

Oracle Banking Credit Facilities Process Management
ANNEXURE-1

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Oracle Banking Credit Facilities Process Management - ANNEXURE-1

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1. ANNEXURE

1.1 Introduction

This document is a supporting document, while installing PLATO applications you may find reference.

1.2 Place Holder update for Plato-Services

a) Method 1: Via setUserOverrides.sh file

1. Create a file called “**setUserOverrides.sh**” inside the Weblogic bin location
2. Following are the format of the setUserOverrides.sh file and the list of parameters that are to be passed in order to run the plato services properly.

Below are the list of -D params(ENV Variables) which needs to be set for all the individual services.

Setting a single -Dparam:

```
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>/plato-  
discovery-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-discovery-service.server.port=<DISCOVERY_SERVICE_PORT>

//Plato UI-Config Services

-Dflyway.domain.placeHolders.plato-ui-config-services.server.port=<UICONFIG_SERVICE_PORT>

-Dflyway.domain.placeHolders.plato-ui-config.username=<UICONFIG_SCHEMA_USERNAME>

-Dflyway.domain.placeHolders.plato-ui-config.password=<UICONFIG_SCHEMA_PASSWORD>

-Dflyway.domain.placeHolders.plato-ui-config.jdbcUrl=<UICONFIG_SCHEMA_URL>

-Dflyway.domain.placeHolders.plato-ui-config.schemas=<UICONFIG_SCHEMA_NAME>

//Plato Feed Services

-Dflyway.domain.placeHolders.plato-feed-services.feed.upload.directory=<FEED_SERVICE_UPLOAD_PATH>

-Dflyway.domain.placeHolders.plato-feed-services.server.port=<FEED_SERVICE_PORT>

-Dflyway.domain.placeHolders.plato-feed-services.username=<FEED_DB_USERNAME>

-Dflyway.domain.placeHolders.plato-feed-services.password=<FEED_DB_PASSWORD>

-Dflyway.domain.placeHolders.plato-feed-services.jdbcUrl=<FEED_DB_URL>

-Dflyway.domain.placeHolders.plato-feed-services.schemas=<FEED_SCHEMA_NAME>

//Plato Batch Server

-Dflyway.domain.placeHolders.plato-batch-server.server.port=<BATCH_SERVER_PORT>

-Dflyway.domain.placeHolders.plato-batch-server.plato.eventhub.kafka.brokers=<EVENTHUB_KAFKA_BROKERS>

-Dflyway.domain.placeHolders.plato-batch-server.plato.eventhub.zk.nodes=<ZK_NODES>

-Dflyway.domain.placeHolders.plato-batch-server.username=<BATCH_SCHEMA_USERNAME>

-Dflyway.domain.placeHolders.plato-batch-server.password=<BATCH_SCHEMA_PASSWORD>

-Dflyway.domain.placeHolders.plato-batch-server.jdbcUrl=<BATCH_SCHEMA_URL>

-Dflyway.domain.placeHolders.plato-batch-server.schemas=<BATCH_SCHEMA_NAME>

// Plato-Alerts-Management-Services

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

-Dflyway.domain.placeHolders.plato-alerts-management-services.plato.eventhub.kafka.brokers=<EVENTHUB_KAFKA_BROKERS>

-Dflyway.domain.placeHolders.plato-alerts-management-services.plato.eventhub.zk.nodes=<ZK_NODES>

-Dflyway.domain.placeHolders.plato-alerts-management-services.username=<ALERTS_SCHEMA_USERNAME>

-Dflyway.domain.placeHolders.plato-alerts-management-services.password=<ALERTS_SCHEMA_PASSWORD>

-Dflyway.domain.placeHolders.plato-alerts-management-services.jdbcUrl=<ALERTS_SCHEMA_URL>

-Dflyway.domain.placeHolders.plato-alerts-management-services.schemas=<ALERTS_SCHEMA_NAME>

//Plato Orch Service

-Dflyway.domain.placeHolders.plato-orch-service.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>

-Dflyway.domain.placeHolders.cmc-nlp-annotator-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-dashboard-widget-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-model-mngmnt-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-online-processing-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-tag-maint-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-text-extraction-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-txn-log-services.server.port=<Server_Port>

-Dflyway.domain.placeHolders.cmc-nlp-util-services.server.port=<Server_Port>
```

b) Method 2: Via passing the -D params in the Server start argument

All the above mentioned -D parameters can be passed via Server start argument in respective managed server.

Step 1:

Go to the Server Configuration tab and click on the 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.

[Customize this table](#)

Servers (Filtered - More Columns Exist)

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

New Clone Delete Showing 1 to 2 of 2 Previous | Next

	Name	Type	Cluster	Machine	State	Health	Listen Port
☐	AdminServer(admin)	Configured		whf00dkx	RUNNING	OK	7001
☐	managed1_server	Configured		whf00dkx	RUNNING	OK	7003

New Clone Delete Showing 1 to 2 of 2 Previous | Next

Step 2:

In the next screen, go to the Server start tab.

Settings for managed1_server

Configuration Protocols Logging Debug Monitoring Control Deployments Services Security Notes

General Cluster Services Keystores SSL Federation Services Deployment Migration Tuning Overload Concurrency Health Monitoring **Server Start**

Web Services Coherence

Click the **Lock & Edit** button in the Change Center to modify the settings on this page.

Save

Node Manager is a WebLogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to configure the startup settings that Node Manager will use to start this server on a remote machine.

Java Home: The Java home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Java Vendor: The Java Vendor value to use when starting this server. [More Info...](#)

BEA Home: The BEA home directory (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Root Directory: The directory that this server uses as its root directory. This directory must be on the computer that hosts Node Manager. If you do not specify a Root Directory value, the domain directory is used by default. [More Info...](#)

Class Path: The classpath (path on the machine running Node Manager) to use when starting this server. [More Info...](#)

Step 3:

Edit the Arguments tab and pass all the environment parameters required for the service to run.

Node Manager is a WebLogic Server utility that you can use to start, suspend, shut down, and restart servers in normal or unexpected conditions. Use this page to configure the startup settings that Node Manager will use to start this server on a remote machine.

Java Home:		The Java home directory (path on the machine running Node Manager) to use when starting this server. More Info...
Java Vendor:		The Java Vendor value to use when starting this server. More Info...
BEA Home:		The BEA home directory (path on the machine running Node Manager) to use when starting this server. More Info...
Root Directory:		The directory that this server uses as its root directory. This directory must be on the computer that hosts Node Manager. If you do not specify a Root Directory value, the domain directory is used by default. More Info...
Class Path:		The classpath (path on the machine running Node Manager) to use when starting this server. More Info...
Arguments:	<pre>-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</pre>	The arguments to use when starting this server. More Info...

Step 4:

Save the configuration and restart the managed server. Thereafter the service can be started or deployed properly.

c) Method 3: Using env files and setUserOverrides.sh file

Step 1:

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-config-deploy.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}"
```

Step 2: Need to place the env files containing all the key value pairs of the D params in the respective <domain>/env folder

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.zookeeper.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.password=

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

flyway.domain.placeholders.plato-config.schemas=

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.jdbcUrl=

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.password=
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.password=
flyway.domain.placeholders.plato-feed-services.jdbcUrl=
flyway.domain.placeholders.plato-feed-services.jndi=jdbc/PLATOFEEED
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.server.port=
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.jndi=jdbc/PLATOBATCH

### plato-alerts-management flyway placeholder entries ###
```

flyway.domain.placeholders.plato-alerts-management-services.username=
flyway.domain.placeholders.plato-alerts-management-services.password=
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=
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flyway.domain.placeholders.cmc-nlp-txn-log-services.server.port=
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flyway.domain.placeholders.cmc-fc-ai-ml-services.server.port=
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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.emailTemplate=
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
flyway.domain.placeholders.plato-sec.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 obcfpm services placeholder entries

-Dflyway.domain.placeholders.obcfpm.collateralpool-services.server.port=
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```

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```

```

### 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

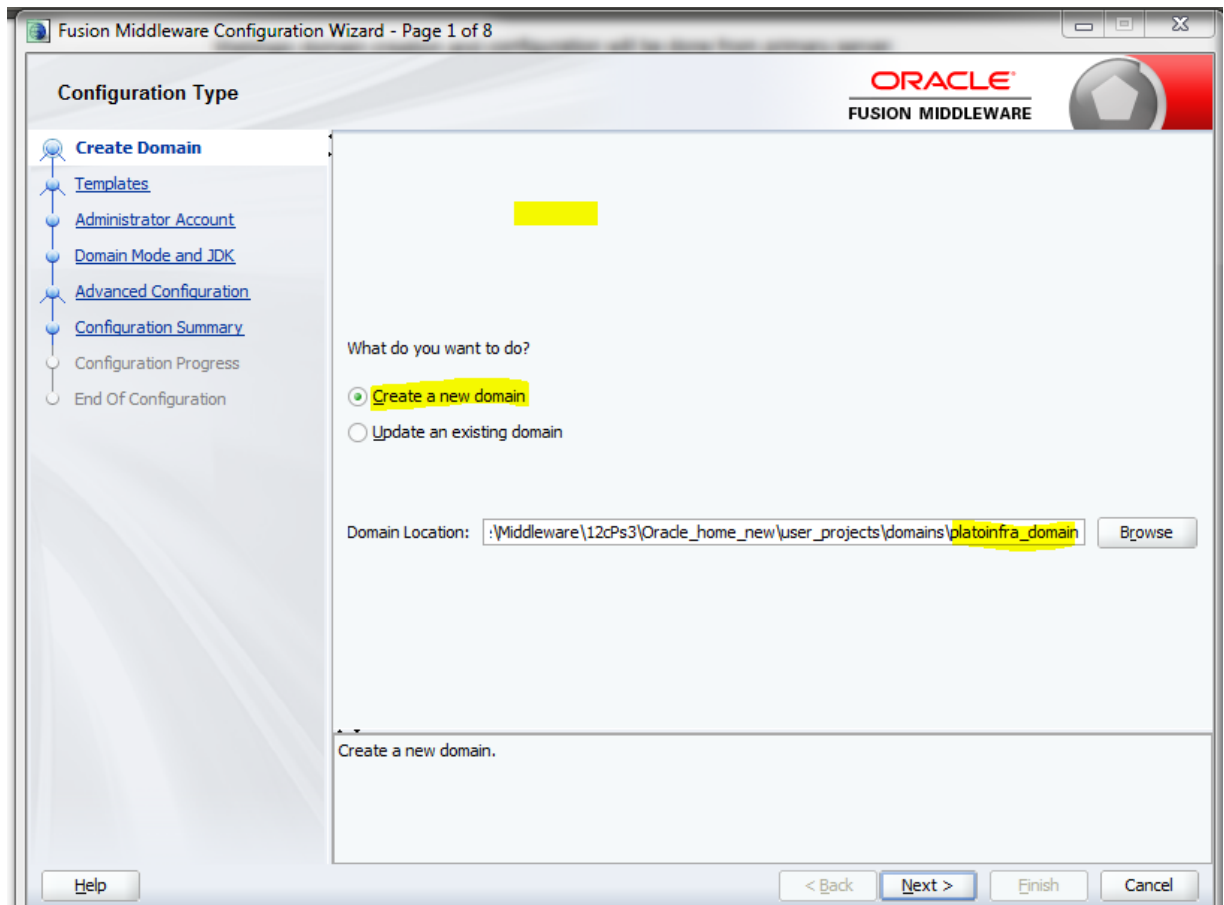
### generic entries for all services ###
spring.cloud.config.uri=
apigateway.url=
service.logging.environment=
service.logging.path=

```

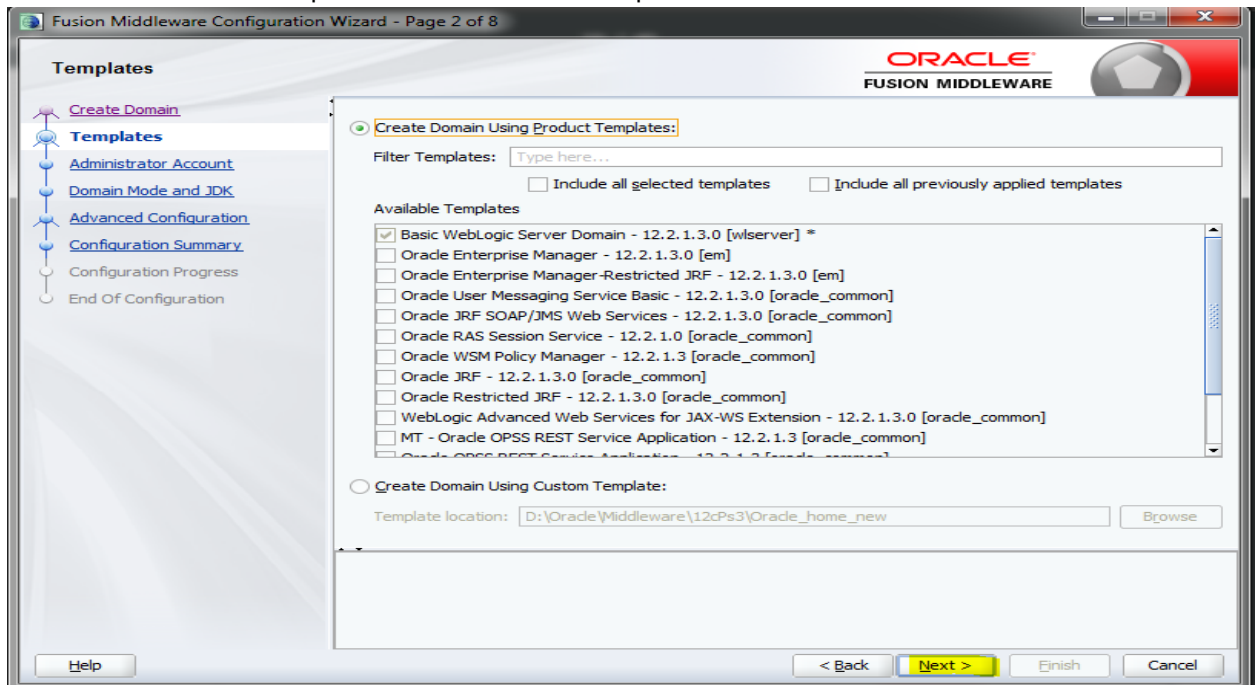
1.3 How to create Domain and Cluster Configuration

[Note: Name need not to be same as provided in Screenshot.]

1. Go to `/oracle_common/common/bin` and run `config.cmd` (or `.sh` if operating system is linux) and below the below screen shots to create domain with required cluster and server configurations.
2. Select **create a new domain** and **provide domain name**. e.g. `"platoinfra_domain"`



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



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

Fusion Middleware Configuration Wizard - Page 3 of 8

Administrator Account

ORACLE
FUSION MIDDLEWARE

Create Domain
Templates
Administrator Account
Domain Mode and JDK
Advanced Configuration
Configuration Summary
Configuration Progress
End Of Configuration

Name: weblogic
Password:
Confirm Password:

Must be the same as the password. Password must contain at least 8 alphanumeric characters with at least one number or special character.

Help < Back Next > Finish Cancel

5. Select Domain mode as **Production** and select **jdk**.

Fusion Middleware Configuration Wizard - Page 4 of 8

Domain Mode and JDK

ORACLE
FUSION MIDDLEWARE

Create Domain
Templates
Administrator Account
Domain Mode and JDK
Advanced Configuration
Configuration Summary
Configuration Progress
End Of Configuration

Domain Mode

☐ Development
Utilize boot.properties for username and password, and poll for applications to deploy.

☒ **Production**
Require the entry of a username and password, and do not poll for applications to deploy.

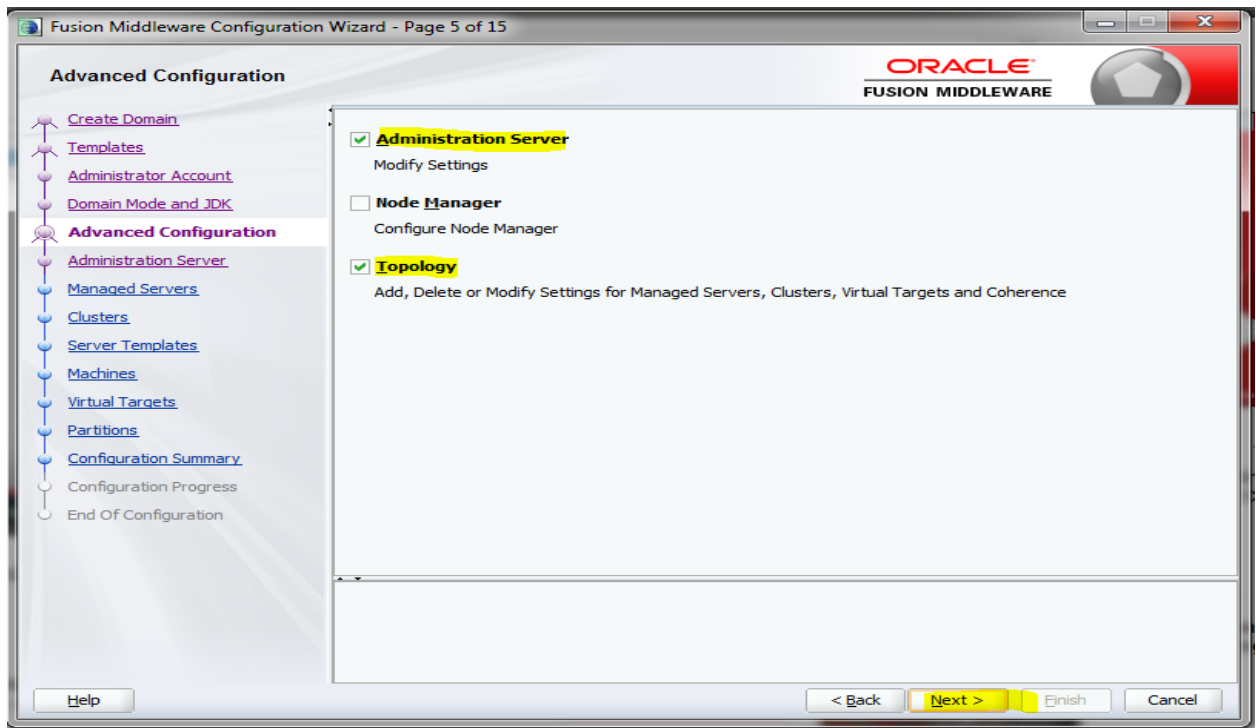
JDK

☒ Oracle HotSpot 1.8.0_171 C:\PROGRA~1\Java\JDK18~1.0_1

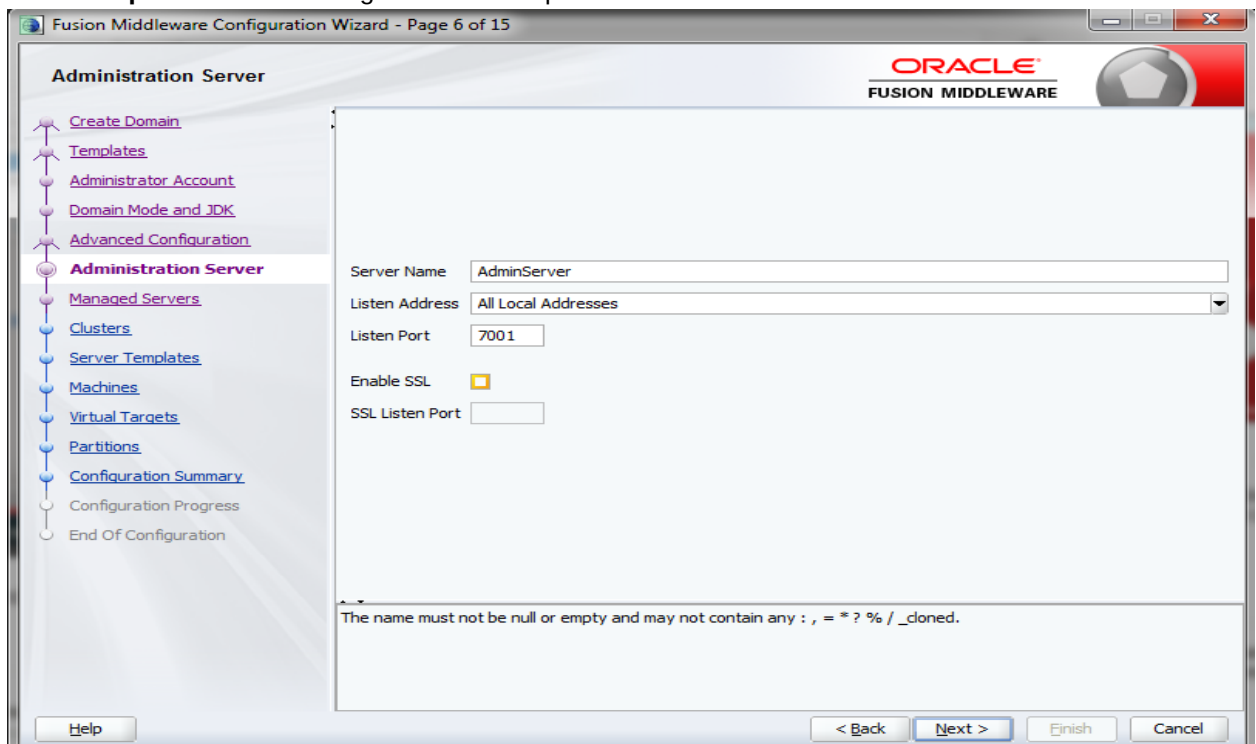
☐ Other JDK Location: Browse

Help < Back Next > Finish Cancel

6. Select **Administration Server** and **Topology** in advanced configurations.



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



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

Managed Servers

ORACLE
FUSION MIDDLEWARE

[Create Domain](#)
[Templates](#)
[Administrator Account](#)
[Domain Mode and JDK](#)
[Advanced Configuration](#)
[Administration Server](#)
Managed Servers
[Clusters](#)
[Server Templates](#)
[Machines](#)
[Virtual Targets](#)
[Partitions](#)
[Configuration Summary](#)
Configuration Progress
End Of Configuration

[Add](#) [Clone](#) [Delete](#) [Discard Changes](#)

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
Api_Gateway_Server	All Local Addresses	7005	☐	Disabled
Plato_UI_Config_Server	All Local Addresses	7006	☐	Disabled
Plato_Orch_Server	All Local Addresses	7007	☐	Disabled
Plato_Feed_Server	All Local Addresses	7008	☐	Disabled
Plato_Batch_Server	All Local Addresses	7009	☐	Disabled
Plato_Alerts_Management_Se	All Local Addresses	7010	☐	Disabled

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

9. Add clusters one for each **managed servers**.

Clusters

ORACLE
FUSION MIDDLEWARE

+ Add X Delete Discard Changes

Cluster Name	Cluster Address	Frontend Host	Frontend HTTP Port	Frontend HTTPS Port
Config_Cluster			0	0
Discovery_Cluster			0	0
Api_Gateway_Cluster			0	0
Plato_UI_Config_Clust			0	0
Plato_Orch_Cluster			0	0
Plato_Feed_Cluster			0	0
Plato_Batch_Cluster			0	0
Plato_Alerts_Managem			0	0

Help < Back Next > Finish Cancel

10. You can **skip server templates and dynamic servers.**

Fusion Middleware Configuration Wizard - Page 9 of 17

Server Templates

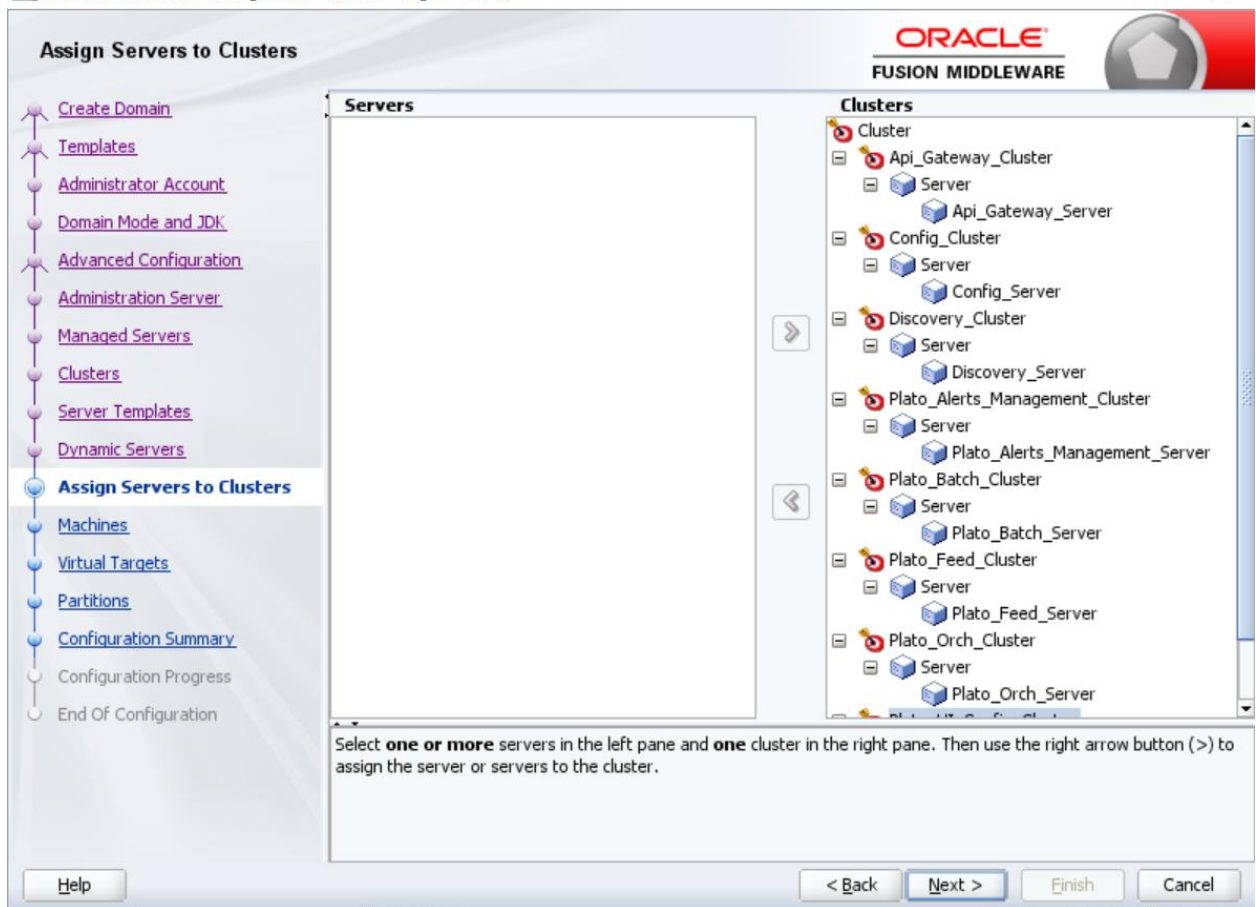
ORACLE
FUSION MIDDLEWARE

+ Add X Delete Discard Changes

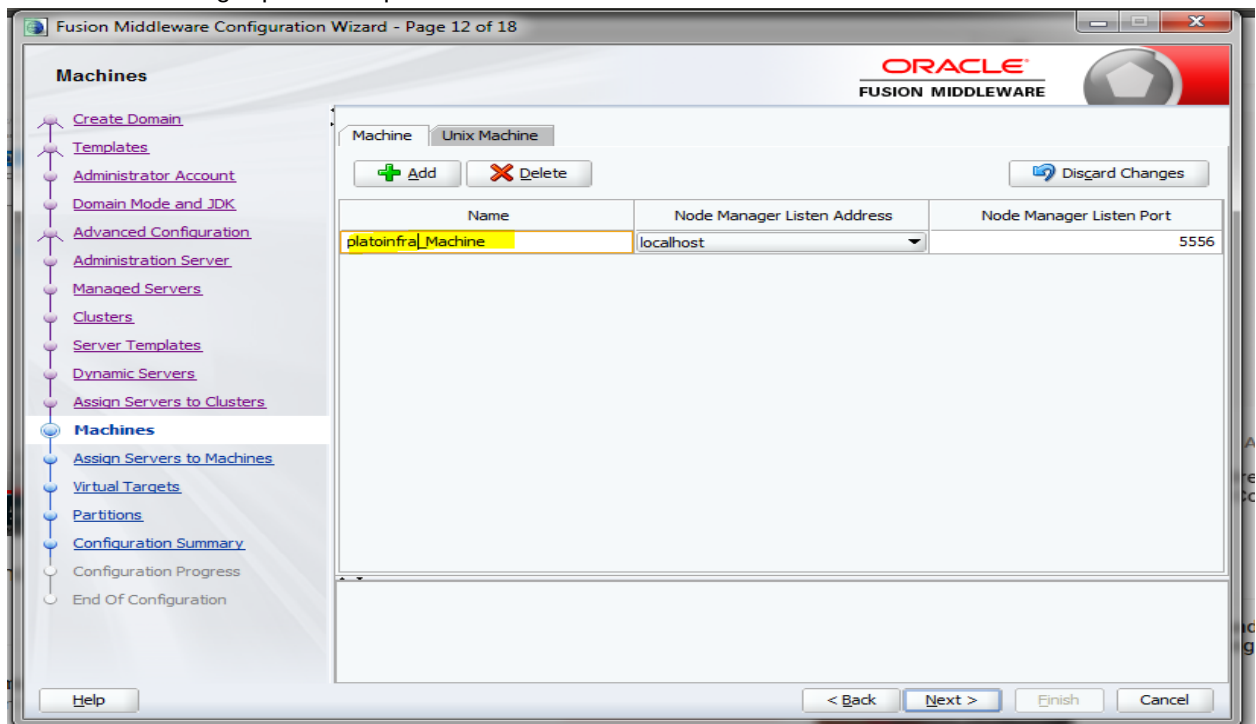
Name	Listen Port	SSL Listen Port	Enable SSL
			☐

Help < Back Next > Finish Cancel

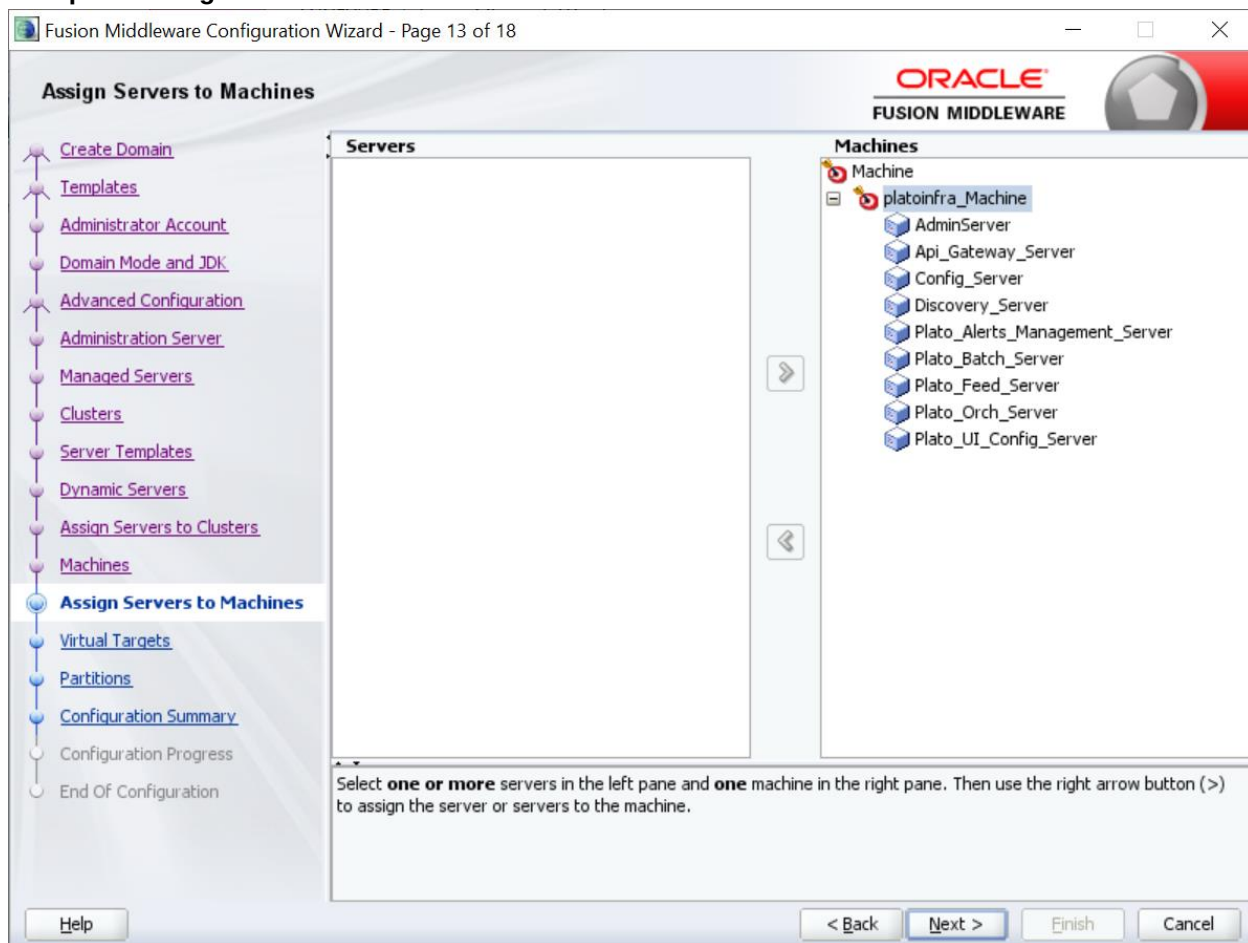
11. Assign **clusters with servers.**



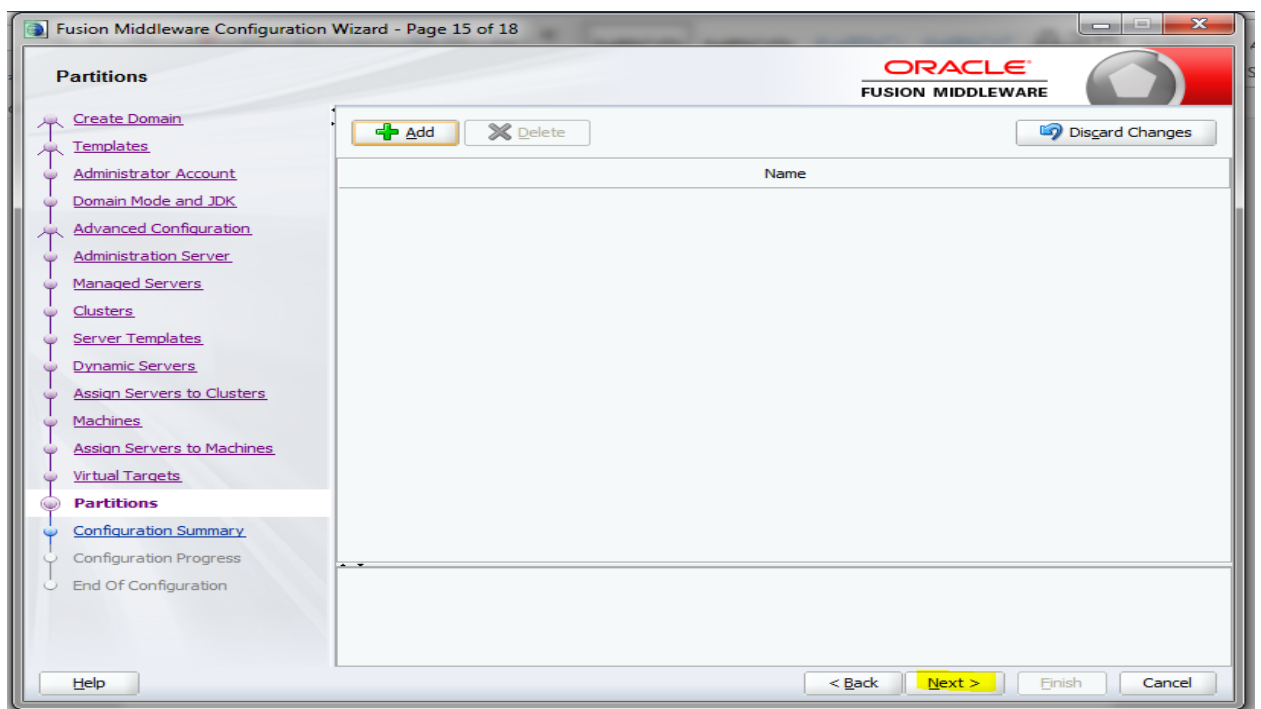
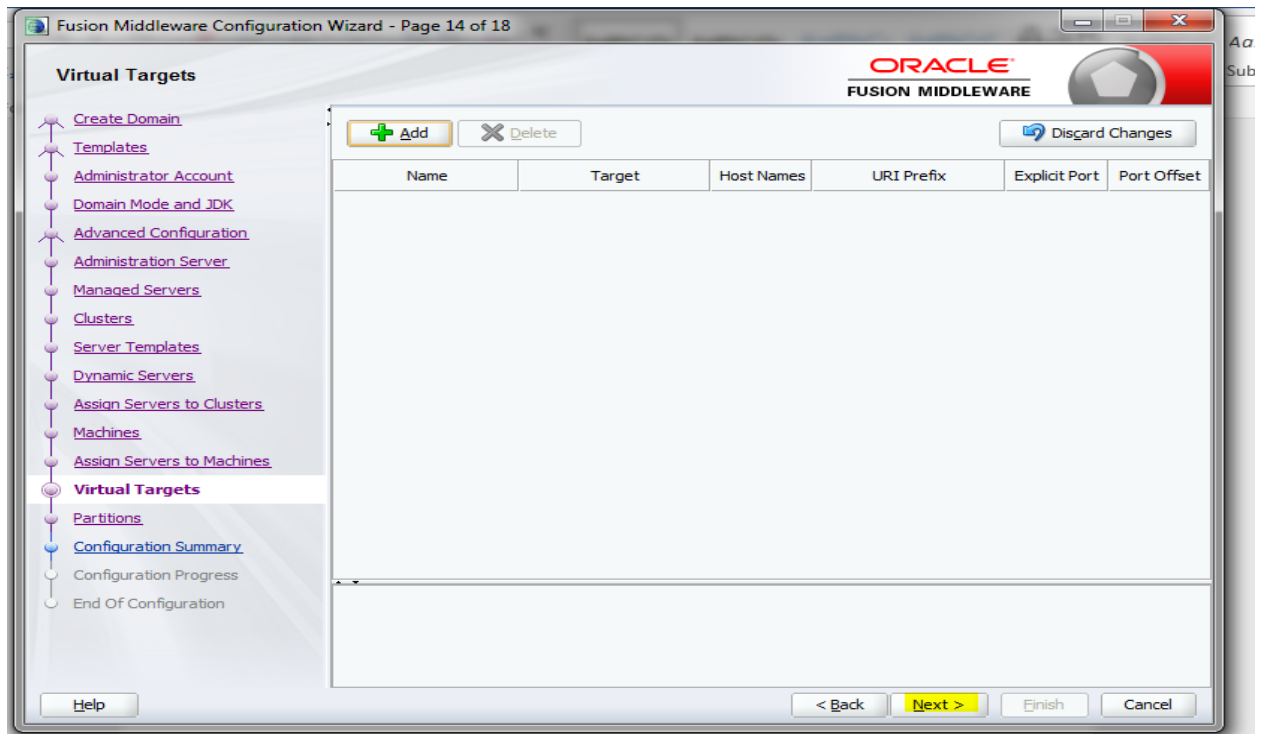
12. Add **Machine/ Unix Machine** based on operating system and configure name, listen address and node manager port as required.



13. Map all managed servers under the machine created.



14. Skip virtual targets and partitions or configure as required.



15. Check the configuration summary and confirm creating domain.

Fusion Middleware Configuration Wizard - Page 16 of 18

Configuration Summary

[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](#)
[Virtual Targets](#)
[Partitions](#)
Configuration Summary
[Configuration Progress](#)
[End Of Configuration](#)

View: Deployment

platoinfra_domain (C:\Users\ags\Documents\Oracle\Mid

- Server
 - Config_Server
 - Discovery_Server
 - Api_Gateway_Server
 - Plato_UI_Config_Server
 - Plato_Orch_Server
 - Plato_Feed_Server
 - Plato_Batch_Server
 - Plato_Alerts_Management_Server
- AdminServer
 - AdminServer
- Cluster
 - Config_Cluster
 - Discovery_Cluster
 - Api_Gateway_Cluster
 - Plato_UI_Config_Cluster
 - Plato_Orch_Cluster
 - Plato_Feed_Cluster
 - Plato_Batch_Cluster
 - Plato_Alerts_Management_Cluster

Name	Basic WebLogic Server Domain
Description	Create a basic WebLogic Server domain w
Author	Oracle Corporation
Location	C:\Users\ags\Documents\Oracle\Middlew

Select **Create** to accept the above options and start creating and configuring a new domain. To change the above configuration before starting Domain Creation, go back to the relevant page by selecting its name in the left pane, or by using the **Back** button.

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

Fusion Middleware Configuration Wizard - Page 17 of 18

Configuration Progress

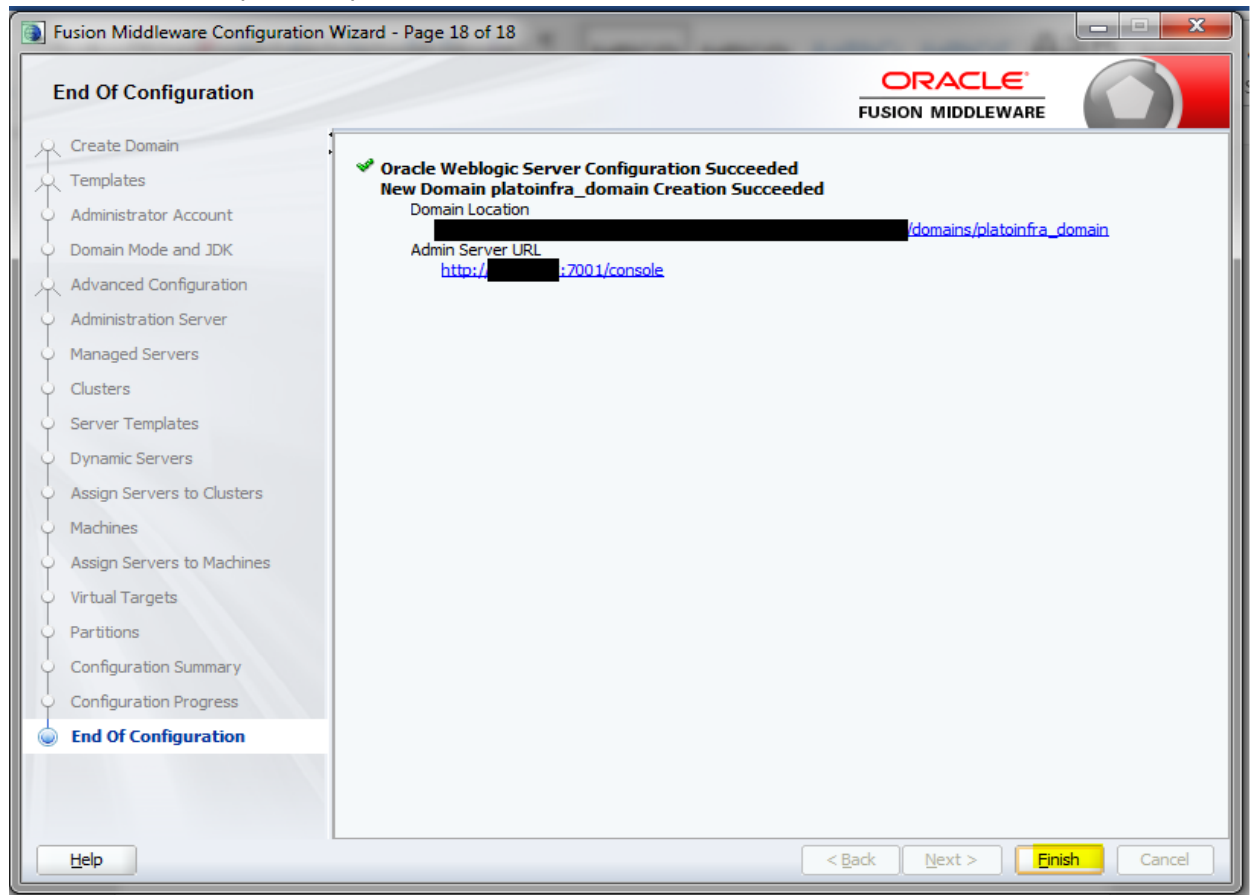
[Create Domain](#)
[Templates](#)
[Administrator Account](#)
[Domain Mode and JDK](#)
[Advanced Configuration](#)
[Administration Server](#)
[Managed Servers](#)
[Clusters](#)
[Server Templates](#)
[Dynamic Servers](#)
[Assign Servers to Clusters](#)
[Machines](#)
[Assign Servers to Machines](#)
[Virtual Targets](#)
[Partitions](#)
[Configuration Summary](#)
Configuration Progress
[End Of Configuration](#)

100%

- ✓ Copy Unprocessed Artifacts
- ✓ Security Processing
- ✓ Artifacts Generation
- ✓ String Substitution
- ✓ Post Processing

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

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



1.3.1 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. Go to /user_projects/domain/platoinfra_domain/bin
2. Perform all the Environment Setup steps like setting -D parameters, Embedded Weblogic Setup and changes required for OAuth.
3. Run startWeblogic.cmd (or .sh if operating system is linux)
4. Go to /user_projects/domains/platoinfra_domain/bin
5. Run setNMJavaHome.cmd (.sh)
6. Go to /user_projects/domains/platoinfra_domain/nodemanager
7. And edit nodemanager.properties as required(securelistner = false if ssl and keystore is not given) And in admin console also go to Machines- > platoinfra_Machine -> Node Manager -> Type -> Plain -> Save
8. Go to /user_projects/domains/platoinfra_domain/bin
9. Run startNodeManager.cmd (or .sh if operating system is linux)
10. Start all managed servers.
11. Login console and verify servers and clusters

delete items in this domain.

[Lock & Edit](#)

[Release Configuration](#)

Domain Structure

platoinfra_domain

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

How do I...

- Create Managed Servers
- Clone servers
- Delete Managed Servers
- Delete the Administration Server
- Start and stop servers
- View objects in the JNDI tree

System Status

Health of Running Servers as of 6:00 PM

Configuration **Control**

A server is an instance of WebLogic Server that runs in its own Java Virtual Machine (JVM) and has its own configuration. This page summarizes each server that has been configured in the current WebLogic Server domain.

[Customize this table](#)

Servers (Filtered - More Columns Exist)

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

[New](#) [Clone](#) [Delete](#) Showing 1 to 9 of 9 Previous | Next

☐	Name	Type	Cluster	Machine	State	Health	Listen Port
☐	AdminServer(admin)	Configured		platoinfra_Machine	RUNNING	OK	7001
☐	Api_Gateway_Server	Configured	Api_Gateway_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7005
☐	Config_Server	Configured	Config_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7003
☐	Discovery_Server	Configured	Discovery_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7004
☐	Plato_Alerts_Management_Server	Configured	Plato_Alerts_Management_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7010
☐	Plato_Batch_Server	Configured	Plato_Batch_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7009
☐	Plato_Feed_Server	Configured	Plato_Feed_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7008
☐	Plato_Orch_Server	Configured	Plato_Orch_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7007
☐	Plato_UI_Config_Server	Configured	Plato_UI_Config_Cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7006

[New](#) [Clone](#) [Delete](#) Showing 1 to 9 of 9 Previous | Next

Change Center

View changes and restarts

Click the **Lock & Edit** button to modify, add or delete items in this domain.

[Lock & Edit](#)

[Release Configuration](#)

Domain Structure

platoinfra_domain

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

How do I...

- Configure clusters
- Assign server instances to clusters
- Configure server migration in a cluster
- Configure cross-cluster replication
- Create dynamic clusters

[Home](#) [Log Out](#) [Preferences](#) [Record](#) [Help](#) [Welcome, weblogic](#) Connected to: platoinfra_domain

Home > Summary of Deployments > Summary of Servers > Summary of Clusters

Summary of Clusters

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

[Customize this table](#)

Clusters (Filtered - More Columns Exist)

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

[New](#) [Clone](#) [Delete](#) Showing 1 to 8 of 8 Previous | Next

☐	Name	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Channel	S
☐	Api_Gateway_Cluster		Unicast	Database	Round Robin	(None)		A
☐	Config_Cluster		Unicast	Database	Round Robin	(None)		C
☐	Discovery_Cluster		Unicast	Database	Round Robin	(None)		D
☐	Plato_Alerts_Management_Cluster		Unicast	Database	Round Robin	(None)		P
☐	Plato_Batch_Cluster		Unicast	Database	Round Robin	(None)		P
☐	Plato_Feed_Cluster		Unicast	Database	Round Robin	(None)		P
☐	Plato_Orch_Cluster		Unicast	Database	Round Robin	(None)		P
☐	Plato_UI_Config_Cluster		Unicast	Database	Round Robin	(None)		P

[New](#) [Clone](#) [Delete](#) Showing 1 to 8 of 8 Previous | Next

Change Center

View changes and restarts

Click the **Lock & Edit** button to modify, add or delete items in this domain.

[Lock & Edit](#)

[Release Configuration](#)

Domain Structure

platoinfra_domain

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

How do I...

- Configure clusters
- Assign server instances to clusters
- Configure server migration in a cluster
- Configure cross-cluster replication
- Create dynamic clusters

[Home](#) [Log Out](#) [Preferences](#) [Record](#) [Help](#) [Welcome, weblogic](#) Connected to: platoinfra_domain

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

Summary of Machines

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

[Customize this table](#)

Machines

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

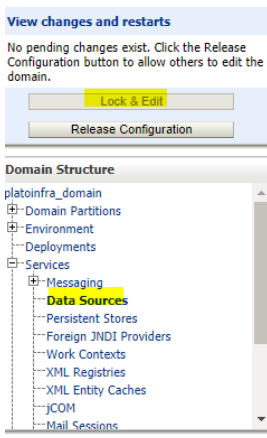
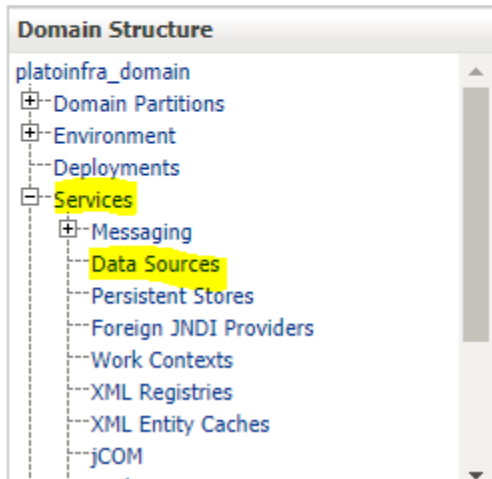
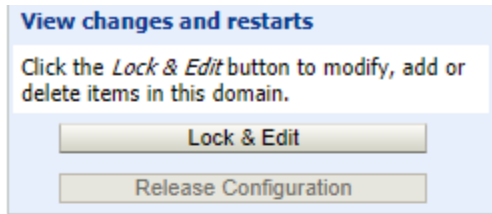
[New](#) [Clone](#) [Delete](#) Showing 1 to 1 of 1 Previous | Next

☐	Name	Type
☐	platoinfra_Machine	Machine

[New](#) [Clone](#) [Delete](#) Showing 1 to 1 of 1 Previous | Next

1.4 How to Create Datasource

1. Steps for creating data source is given below.
2. Start **AdminServer**, **Node Manager** and make sure all the **managed servers** (targets) are in running mode.
3. Go to **Services**-> **Datasources** -> **New** -> **Generic Datasource**.



Home > Summary of Deployments > Summary of Servers > Summary of JDBC Data Sources

Summary of JDBC Data Sources

Configuration Monitoring

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 to get a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

Customize this table

Data Sources (Filtered - More Columns Exist)

New	Delete			
Generic Data Source		Type	JNDI Name	Targets
GridLink Data Source				
Multi Data Source				
Proxy Data Source				
UCP Data Source				

- 4 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 identify your new JDBC data source.

* Indicates required fields

What would you like to name your new JDBC data source?

 * **Name:**

What scope do you want to create your data source in ?

Scope:

What JNDI name would you like to assign to your new JDBC Data Source?

 **JNDI Name:**

What database type would you like to select?

Database Type:

Back Next Finish Cancel

- 5 Select **Thin for Service Connections (Instant)** and click next.

Create a New JDBC Data Source

Back Next Finish Cancel

JDBC Data Source Properties

The following properties will 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:

Back Next Finish Cancel

6 Uncheck support for Global Transactions.

Home > Summary of Deployments > Summary of Servers > Summary of JDBC Data Sources

Create a New JDBC Data Source

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 option Emulate Two-Phase Commit.

☐ **Logging 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. Will can participate in the global transaction.

☒ **One-Phase Commit**

7 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

Connection Properties

Define Connection Properties.

What is the name of the database you would like to connect to?

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 to the database?

Port:

What database account user name do you want to use to create database connections?

Database User Name:

What is the database account password to use to create database connections?

Password:

Confirm Password:

Additional Connection Properties:

oracle.jdbc.DRCPConnectionClass:

Home > Summary of Deployments > Summary of Servers > Summary of JDBC Data Sources

Messages

✓ Connection test succeeded.

Create a New JDBC Data Source

Test Configuration | Back | Next | Finish | Cancel

Test Database Connection

Test the database availability and the connection properties you provided.

What is the full package name of JDBC driver class used to create database connections in the connection pool?
(Note that this driver class must be in the classpath of any server to which it is deployed.)

Driver Class Name:

8 Select targets to deploy data source.

platoimra_domain

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

How do I...

- Create JDBC generic data sources
- Create LLR-enabled JDBC data sources

System Status

Health of Running Servers as of 6:15 PM

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (1)

Servers

☐ AdminServer

Clusters

☒ Api_Gateway_Cluster
☐ All servers in the cluster
☒ Part of the cluster
☒ Api_Gateway_Server

☒ Config_Cluster
☐ All servers in the cluster
☒ Part of the cluster
☒ Config_Server

☒ Discovery_Cluster
☐ All servers in the cluster
☒ Part of the cluster
☒ Discovery_Server

☒ Plato_Alerts_Management_Cluster
☐ All servers in the cluster
☒ Part of the cluster
☒ Plato_Alerts_Management_Server

☒ Plato_Batch_Cluster
☐ All servers in the cluster
☒ Part of the cluster
☒ Plato_Batch_Server

☒ Plato_Feed_Cluster
☐ All servers in the cluster
☒ Part of the cluster
☒ Plato_Feed_Server

Microsoft Edge

9 View created datasources and verify jndi name and targets.

Summary of JDBC Data Sources

Configuration | Monitoring

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.

[Customize this table](#)

Data Sources (Filtered - More Columns Exist)

New ▾ Delete

Showing 1 to 1 of 1 Previous | Next

☐	Name ↕	Type	JNDI Name	Targets
☐	PLATO	Generic	jdbc/PLATO	Api_Gateway_Server, Config_Server, Discovery_Server, Plato_Alerts_Management_Server, Plato_Batch_Server, Plato_Feed_Server, ...

New ▾ Delete

Showing 1 to 1 of 1 Previous | Next

10 Activate changes after confirming details.

The first screenshot shows the 'Change Center' on the left with the 'Activate Changes' button highlighted. The main area shows the 'Summary of JDBC Data Sources' page with a 'Configuration' tab selected. The second screenshot shows the 'Change Center' with 'Lock & Edit' and 'Release Configuration' buttons. The main area shows the 'Summary of JDBC Data Sources' page with a table of data sources.

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

Domain Structure

platoinfra_domain

Domain Partitions

Change Center

View changes and restarts

Click the *Lock & Edit* button to modify, add or delete items in this domain.

Lock & Edit

Release Configuration

Domain Structure

Coherence Clusters

Resource Groups

Resource Group Templates

Machines

Virtual Hosts

Virtual Targets

Work Managers

Concurrent Templates

Resource Management

Startup and Shutdown Classes

Deployments

Services

Messaging

Data Sources

How do I...

- Create JDBC generic data sources
- Create JDBC GridLink data sources
- Create JDBC multi data sources

Home **Log Out** **Preferences** **Record** **Help**

Home > Summary of Deployments > Summary of Servers > **Summary of JDBC Data Sources**

Summary of JDBC Data Sources

Configuration **Monitoring**

A JDBC data source is an object bound to the JNDI tree that provides database connectivity from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

Customize this table

Data Sources (Filtered - More Columns Exist)

Click the *Lock & Edit* button in the Change Center to activate all the buttons on this page.

Name	Type	JNDI Name	Targets
PLATO	Generic	Jdbc/PLATO	Api_Gateway_Server, Config_Server, Discovery_Server, Plato_Alerts_Management_Server, Plato_Batch_Server, Plato_Feed_Server, ...

Showing 1 to 1 of 1 Previous | Next

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. Find the below screenshots to see how deployment of archive as application is done on weblogic.

1 Go to Deployments

The screenshot shows the 'Deployments' page in the Oracle WebLogic console. The left sidebar shows the 'Domain Structure' with 'Deployments' highlighted. The main area shows the 'Home Page' with 'Information and Resources' and 'Domain Configurations' sections.

View changes and restarts

Click the *Lock & Edit* button to modify, add or delete items in this domain.

Lock & Edit

Release Configuration

Domain Structure

platoinfra_domain

Domain Partitions

Environment

Deployments

Services

Security Realms

Interoperability

Diagnostics

How do I...

- Search the configuration

Home

Home Page

Information and Resources

Helpful Tools

- Configure applications
- Configure GridLink for RAC Data Source
- Configure a Dynamic Cluster
- Recent Task Status
- Set your console preferences

General Information

- Common Administration Task Descriptions
- Read the documentation
- Ask a question on My Oracle Support

Domain Configurations

Domain

- Domain

Domain Partitions

- Domain Partitions
- Partition Work Managers

Environment

- Servers

Resource Group Templates

- Resource Group Templates

Resource Groups

- Resource Groups

Deployed Resources

- Deployments**

Interoperability

- WTC Servers
- Jolt Connection Pools

Diagnostics

- Log Files
- Diagnostic Modules
- Built-in Diagnostic Modules
- Diagnostic Images

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

View changes and restarts

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

Lock & Edit

Release Configuration

Domain Structure

- platoinfra_domain
 - Domain Partitions
 - Environment
 - Deployments**
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

Home > Summary of Deployments

Summary of Deployments

Configuration Control Monitoring

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

You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then clicking the Update or Delete button.

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

Customize this table

Deployments

Install Update Delete

☐	Name ↕	State	Health	Type	Targets	Scope	Domain Partitions
There are no items to display							

Install Update Delete

View changes and restarts

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

Lock & Edit

Release Configuration

Domain Structure

- platoinfra_domain
 - Domain Partitions
 - Environment
 - Deployments
 - Services
 - Security Realms

Home > Summary of Deployments

Install Application Assistant

Back **Next** **Finish** **Cancel**

Locate deployment to install and prepare for deployment

Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path directory or file in the Path field.

Note: Only valid file paths are displayed below. If you cannot find your deployment files, **Upload your file(s)** and/or confirm that your application contains the required deployment descriptor

Path: D:\

Recently Used Paths: (none)

Current Location: localhost \ D:

3 Select archive by clicking on **Upload your file(s)** button, **choose file** and click **next**.

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

Lock & Edit

Release Configuration

Domain Structure

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

Install Application Assistant

Back **Next** **Finish** **Cancel**

Upload a deployment to the Administration Server

Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Open button.

Deployment Archive: **Choose File** No file chosen

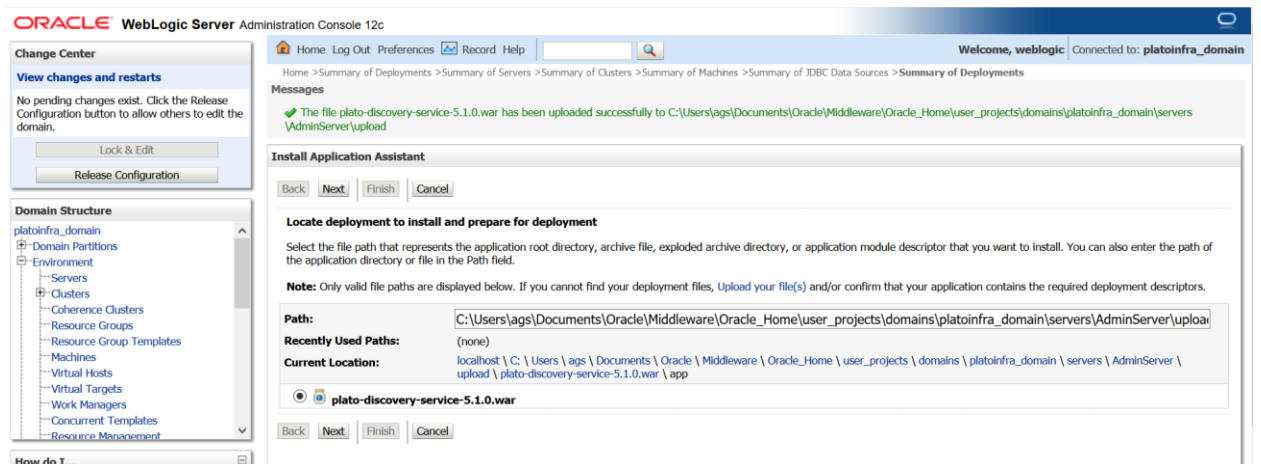
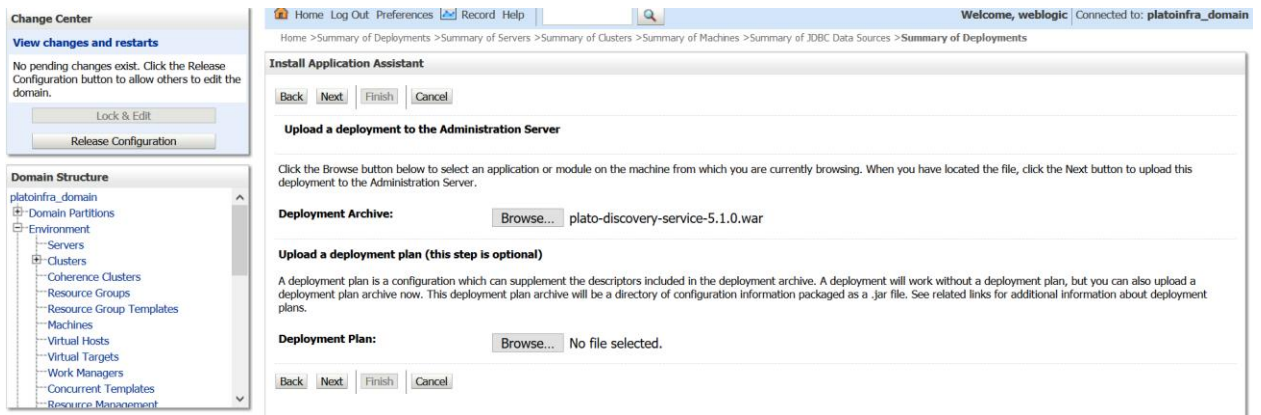
Upload a deployment plan (this step is optional)

A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment will work without a plan. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See related links for additional information.

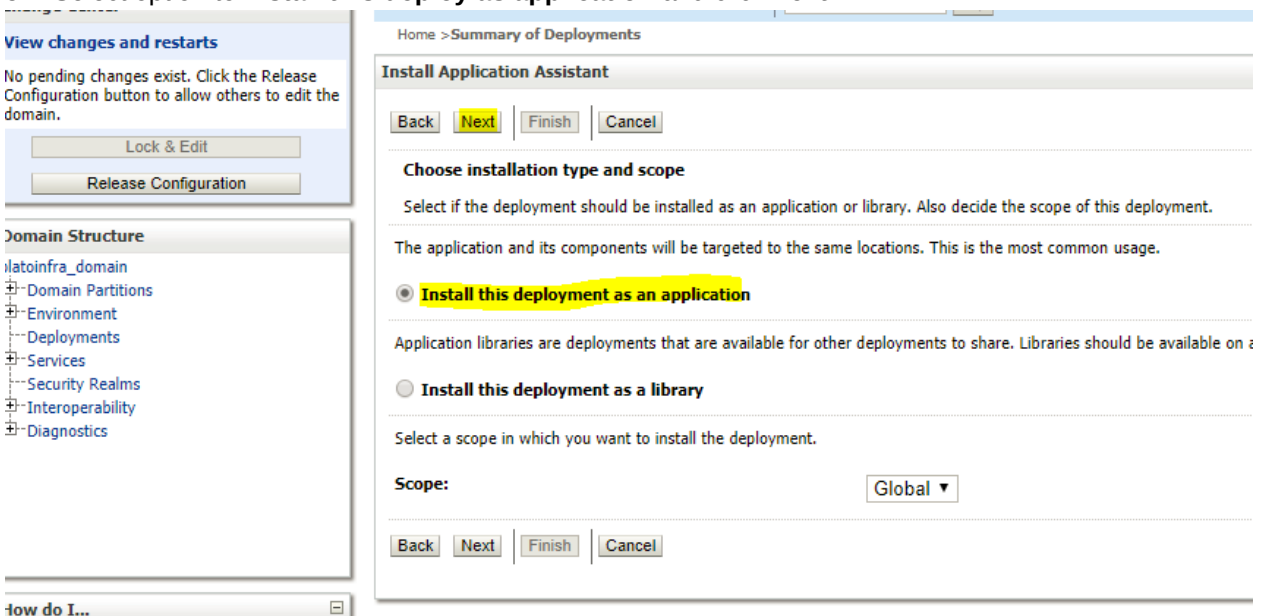
Deployment Plan Archive: **Choose File** No file chosen

Back **Next** **Finish** **Cancel**

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



5 Select option to Install this deploy as application and click next.



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

Domain Structure

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

How do I...

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

System Status

Health of Running Servers as of 6:34 PM

Failed (0)

Available targets for plato-discovery-service-5.1.0 :

Servers

☐ AdminServer

Clusters

☐ Api_Gateway_Cluster

☐ All servers in the cluster

☐ Part of the cluster

☐ Api_Gateway_Server

☐ Config_Cluster

☐ All servers in the cluster

☐ Part of the cluster

☐ Config_Server

☒ Discovery_Cluster

☐ All servers in the cluster

☒ Part of the cluster

☒ Discovery_Server

☐ Plato_Alerts_Management_Cluster

☐ All servers in the cluster

☐ Part of the cluster

☐ Plato_Alerts_Management_Server

Change Center

View changes and restarts

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

Domain Structure

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

How do I...

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

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: platoinfra_domain

Home > Summary of Deployments > Summary of Servers > Summary of Clusters > Summary of Machines > Summary of JDBC Data Sources > Summary of Deployments

Install Application Assistant

Optional Settings

You can modify these settings or accept the defaults.

* Indicates required fields

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?

☒ **DD 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.

☐ **Custom Roles and Policies:** Use only roles and policies that are defined in the Administration Console.

☐ **Advanced:** Use a custom model that you have configured on the realm's configuration page.

Source Accessibility

How should the source files be made accessible?

☒ **Use the defaults defined by the deployment's targets**

7 Click Finish and Click save and activate changes.

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Domain Structure

- Environment
 - Servers
 - Clusters
 - Coherence Clusters
 - Resource Groups
 - Resource Group Templates
 - Machines
 - Virtual Hosts
 - Virtual Targets
 - Work Managers
 - Concurrent Templates
 - Resource Management
 - Startup and Shutdown Classes
- Deployments

How do I...

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

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: platoinfra_domain

Home > Summary of Deployments > Summary of Servers > Summary of Clusters > Summary of Machines > Summary of JDBC Data Sources > Summary of Deployments

Messages

☒ The deployment has been successfully installed.

☒ You must also activate the pending changes to commit this, and other updates, to the active system.

Summary of Deployments

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

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

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

Customize this table

Deployments

Showing 1 to 1 of 1 Previous Next

☐	Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐	plato-discovery-service-5.1.0	distribute	Initializing	Web Application	Discovery_Server	Global		100

Showing 1 to 1 of 1 Previous Next

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: platoinfra_domain

Home > Summary of Deployments > Summary of Servers > Summary of Clusters > Summary of Machines > Summary of JDBC Data Sources > Summary of Deployments

Change Center
View changes and restarts
Click the *Lock & Edit* button to modify, add or delete items in this domain.
Lock & Edit
Release Configuration

Domain Structure
Environment
Servers
Clusters
Coherence Clusters
Resource Groups
Resource Group Templates
Machines
Virtual Hosts
Virtual Targets
Work Managers
Concurrent Templates
Resource Management
Startup and Shutdown Classes
Deployments

How do I...
Install an enterprise application
Configure an enterprise application

Summary of Deployments
Configuration Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.
You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.
To install a new application or module for deployment to targets in this domain, click **Install**.

Customize this table

Deployments
Install Update Delete Showing 1 to 1 of 1 Previous Next

☐	Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐	plato-discovery-service-5.1.0	New		Web Application	Discovery_Server	Global		100

Install Update Delete Showing 1 to 1 of 1 Previous Next

8 Click **deployments >Control** to changes the state of application from prepared to active status.

Change Center
View changes and restarts
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.
Lock & Edit
Release Configuration

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

Summary of Deployments
Configuration **Control** Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.
You can start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

Customize this table

Deployments
Start Stop Showing 1 to 1 of 1 Previous Next

☐	Name	State	Health	Type	Targets	Scope	Domain Partitions
☐	plato-discovery-service-5.1.0	Prepared	OK	Web Application	Discovery_Server	Global	

Start Stop Showing 1 to 1 of 1 Previous Next

9 Under deployment clink on **Start dropdown** and Click **Start all requests**.

Change Center
View changes and restarts
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.
Lock & Edit
Release Configuration

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

Summary of Deployments
Configuration **Control** Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.
You can start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

Customize this table

Deployments
Start Stop Showing 1 to 1 of 1 Previous Next

☐	Name	State	Health	Type	Targets	Scope	Domain Partitions
☐	plato-discovery-service-5.1.0	Prepared	OK	Web Application	Discovery_Server	Global	

Start Stop Showing 1 to 1 of 1 Previous Next

Servicing all requests
Servicing only administration requests

10 Click on **Yes**.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: platoinfra_domain

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

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

platoinfra_domain

- Domain Partitions
- Environment
 - Servers

Start Application Assistant

Yes No

Start Deployments

You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.

- plato-discovery-service-5.1.0

Yes No

12. Now you should see status as **Active** in the state column.

Home Log Out Preferences Record Help Welcome, weblogic Connected to: platoinfra_domain

Home > Summary of Clusters > Summary of Machines > Summary of JDBC Data Sources > Summary of Deployments > Summary of Servers > Summary of Deployments > Summary of Servers > Discovery_Server > Summary of Servers > Summary of Deployments

Summary of Deployments

Configuration Control Monitoring

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

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

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

Customize this table

Deployments

Install Update Delete Showing 1 to 1 of 1 Previous Next

☐	Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐	plato-discovery-service-5.1.0	Active	OK	Web Application	Discovery_Server	Global		100

Install Update Delete Showing 1 to 1 of 1 Previous Next

1.6 How to Restart Servers

1. Go to **Environment -> Servers**.

View changes and restarts

Click the *Lock & Edit* button to modify, add or delete items in this domain.

Lock & Edit
Release Configuration

Domain Structure

platoinfra_domain

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

2. Click on **Control** tab.

The screenshot shows the WebLogic Server Administration Console. On the left, the 'Change Center' and 'Domain Structure' panels are visible. The 'Domain Structure' panel shows a tree view with 'platoinfra_domain' expanded, showing 'Domain Partitions', 'Environment', 'Servers', 'Clusters', 'Coherence Clusters', 'Resource Groups', 'Resource Group Templates', 'Machines', 'Virtual Hosts', 'Virtual Targets', 'Work Managers', 'Concurrent Templates', and 'Resource Management'. The 'How do I...' panel lists tasks like 'Start and stop servers', 'Start Managed Servers from the Administration Console', 'Restart SSL', 'Start Managed Servers in Admin mode', and 'Start Managed Servers in a cluster'.

The main content area shows the 'Summary of Servers' page with the 'Control' tab selected. A message states: '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.'

Below the message is a 'Customize this table' link and a 'Servers (Filtered - More Columns Exist)' section. It includes buttons for 'Start', 'Resume', 'Suspend', 'Shutdown', and 'Restart SSL'. A table lists the servers with their states and last action status.

Server	Machine	State	Status of Last Action
☐ AdminServer(admin)	platoinfra_Machine	RUNNING	None
☐ Apl_Gateway_Server	platoinfra_Machine	SHUTDOWN	None
☐ Config_Server	platoinfra_Machine	SHUTDOWN	None
☐ Discovery_Server	platoinfra_Machine	RUNNING	None
☐ Plato_Alerts_Management_Server	platoinfra_Machine	SHUTDOWN	None
☐ Plato_Batch_Server	platoinfra_Machine	SHUTDOWN	None
☐ Plato_Feed_Server	platoinfra_Machine	SHUTDOWN	None
☐ Plato_Orch_Server	platoinfra_Machine	SHUTDOWN	None
☐ Plato_UI_Config_Server	platoinfra_Machine	SHUTDOWN	None

3. select servers to **shutdown**

The screenshot shows the same WebLogic Server Administration Console interface. In the 'Servers (Filtered - More Columns Exist)' section, the 'Shutdown' button is selected. A tooltip appears over the 'Shutdown' button, showing 'When work completes' and 'Force shutdown now'. The table below shows the state of the servers after the action.

Server	Machine	State	Status of Last Action
☐ AdminServer(admin)	platoinfra_Machine	RUNNING	None
☐ Apl_Gateway_Server	platoinfra_Machine	SHUTDOWN	None
☐ Config_Server	platoinfra_Machine	SHUTDOWN	None
☒ Discovery_Server	platoinfra_Machine	RUNNING	None

4. Click **yes** to confirm shutdown.

The screenshot shows the 'Server Life Cycle Assistant' dialog box. It has a 'Yes' button and a 'No' button. The 'Forcibly Shutdown Servers' section is active, showing a list of servers to be shut down: 'Discovery_Server'. Below the list, there is a message: 'You have selected the following servers to be immediately shut down. Press 'Yes' to continue or 'No' to cancel.'

Yes No

Forcibly Shutdown Servers

You have selected the following servers to be immediately shut down. Press 'Yes' to continue or 'No' to cancel.

- Discovery_Server

Yes No

5. You should see status as shown below

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: platoinfra_domain

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

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

platoinfra_domain

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

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

Summary of Servers

Configuration Control

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

Customize this table

Servers (Filtered - More Columns Exist)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 9 of 9 Previous Next

Server	Machine	State	Status of Last Action
☐ AdminServer(admin)	platoinfra_Machine	RUNNING	None
☐ Api_Gateway_Server	platoinfra_Machine	SHUTDOWN	None
☐ Config_Server	platoinfra_Machine	SHUTDOWN	None
☐ Discovery_Server	platoinfra_Machine	SHUTDOWN	TASK IN PROGRESS

- When all requested servers are running, go to deployments and check if deployments are in active state.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: platoinfra_domain

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

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

platoinfra_domain

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

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

Summary of Servers

Configuration Control

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

Customize this table

Servers (Filtered - More Columns Exist)

Start Resume Suspend Shutdown Restart SSL Showing 1 to 9 of 9 Previous Next

Server	Machine	State	Status of Last Action
☐ AdminServer(admin)	platoinfra_Machine	RUNNING	None
☐ Api_Gateway_Server	platoinfra_Machine	SHUTDOWN	None
☐ Config_Server	platoinfra_Machine	SHUTDOWN	None
☐ Discovery_Server	platoinfra_Machine	RUNNING	TASK COMPLETED

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: platoinfra_domain

Home > Summary of Servers > Summary of Deployments > Summary of Servers > Discovery_Server > Summary of Servers > Summary of Deployments > Summary of Servers > Summary of

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

platoinfra_domain

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

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

Summary of Deployments

Configuration Control Monitoring

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

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

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

Customize this table

Deployments

Install Update Delete Showing 1 to 1 of 1 Previous Next

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐ plato-discovery-service-5.1.0	Active	OK	Web Application	Discovery_Server	Global		100

Install Update Delete Showing 1 to 1 of 1 Previous Next

1.7 How to check port No

Please follow below steps to check port no's:-

1. Login to WebLogic console using user id and password.
2. Click on **Environment** and **Server**.



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

☐	Name	Type	Cluster	Machine	State	Health	Listen Port
☐	AdminServer(admin)	Configured			RUNNING	✓ OK	7020
☐	managed_server1	Configured		Machine1	RUNNING	✓ OK	7023

1.8 Weblogic Embedded LDAP Setup

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

1.8.1 Steps to configure weblogic LDAP

- 1) Open the admin console for the weblogic . Click on domain name in left panel.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: ldap_domain

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
ldap_domain
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Search the configuration
Use the Change Center
Record WLST scripts
Change Console preferences
Manage Console extensions
Monitor servers

Home Page

Information and Resources

Helpful Tools

- Configure applications
- Configure GridLink for RAC Data Source
- Configure a Dynamic Cluster
- Recent Task Status
- Set your console preferences

General Information

- Common Administration Task Descriptions
- Read the documentation
- Ask a question on My Oracle Support

Domain Configurations

Domain

- Domain

Resource Group Templates

- Resource Group Templates

Interoperability

- WTC Servers
- Jolt Connection Pools

Domain Partitions

- Domain Partitions
- Partition Work Managers

Resource Groups

- Resource Groups

Diagnostics

- Log Files
- Diagnostic Modules
- Built-in Diagnostic Modules
- Diagnostic Images
- Request Performance
- Archives
- Context

Environment

- Servers
- Clusters
 - Server Templates
 - Migratable Targets

Deployed Resources

- Deployments

Services

- Messaging
 - JMS Servers

2) Under Settings for ldap_domain, click on “Security” tab and then on “Embedded LDAP” tab.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: ldap_domain

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
ldap_domain
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Configure the embedded LDAP server
Configure authentication and identity assertion providers

System Status
Health of Running Servers as of: 12:36 AM

Settings for ldap_domain

Configuration Monitoring Control **Security** Web Service Security J2EE Control Notes

General Filter Unlock User **Embedded LDAP** Roles Policies SSL Certificate Revocation Checking JASPRC

Save

This page allows you to configure the embedded LDAP server for this WebLogic Server domain.

Credential: [Redacted] The credential (usually a password) used to connect to the embedded LDAP server. [More Info...](#)

Confirm Credential: [Redacted]

Backup Hour: 23 The hour at which the embedded LDAP server should be backed up. [More Info...](#)

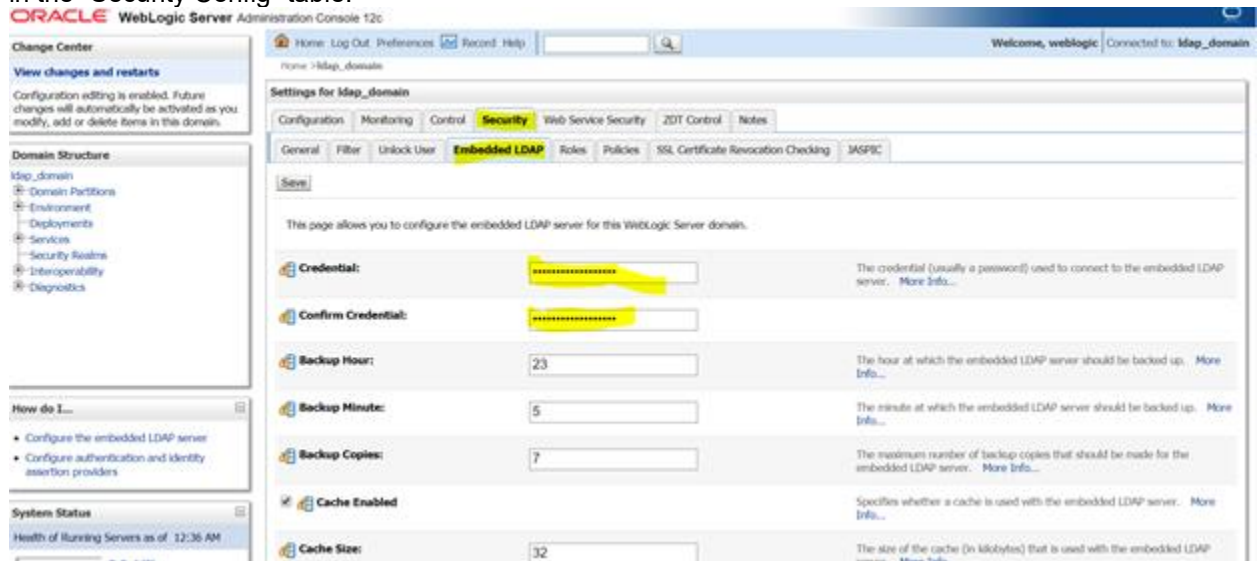
Backup Minute: 5 The minute at which the embedded LDAP server should be backed up. [More Info...](#)

Backup Copies: 7 The maximum number of backup copies that should be made for the embedded LDAP server. [More Info...](#)

☒ **Cache Enabled** Specifies whether a cache is used with the embedded LDAP server. [More Info...](#)

Cache Size: 32 The size of the cache (in kilobytes) that is used with the embedded LDAP server. [More Info...](#)

- 3) Here you can set the credentials for Weblogic Embedded LDAP store. This is will be needed in the “Security Config” table.

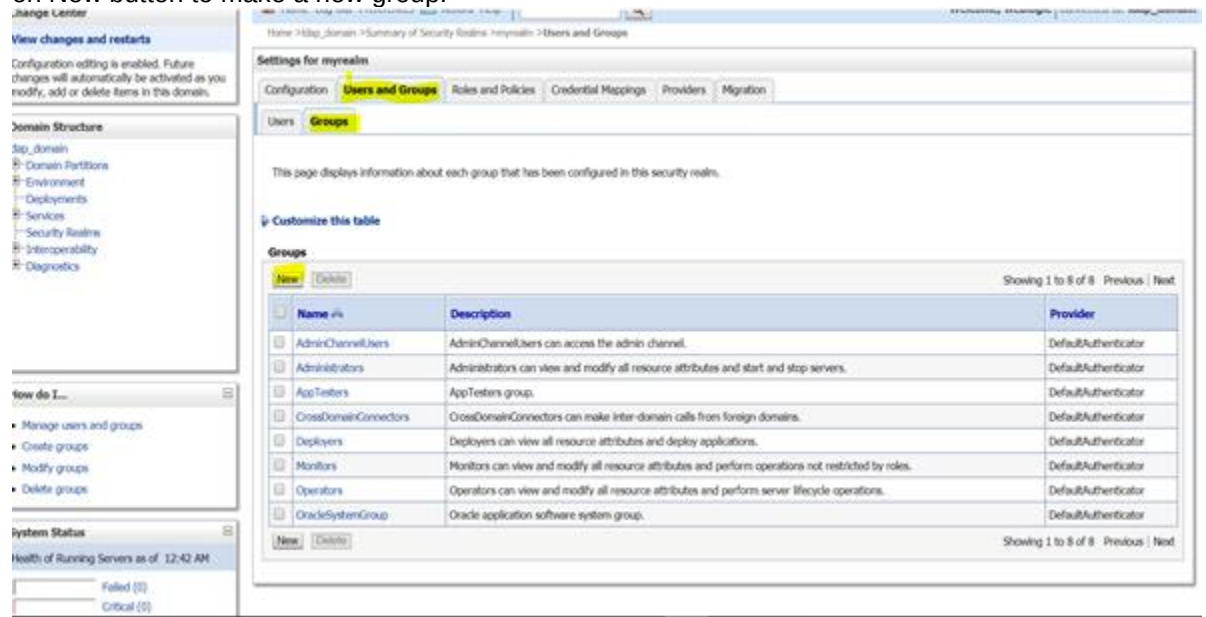


1.8.2 Creating Users

- 1) In the side panel, click on “Security Realms” and in the subsequent “Summary of Security Realms” window click on “myrealm”.



- 2) Under “Settings for myrealm”, click on “Users and Groups” and then on “Groups” tab. Click on New button to make a new group.



- 3) Add the relevant details and click on OK. The new group will be created.

Create a New Group

OK Cancel

Group Properties

The following properties will be used to identify your new Group.

* Indicates required fields

What would you like to name your new Group?

* Name:

How would you like to describe the new Group?

Description:

Please choose a provider for the group.

Provider:

OK Cancel

- 4) Now to create user click on “Users” tab and click on New button.

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

dap_domain

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

How do I...

- Manage users and groups
- Create users
- Modify users
- Delete users

System Status

Health of Running Servers as of 12:48 AM

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: ldap_domain

Home > ldap_domain > Summary of Security Realms > myrealm > Users and Groups > TestGroup > Summary of Security Realms > myrealm > Users and Groups

Settings for myrealm

Configuration Users and Groups Roles and Policies Credential Mappings Providers Migration

Users Groups

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

Showing 1 to 3 of 3 Previous Next

☐	Name	Description	Provider
☐	LCMUser	This is the default service account for WebLogic Server Lifecycle Manager configuration updates.	DefaultAuthenticator
☐	OracleSystemUser	Oracle application software system user.	DefaultAuthenticator
☐	weblogic	This user is the default administrator.	DefaultAuthenticator

New Delete

Showing 1 to 3 of 3 Previous Next

- 5) Enter the required details for the user. After completing click on OK. The user will be created.

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

Domain Structure

ldap_domain

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

How do I...

- Create users
- Modify users
- Delete users
- Create groups
- Manage users and groups

System Status

Health of Running Servers as of 12:48 AM

Failed (0)

Create a New User

OK Cancel

User Properties

The following properties will be used to identify your new User.

* Indicates required fields

What would you like to name your new User?

* Name: testuser

How would you like to describe the new User?

Description: user for testing

Please choose a provider for the user.

Provider: DefaultAuthenticator

The password is associated with the login name for the new User.

* Password:

* Confirm Password:

OK Cancel

- 6) Now to assign the newly created user to some group, click on the newly created user.

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, there's a 'Change Center' sidebar with 'View changes and restarts' and a 'Domain Structure' tree. The main area is titled 'Settings for myrealm' with tabs for 'Configuration', 'Users and Groups', 'Roles and Policies', 'Credential Mappings', 'Providers', and 'Migration'. The 'Users and Groups' tab is active, showing a list of users. A message at the top says 'User created successfully'. The user list has columns for Name, Description, and Provider. The 'testuser' is highlighted.

Name	Description	Provider
LCMUser	This is the default service account for WebLogic Server Lifecycle Manager configuration updates.	DefaultAuthenticator
OracleSystemUser	Oracle application software system user.	DefaultAuthenticator
testuser	user for testing	DefaultAuthenticator
weblogic	This user is the default administrator.	DefaultAuthenticator

- 7) Now under "Setting for testuser"(or whatever your user's name is) window, click on "Groups" tab.

The screenshot shows the 'Settings for testuser' window. The 'Groups' tab is selected. It displays a list of 'Available' groups on the left and a 'Chosen' group list on the right. The 'Available' list includes Administrators, AppTesters, CrossDomainConnectors, Deployers, Monitors, Operators, OracleSystemGroup, and TestGroup. The 'Chosen' list is currently empty.

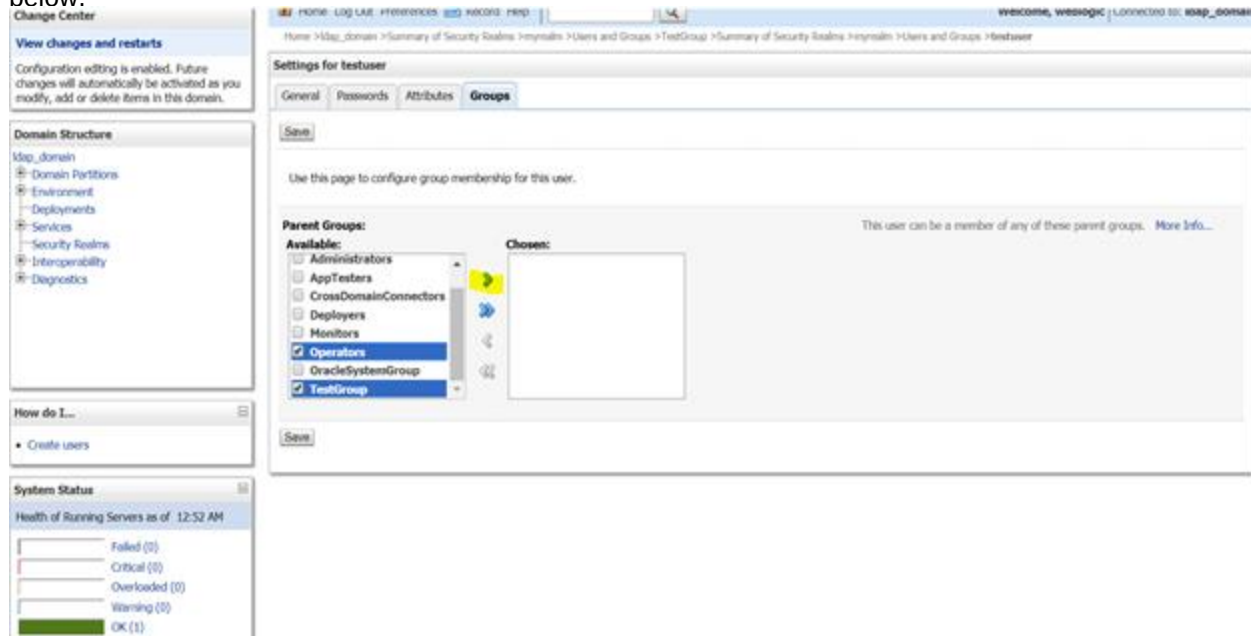
Available:

- Administrators
- AppTesters
- CrossDomainConnectors
- Deployers
- Monitors
- Operators
- OracleSystemGroup
- TestGroup

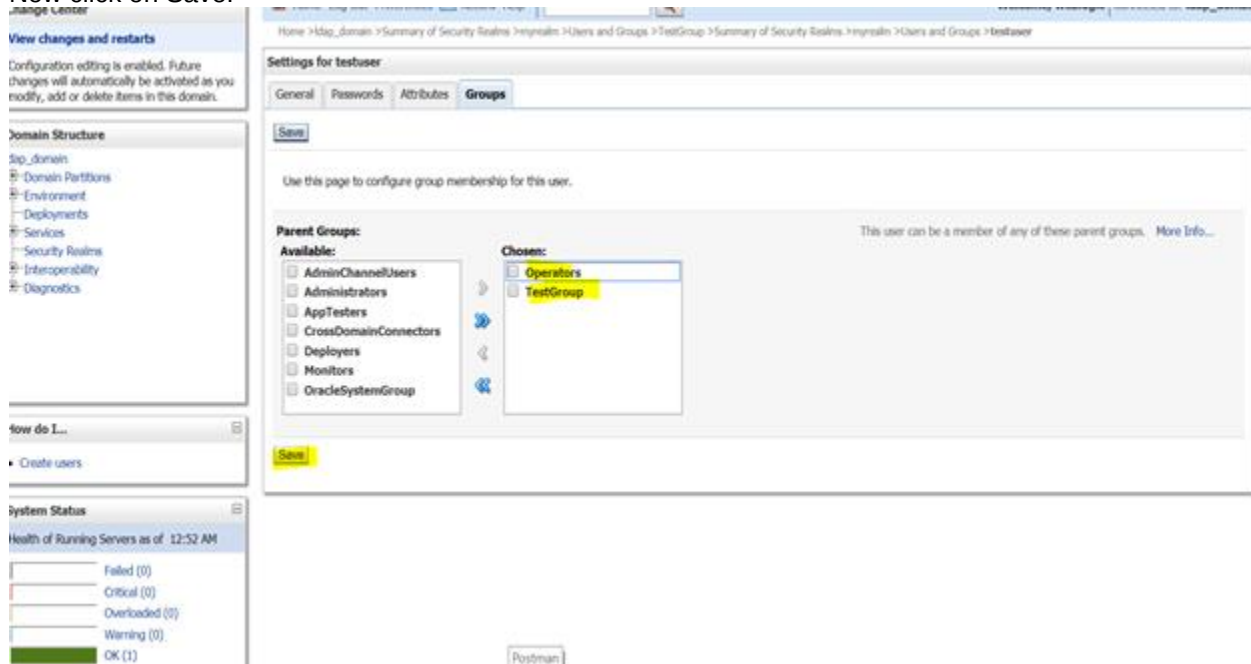
Chosen:

Use this page to configure group membership for this user.

- 8) Select the groups you want to assign to the user and click on single right button as shown below.



- 9) Now click on Save.



1.8.3 Plato's "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 as follows:

Connection Details:

URL: ldap:// 10.99.99.10:7001 (admin server url and admin server port)

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	ylksiMFfjVbfcP A7Qheh8Q==	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.(Currently supports PLATO and EMBEDDED_WEBLOGIC)

(*Description column is only for understanding of the user, this particular column is not present in the Security Config Table.)

Encryption Utility:

Using Plato encryption utility administrators can generate encrypted password for inputted salt.

Usage :

```
java -jar plato-security-toolkit-5.1.1.jar
Enter pass phrase : <<your password>>
Enter Salt : <<your salt for password>>
Encrypted Password: <<Output>>
```

The output obtained above should be entered as value in the Security_Config table for property “**LDAP_SERVER_CREDENTIAL**”