Entries

## 1.8.1 Configuration of Weblogic LDAP

1. Open the Administration Console for the Weblogic, and click domain name in left panel.





2. Under Settings for Idap\_domain, click **Security** tab, and then click **Embedded LDAP** tab.

Change Center	😰 Homer Log Out. Pretenances 🐼 Re	cond Help	Q.	Welcome,	Connected to: Idap_domain
View changes and restarts	rome Hidage, domaine	orectaroost code me			
Configuration editing is enabled. Future	Settings for idag_domain				
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Monitoring Control	Security 🕴 Web Service Secu	etty 201 Control Notes		
Domain Structure	General Filter Unlock User Ern	badded LLDAP Roles Polici	es SSL Certificate Revocation Checking	3ASP8C	
ktap_domain P-Domain Partitions	(Seve)				
B-Endonment Deployments P Senitres	This page allows you to configure the e	entendded LDAP server for this 7	Nittogic Server dotsein.		
Security Realize     Discogerability     Recomposition	de Credential:	E.		The crodential (usually a password) uses server. More info	to connect to the embedded 1D4P
	Confirm Credential:	(	1		
	de Backup Hour:	23		The hour at which the embedded UDAP info-	server about the backed up. More
How do 1	🔊 Backup Minute:	5		The minute at which the embedded LDA beau.	P server should be backed up. More
Configure the embedded LDAP server     Configure authentication and identity     assertion providers.	🛃 Backup Copies;	7		The meximum number of techap copies embedded LDAP server. Here Info	that should be made for the
System Status	🛠 👩 Cache Enabled			Specifies whether a cachie is used with the	ie mibelded LDNP server. More
Health of Running Servers as of 12136 AM	Cache Size:	32		The size of the cache (in 68obytes) that	is used with the embodded LDAP

3. Set the **Credential** for Weblogic Embedded LDAP store. This is needed in the **Security Config** table.

Change Center	😰 Hone: Log Out. Preferences 🐼 I	Record Help	1(4)	Welcome, Connected to Map_domain				
View changes and restarts	rome >lidagi, domale							
Configuration editing is enabled. Future	Settings for Idap_domain							
changes will automatically be activated as you modify, add or delete itema in this domain.	Configuration Monitoring Control	Security Web Service Securit	ty ZDT Control Notes					
Domain Structure	General Filter Onlock User Ez	mbedded LDAP Roles Policies	SSL Certificate Revocation Checking	JASP8C				
tdop_domein Bi-Domein Pertitions	(Seve)							
Ef Environment Deployments Ef Services	This page allows you to configure the	enibedded LDAP server for this W	OLogic Server domein.					
Security Realms III: Interconnability III: Dispression	Credential:	C.		The moderital (usually a parameter) used to connect to the embedded LDAP server. More adv				
	Confirm Credential:	C						
	Backup Hour:	23		The hoar at which the embedded LDMP server aboutd be backed up. More to for				
How do 1	👩 Backup Minute:	5		The minute at which the imbedded LDW server should be backed up. More below $\hfill \hfill \$				
Configure the embedded LDAP server     Configure authentication and identity     assertion providers	de Backup Copies:	7		The maximum number of taxitap copies that should be node for the ambedded LDAP server. None Info.				
System Status	🕫 👍 Cache Enabled			Specifies whether a cache is used with the embedded LDNP server. More Infer				
Health of Running Servers as of 12136 AM	Cache Size:	32		The start of the cache (in kilologited) that is used with the embedded LDAP				

## 1.8.2 Creation of Users

- 1. Navigate to left menu, and click **Security Realms**.
- 2. In the Summary of Security Realms window, click myrealm.

Change Center	🚹 Home Log Out Preferences 🔤 Record Help				
View changes and restarts	Home >temp_domain >Summary of Security Realms				
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Security Realms				
Domain Structure	A security realm is a container for the mechanismsincluding users, groups, security roles, security policies, and security providersthat in a WebLogic Server domain, but only one can be set as the default security realm, which is reserved for domain administrative purpose				
temp_domain Domain Partitions Crowrooment Comployments Crowroces Comployments Crowroces Comployments Crowroces Comployments Crowrowrowrowrowrowrowrowrowrowrowrowrowr	This Security Realms page lists each security realm that has been configured in this WebLogic Server domain. Click the name of the realm  Customize this table Realms (Filtered - More Columns Exist) New Delete				
	□ Name ↔ Default Realm				
	myrealm true				
	New Delete				



- 3. Under Settings for myrealm, click Users and Groups.
- 4. Click **Groups** tab. Click **New** to make a new group.

View changes and restarts	Ho	ne >temp_o	domain >Summary of Secu	ity Realms >myrealm :	>Users and Groups			
Configuration editing is enabled. Future	Sett	ngs for m	yrealm					
changes will automatically be activated as you modify, add or delete items in this domain.	Cor	figuration	Users and Groups	Roles and Policies	Credential Mappings	Providers	Migration	
Domain Structure	Us	Users Groups						
temp_domain @ Domain Partitions @ Environment Deployments @ Services @ Interoperability @ Diagnostics	This page displays information about each group that has been configured in this security realm.  Customize this table Groups							
	New Delete							
		Name	ô	Description				
	C	AdminC	hannelUsers	AdminChannell	Jsers can access the adn	nin channel.		
	C	Adminis	trators	Administrators	can view and modify all	resource attr	ibutes and start and stop servers.	
How do I	C	AppTes	ters	AppTesters gro	up.			
- Management	C	CrossDo	omainConnectors	CrossDomainCo	onnectors can make inter	r-domain call	s from foreign domains.	
Manage users and groups     Croate groups	C	Deploye	ers	Deployers can	view all resource attribut	es and deplo	y applications.	
Modify groups	C	Monitor	s	Monitors can vi	iew and modify all resour	rce attributes	and perform operations not restricted by roles.	
Delete aroups	C	Operato	ors	Operators can	view and modify all reso	urce attribute	es and perform server lifecycle operations.	
	C	OracleS	ystemGroup	Oracle applicat	ion software system grou	Jp.		
System Status		lew Del	ete					

## 5. Add the relevant details and click **OK**. The new group will be created.

View changes and restarts	Home >temp_domain >Summary of Security Realms >myrealm > <b>Users and Groups</b>		
Configuration editing is enabled. Future	Create a New Group		
changes will automatically be activated as you modify, add or delete items in this domain.	OK Cancel		
Domain Structure	Group Properties		
temp_domain	The following properties will be used to identify your new Group.		
Domain Partitions     Environment	* Indicates required fields		
Deployments			
Services     Security Dealman	What would you like to name your new Group?		
Interoperability	* Name:	Developera	
Diagnostics		Developers	
	How would you like to describe the new Group?		
	Description:	Group for Developers	
	Please choose a provider for the group.		
How do I	Provider:	DefaultAuthenticator 🗸	
Create groups			
Modify groups	OK Cancel		
Delete groups	1		

#### 6. Click **Users** tab, and click **New** to create user.

Change Center	Home Log Out Preferences Record Help		
View changes and restarts	Home >temp_domain >Summary of Security Realms >myrealm > <b>Users and Groups</b>		
Configuration editing is enabled. Future	Settings for myrealm		
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Users and Groups Roles and Policies Credential Mappings Providers Migration		
Domain Structure	Users Groups		
temp_domain B <sup>+</sup> Domain Partitions B <sup>+</sup> Environment b <sup>-</sup> Deployments B <sup>+</sup> Services b <sup>-</sup> Security Realms B <sup>+</sup> -Interoperability B <sup>+</sup> Diaprostics	This page displays information about each user that has been configured in this security realm.  Customize this table Users (Filtered - More Columns Exist) New Delete		
	□ Name ↔ Description		
	LCMUser This is the default service account for WebLogic Server Lifecycle Manager configuration updates.		
	Oracle SystemUser Oracle application software system user.		
How do I	weblogic This user is the default administrator.		
	New Delete		



7. Enter the required details for the user. After completing click **OK**. The user will be created.

View changes and restarts	Home >temp_domain >Summary of Security Realms >myrealm > <b>Users and Groups</b>		
Configuration editing is enabled. Future	Create a New User		
changes will automatically be activated as you modify, add or delete items in this domain.	OK Cancel		
Domain Structure	User Properties		
temp_domain	The following properties will be used to identify your new User.		
Domain Partitions     Environment     Deployments	* Indicates required fields		
Services     Security Realms	What would you like to name your new User?		
-Interoperability -Diagnostics	* Name:	ADMINUSER1	
	How would you like to describe the new User?		
	Description:	ADMINUSER1	
	Please choose a provider for the user.		
How do I	Provider	Default Authenticator	
Create users	Troviden		
Modify users	The password is associated with the login name for the new User.		
Delete users	* Password:		
Create groups	, assesta	•••••	
Manage users and groups	* Confirm Password:		
System Status			
Health of Running Servers as of 7:12 PM	OK Cancel		

8. Click on the newly created user to assign the newly created user to some group.

Home >temp_domain >Summary of Security Realms >myrealm >Users and Groups			
Ver created successfully			
Settings for myrealm			
,			
This page displays information about each user that has been configured in this security realm.   Customize this table Users (Filtered - More Columns Exist)			
New Delete			



9. Under **Setting for ADMINUSER1** (or whatever your user's name is) window, click **Groups** tab.

View changes and restarts	Home >temp_domain >Summary of Security Realms >myrealm >Users and Groups >ADMINUSER1		
Configuration editing is enabled. Future	Settings for ADMINUSER1		
modify, add or delete items in this domain.	General Passwords Attributes Groups		
Domain Structure	Save		
temp_domain Domain Partitions -Environment	Use this page to configure group membership for this user.		
Deployments     Services	Parent Groups:		
Security Realms	Available: Chosen:		
Interoperability	AdminChannelUsers		
Diagnostics	Administrators		
	AppTesters 💊		
	CrossDomainConnectors		
	Deployers		
	Monitors		
	Operators 🔍		
	OracleSvstemGroup		
How do I			
	Save		

10. Select the groups you want to assign to the user and click single right button as shown below.

View changes and restarts	Home >temp_domain >Summary of Security Realms >myrealm >Users and Groups >ADMINUSER1		
Configuration editing is enabled. Future	Settings for ADMINUSER1		
changes will automatically be activated as you modify, add or delete items in this domain.	General Passwords Attributes Groups		
Domain Structure	Save		
temp_domain P-Domain Partitions P-Environment	Use this page to configure group membership for this user.		
Deployments     Services	Parent Groups:		
Security Realms	Available: Chosen:		
-Interoperability	AdminChannelUsers		
	Administrators		
	AppTesters		
	CrossDomainConnectors		
	✓ Deployers		
	Monitors		
	✓ Operators		
	OracleSystemGroup		

## 11. Click Save.

View changes and restarts	Home >temp_domain >Summary of Security Realms >myrealm >Users and Groups >ADMINUSER1		
Configuration editing is enabled. Future	ings for ADMINUSER1		
changes will automatically be activated as you modify, add or delete items in this domain.	General Passwords Attributes Groups		
Domain Structure	Save		
temp_domain	Use this page to configure group membership for this user.		
Deployments	Parent Groups:		
Security Realms	Available: Chosen:		
Interoperability	AdminChannelUsers Deployers		
I±r=Diagnostics	Administrators		
	CrossDomainConnectors		
	Monitors		
	□ OracleSystemGroup		
How do I			
Create users	Save		



## 1.8.3 Plato Security Config Table Entries

Connection details for the embedded LDAP of weblogic (assuming the admin server is running on 10.99.99.10:7001) are given below:

## **Connection Details:**

URL: ldap:// 10.99.99.10:7001

**Server Base**: dc={DOMAIN\_NAME} (in our case it would be dc=ldap\_domain)

User Search Base: ou=people,ou=myrealm

Server User: cn=admin

Server Credentials: As setup in step Point 3 under 1.8.1

## Security Config Table Entries:

ID	VALUE	Description
LDAP_URL	ldap:// 10.99.99.10:7001	Valid LDAP Server address with port.
LDAP_SERVER_USER	cn=admin	LDAP server login username
LDAP_SERVER_BASE	dc=ldap_domain	LDAP Server Base
LDAP_SERVER_CREDENTIAL	ylksiMFfjVbfcpA7Qheh8Q==	LDAP server credentials in encrypted form(For Encryption steps, refer to Encrypted Utility section below)
LDAP_USER_SEARCH_BASE	ou=people,ou=myrealm	LDAP User Search Base
LDAP_PROVIDER	EMBEDDED_WEBLOGIC	Which LDAP Provider to be used. Also, if this row is not present in this table, then In- House Spring Plato LDAP will be used.

## 1.9 Oracle Analytic Server Setup

This section contains the following sub-sections:

- Prerequisite
- Start BI Server
- Upload BI Reports
- Test BI Reports

## 1.9.1 Prerequisite

Perform the following steps:

- Machine should have Java JDK to be installed.
- Oracle Analytics Server

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

## 1.9.2 Start BI Server

Perform the following steps to start BI server:

1. Start the weblogic server and analytics server.



2. Check the weblogic console whether analytics server is running.

## 1.9.3 Upload BI Reports

Perform the following steps to upload BI reports:

- 1. Login to the Analytics server console.
- Open the OSDC and check for the report Catalog object \{unzip folder}\REP\{reportfilename}.xdrz or any other Catalog objects listed below

Catalog Object	Extensions Supported
Data Model	.xdmz
Folder	.xdrz
Report	.xdoz
Style Template	.XSSZ
Subtemplate	.xsbz

3. Upload the catalog object to Analytics Server.

## 1.9.4 Test BI Reports

Perform the following steps to generate BI reports:

- 1. Open the application, and go the **Reports** section of the application.
- 2. Choose the report generation criteria. For example, **Start Date** or **End Date**.
- 3. Choose the format of the report.
- 4. Generate the report.

**NOTE:** If the format of the report selected is PDF, a PDF report will be generated.





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