

Oracle Banking Supply Chain Finance

Annexure

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1. Annexure

1.1 Introduction

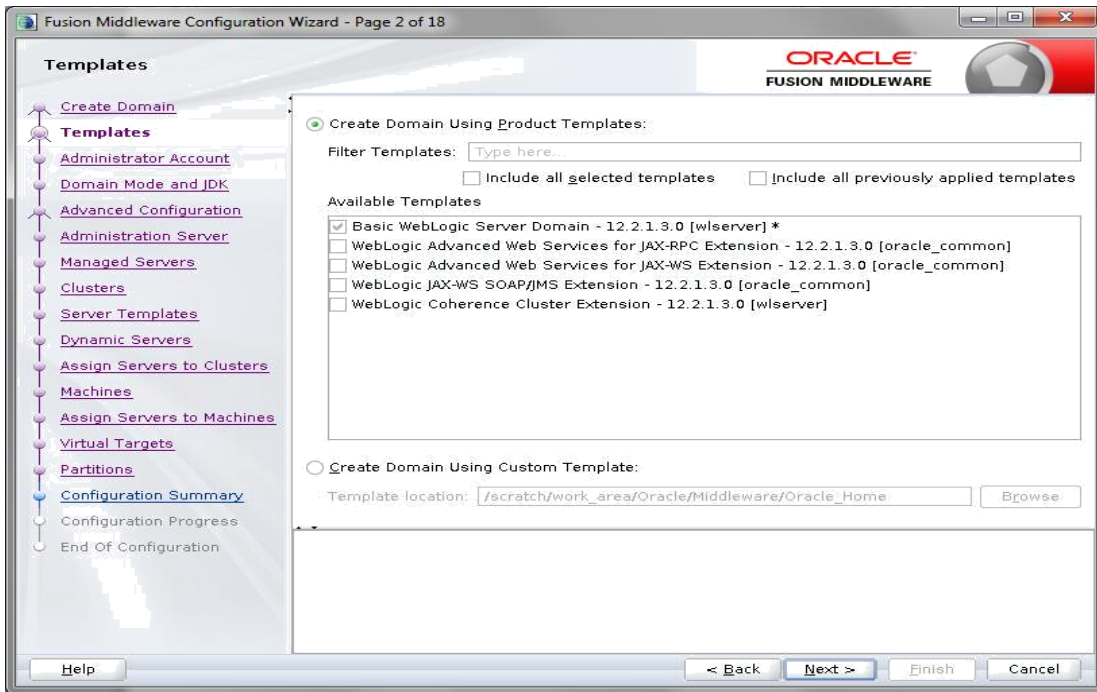
This document is a supporting document, while installing Oracle Banking Supply Chain Finance application.

1.2 How to create Domain and Cluster Configuration

Note: The name need not to be same as provided in the screenshots.

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**. Example: `platoinfra_domain`.

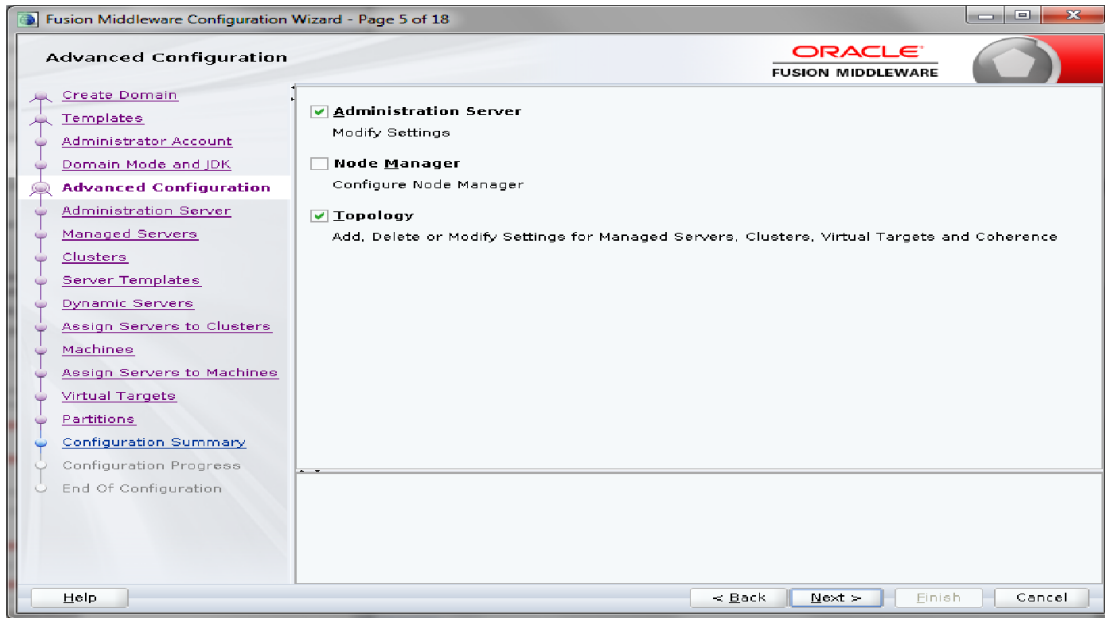
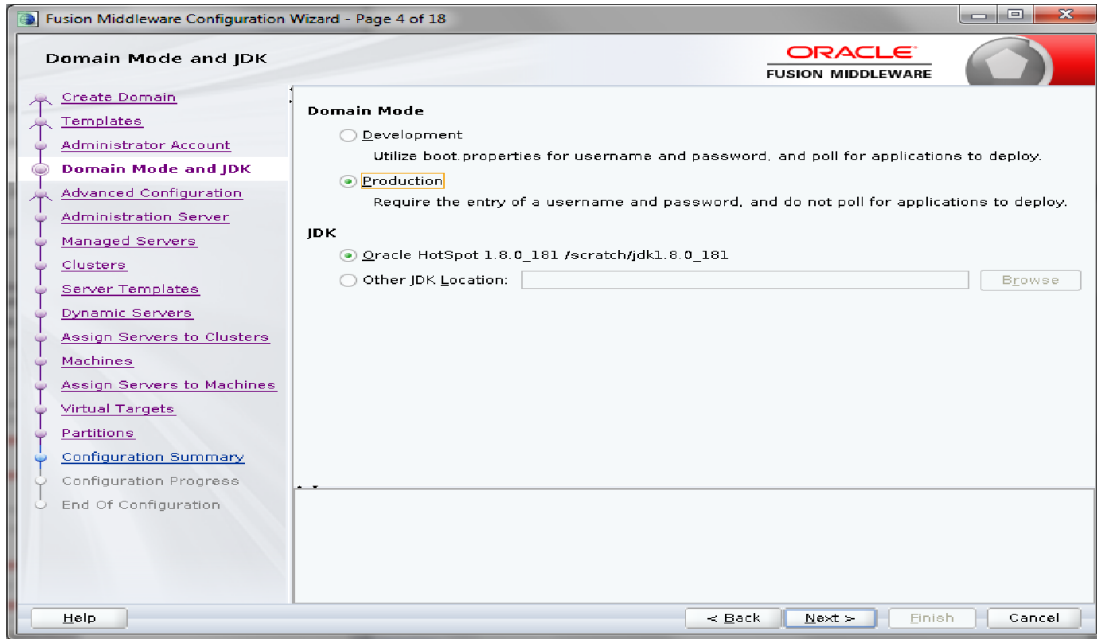




3. Click **next** to create simple domain with default templates.
4. Set password and confirm, click **next** to proceed.



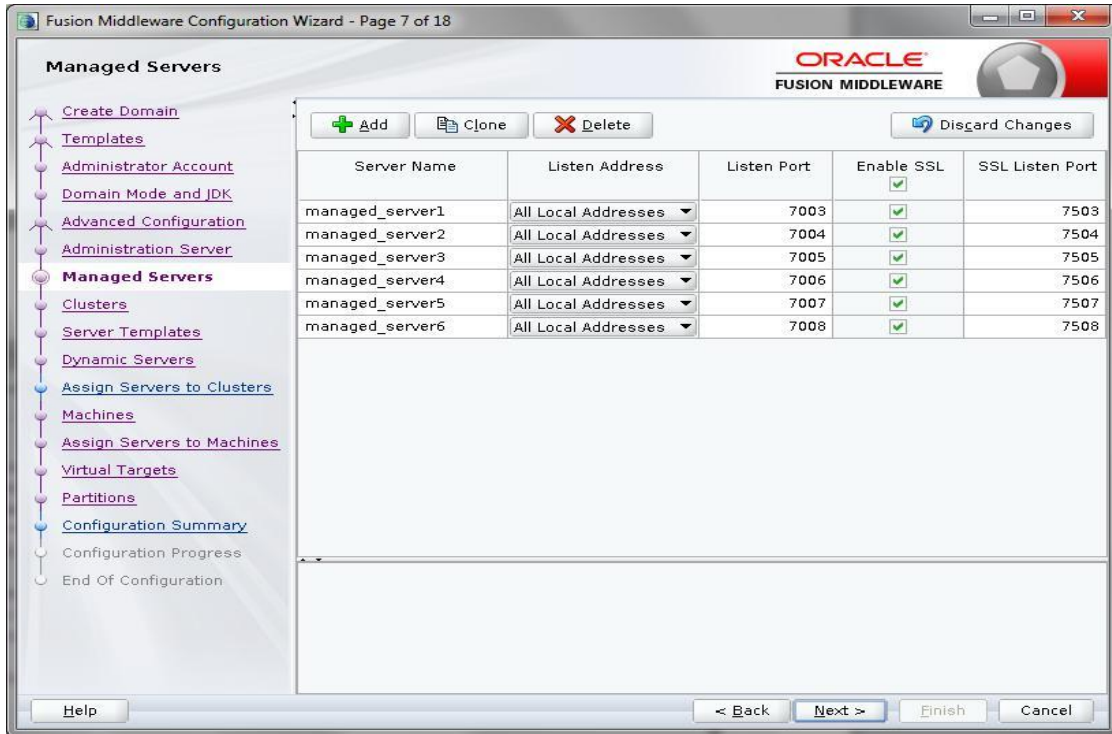
5. Select Domain mode as **Production** and select **jdk**.



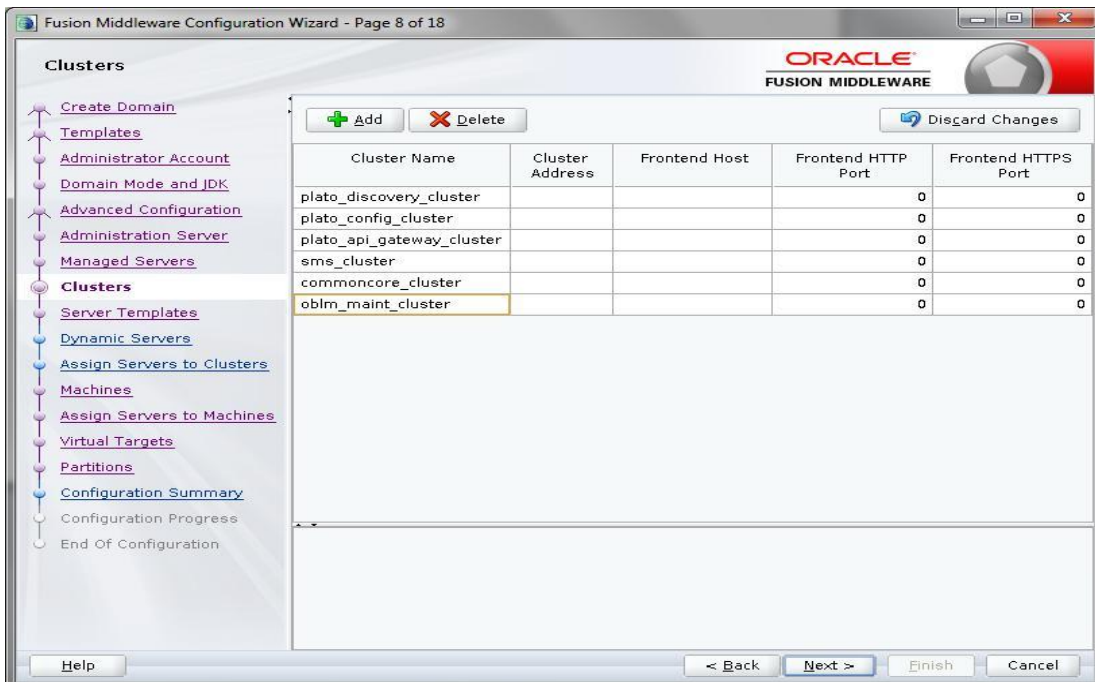
6. Select **Administration Server** and **Topology** in advanced configurations.

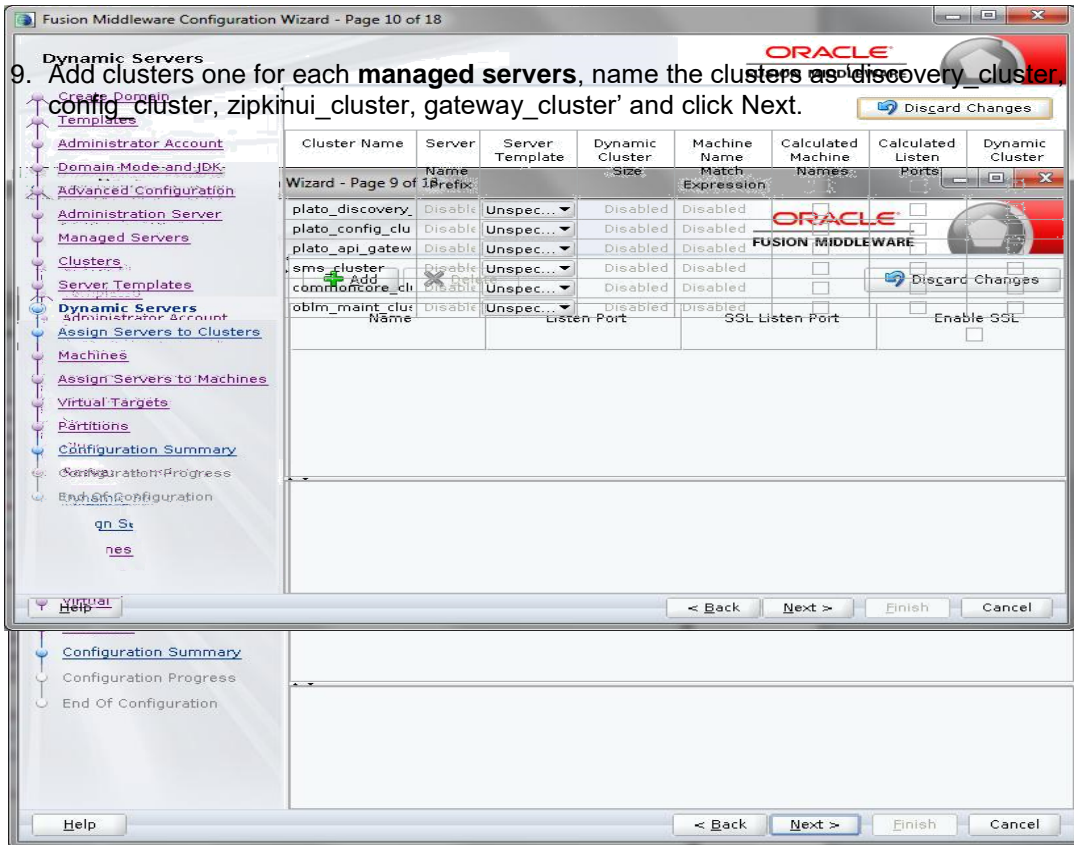


7. Edit the **port** and **host** configurations as required and click **next**.



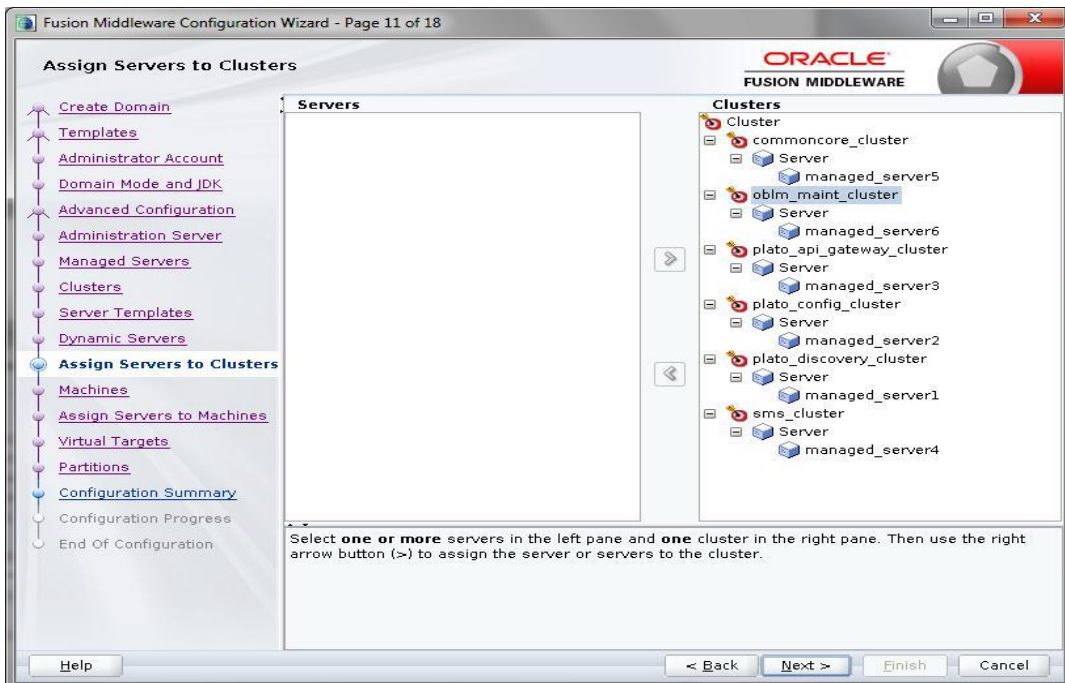
8. Add managed servers, edit listen address and port as required.

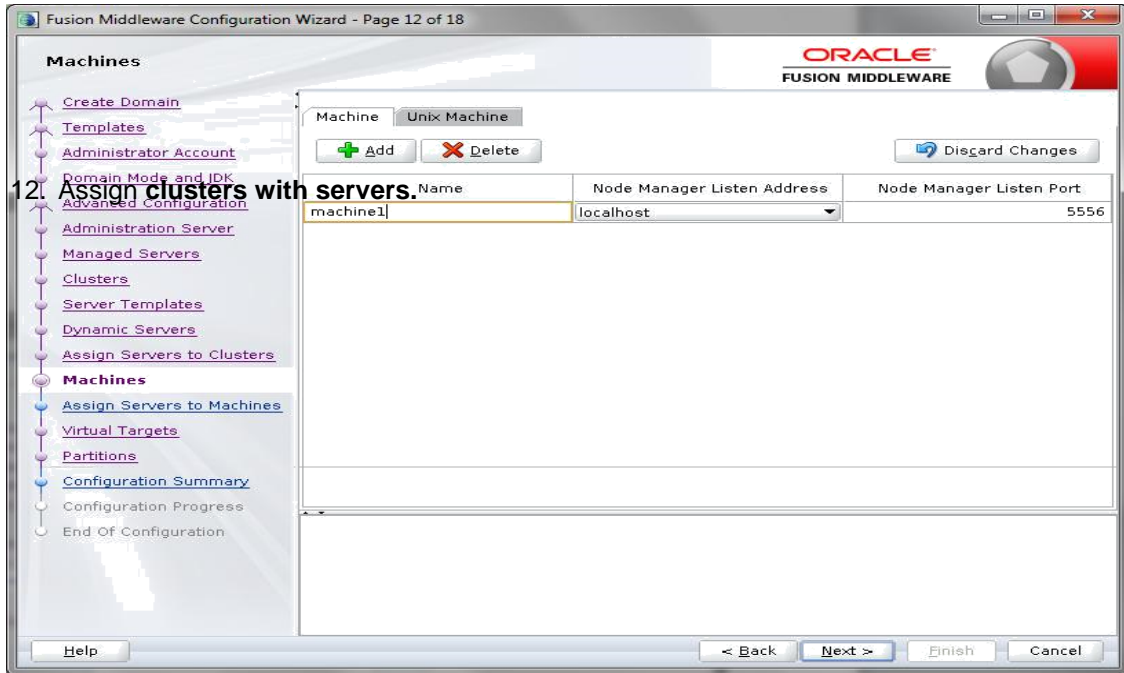




10. Skip Server Templates and click Next

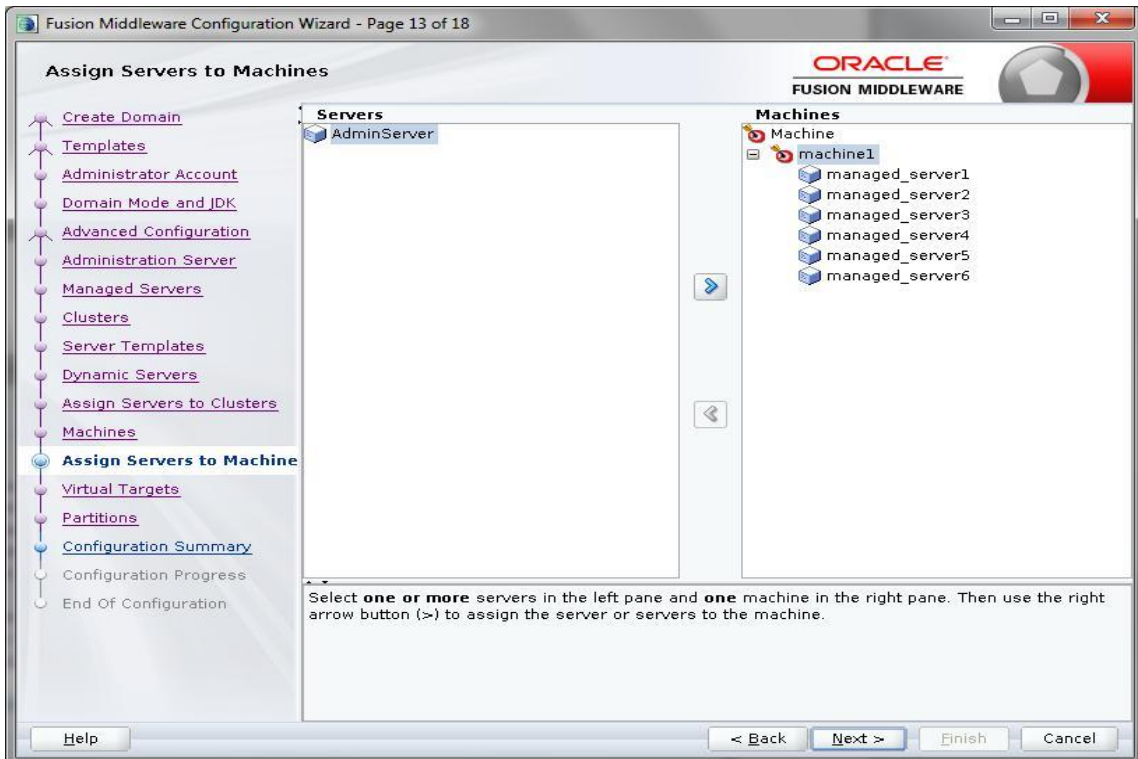
11. Skip Dynamic Servers and click Next.

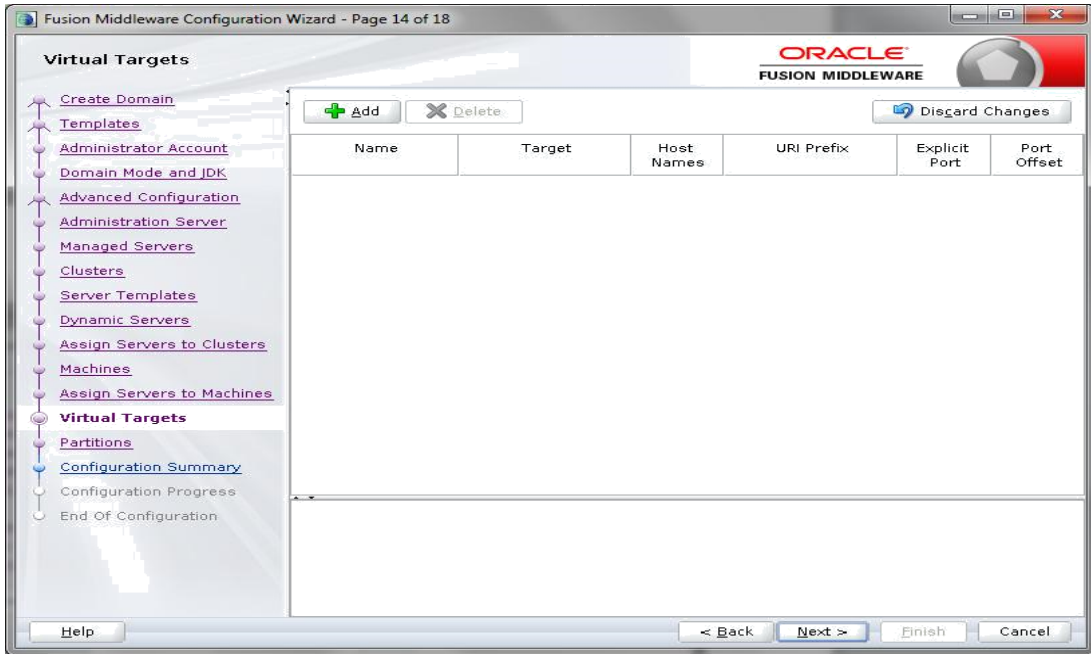




12. Assign clusters with servers.

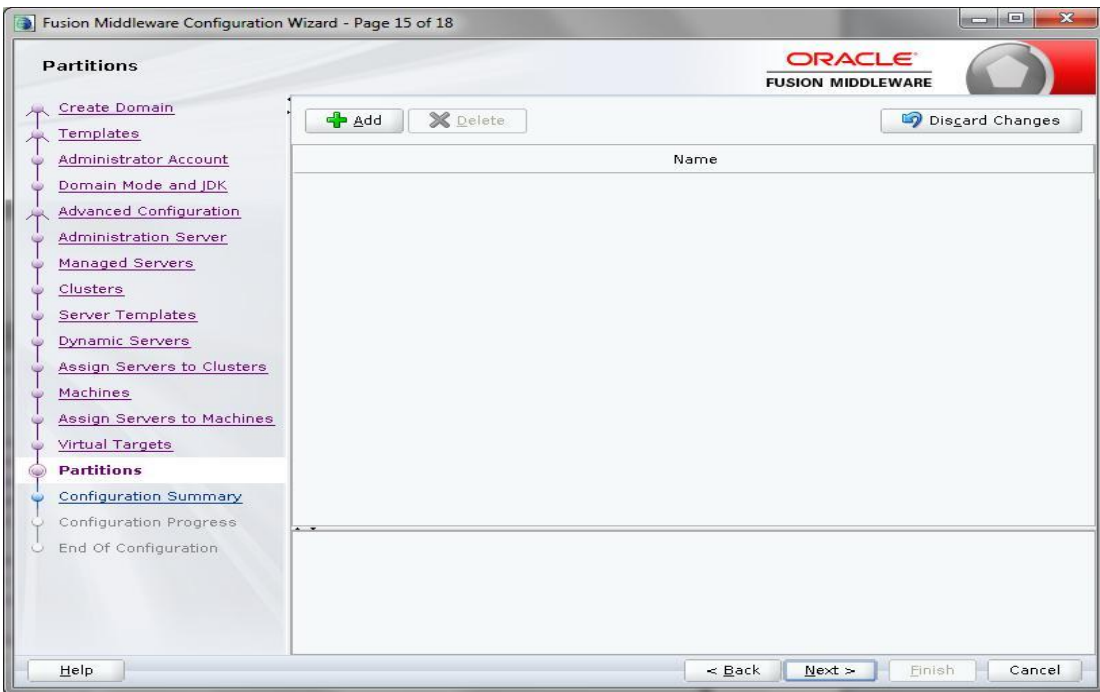
13. Add **Machine/Unix Machine** based on operating system and configure name, listen address and node manager port as required.

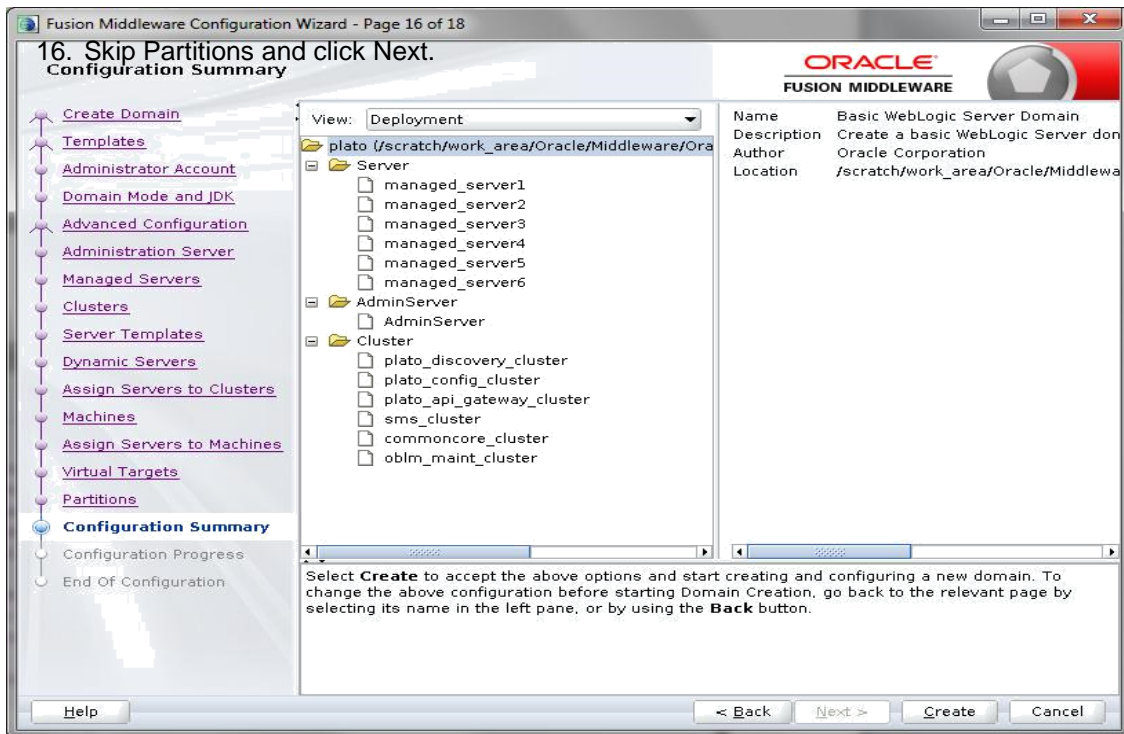




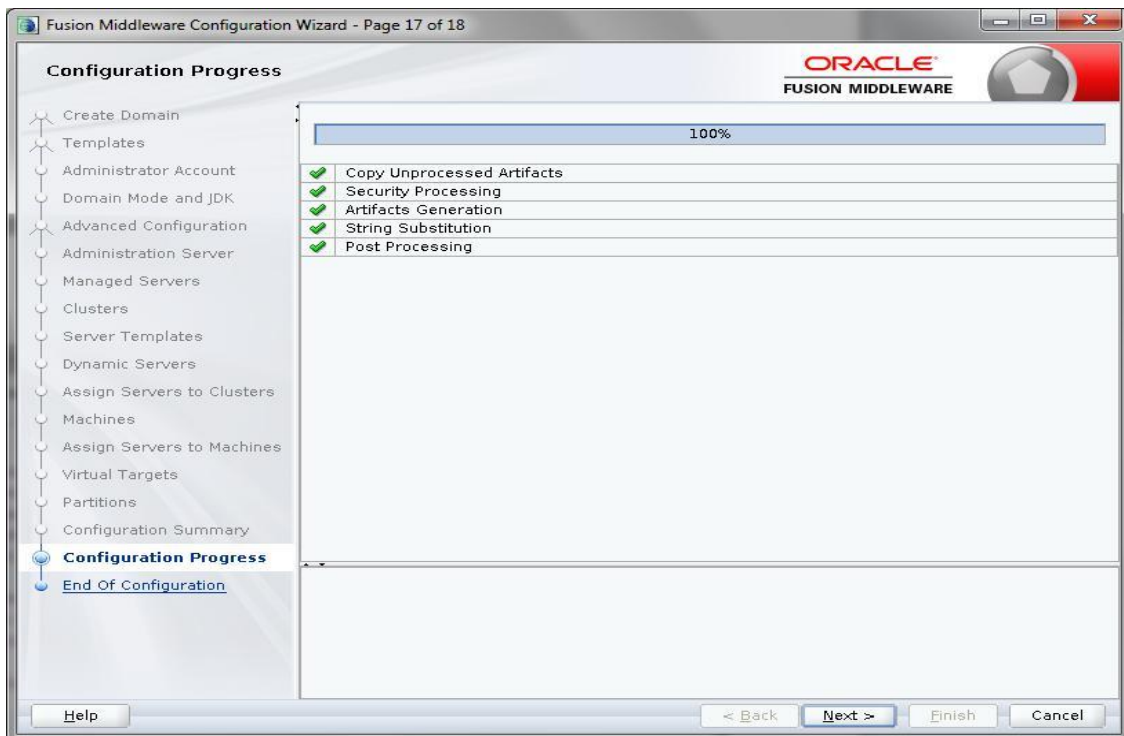
14. **Map all managed servers** under the machine created.

15. Skip Virtual Targets and click Next.

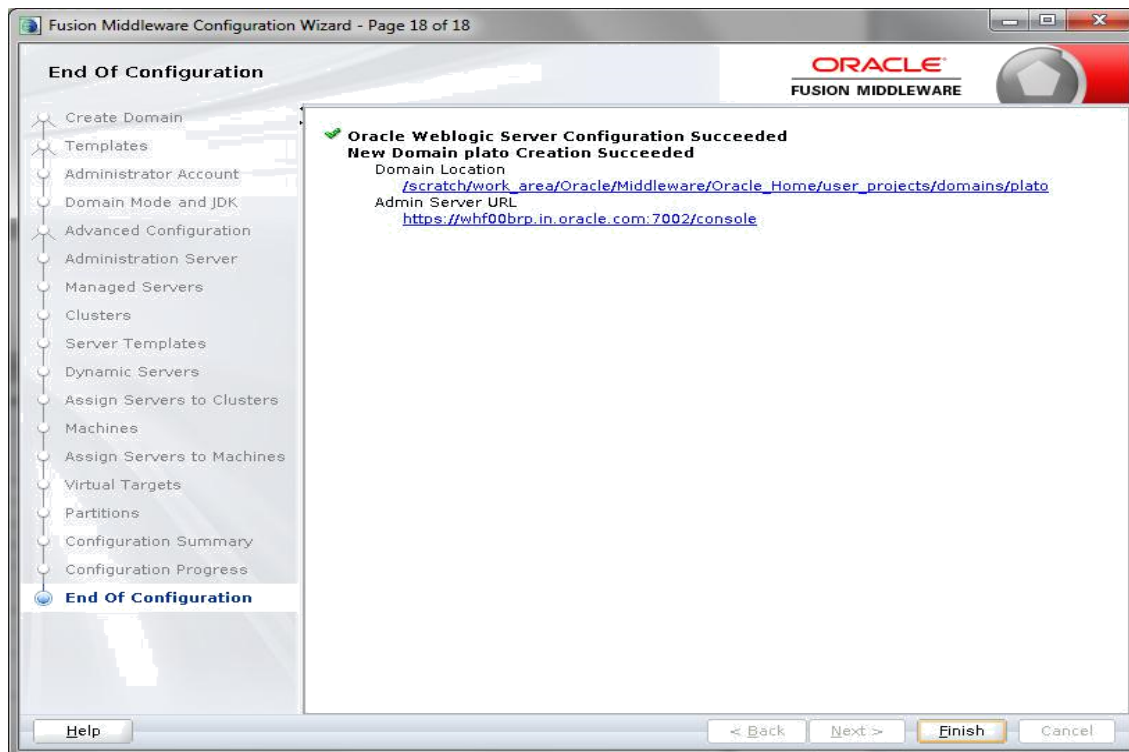




17. Check the configuration summary and confirm creating domain.



18. Click Next.



19. Once done click Finish.

1.2.1 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. Edit setDomainEnv.cmd (.sh if operating system is linux) and, set these java options.

```
JAVA_OPTIONS="${JAVA_OPTIONS} -
```

```
Dplato.service.logging.path=/scratch/obscf/logs -  
Dplato.service.env=DEV -
```

```
Dplato.services.config.port=7004 -
```

```
Dplato.services.config.uri=http://whf00ckj.in.oracle.com:7004 -
```

```
Dplato.services.entityservices.port=7007"
```

```
export JAVA_OPTIONS
```

In the above sample line: 7004 is port of managed server of plato-config-service.

7007 is port of managed server of sms service.

****Please change the port in above lines accordingly.**

```
fi
fi
if [ "${ENV_TYPE}" != "Rockin'" ]; then
  export JAVA_VM
else
  JAVA_VM="${JAVA_VM} ${JAVA_DEBUG} ${JAVA_PROFILE}"
  export JAVA_VM
fi
if [ "${WLS_POLICY_FILE}" = "" ]; then
  WLS_POLICY_FILE="${WL_HOME}/server/11b/weblogic.policy"
  export WLS_POLICY_FILE
fi
|
JAVA_OPTIONS="${JAVA_OPTIONS} -Dplato.service.logging.path=/scratch/oblm/logs -Dplato.service.env=DEV -Dplato.services.config.port=7004 -Dplato.services.config.uri=http://[redacted]:7004"
export JAVA_OPTIONS
```

****Check and give valid host address and port numbers. Also create the log path.**

Note: In case of "plato" domain, add the below line after # **SET THE CLASSPATH** tag, edit the path before saving.

```
CLASSPATH="${CLASSPATH}${CLASSPATHSEP}/scratch/work_area/Oracle/Middlew
ar e/Oracle_Home/oracle_common/modules/oracle.osdt/*"
```

```
export CLASSPATH
```

3. Create boot.properties file under
4. /user_projects/domains/XXXXdomainNameXXX/servers/AdminServer/security.
5. Edit boot.properties and give username and password details.
6. Go to /user_projects/domains/platoinfra_domain/bin
7. Run startWeblogic.cmd (or .sh if operating system is linux).

```
#Thu May 03 15:52:07 IST 2018
password=[redacted]
username=[redacted]
```

8. Go to /user_projects/domains/platoinfra_domain/nodemanager.
9. Edit nodemanager.properties as required.

```

1 DomainsFile=/scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/oplm/nodemanager/nodemanager.domains
2 LogLimit=0
3 PropertiesVersion=12.2.1.3.0
4 AuthenticationEnabled=true
5 NodeManagerHome=/scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/oplm/nodemanager
6 JavaHome=/scratch/jdk1.8.0_181
7 LogLevel=INFO
8 CustomIdentityKeyStorePassPhrase={AES}56JcVfwOoIQ/djCcDfH8gdG4nfmW1813LQGuKfWk6c=
9 CustomIdentityKeyStoreFileName=/scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/key_store/OBLMKeyStore.jks
10 DomainsFileEnabled=true
11 ListenAddress=whf00brp.in.oracle.com
12 KeyStores=CustomIdentityAndCustomTrust
13 NativeVersionEnabled=true
14 ListenPort=5556
15 LogToStderr=true
16 weblogic.StartScriptName=startWebLogic.sh
17 SecureListener=true
18 LogCount=1
19 QuitEnabled=false
20 LogAppend=true
21 weblogic.StopScriptEnabled=false
22 StateCheckInterval=500
23 CustomIdentityPrivateKeyPassPhrase={AES}GDKGWe3uoH+NeuR9HizRTZnIk1K5bTeMxtR56rAIAqs=
24 CustomIdentityAlias=selcert
25 CrashRecoveryEnabled=false
26 CustomIdentityKeyStoreType=JKS
27 weblogic.StartScriptEnabled=true
28 CipherSuites=TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256,TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256
29 LogFile=/scratch/work_area/Oracle/Middleware/Oracle_Home/user_projects/domains/oplm/nodemanager/nodemanager.log
30 LogFormatter=weblogic.nodemanager.server.LogFormatter
31 ListenBacklog=50
32

```

10. Go to /user_projects/domains/platoinfra_domain/bin
11. Run startNodeManager.cmd (or .sh if operating system is linux).
12. Start all managed servers from weblogic console
<http://<hostname>:<adminserver port no>/console>
13. Make SSL changes (**For SSL setup please refer to SSL_Setup_Guide**).

1.3 How to create Data Sources

1. Start **AdminServer**, **Node Manager** and make sure all the **managed servers** (targets) are in running mode.
2. Login into weblogic console (http://<hostname>:<adminserver_port_no>/console).
3. Go to **Services > Datasources > New > Generic Datasource**.

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 5 of 5 Previous | Next

Name	Type	Cluster	Machine	State	Health	Listen Port
AdminServer(admin)	Configured			RUNNING	OK	7001
WLS_CONFIG	Configured	config_cluster	platoinfra_Machine	RUNNING	OK	7004
WLS_DISCOVERY	Configured	discovery_cluster	platoinfra_Machine	RUNNING	OK	7003
WLS_GATEWAY	Configured	gateway_cluster	platoinfra_Machine	RUNNING	OK	7006
WLS_ZIPKINUI	Configured	zipkinui_cluster	platoinfra_Machine	RUNNING	OK	7005

New Clone Delete Showing 1 to 5 of 5 Previous | Next

4. Click on **Lock & Edit**.

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**
 - Messaging**
 - Data Sources**
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - jCOM

5. Click on New -> Generic Data Source.

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 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)

Type	JNDI Name	Targets
There are no items to display		

6. Enter **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: PLATO

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

Scope: Global

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

JNDI Name: jdbc/PLATO

What database type would you like to select?

Database Type: Oracle

Back Next Finish Cancel

7. 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: *Oracle's Driver (Thin) for Service connections; Versions:Any

Back Next Finish Cancel

8. 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 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 application 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. With this option, the data source can participate in the global transaction.

One-Phase Commit

Back Next Finish Cancel

9. 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:

10. Click Next & test configuration.

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

Messages

✔ Connection test succeeded.

Create a New JDBC Data Source

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:

11. Select **targets** to deploy data source.

Create a New JDBC Data Source

Back Next Finish Cancel

Select Targets

You can select one or more targets to deploy your new JDBC data source. If you don't select a target, the data source

Servers

AdminServer

Clusters

config_cluster

- All servers in the cluster
- Part of the cluster
 - WLS_CONFIG

discovery_cluster

- All servers in the cluster
- Part of the cluster
 - WLS_DISCOVERY

gateway_cluster

- All servers in the cluster
- Part of the cluster
 - WLS_GATEWAY

zipkinui_cluster

- All servers in the cluster
- Part of the cluster
 - WLS_ZIPKINUI

Back Next Finish Cancel

12. 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	WLS_CONFIG, WLS_DISCOVERY

New Delete Showing 1 to 1 of 1 Previous | Next

13. Click **Activate changes** after confirming the details.

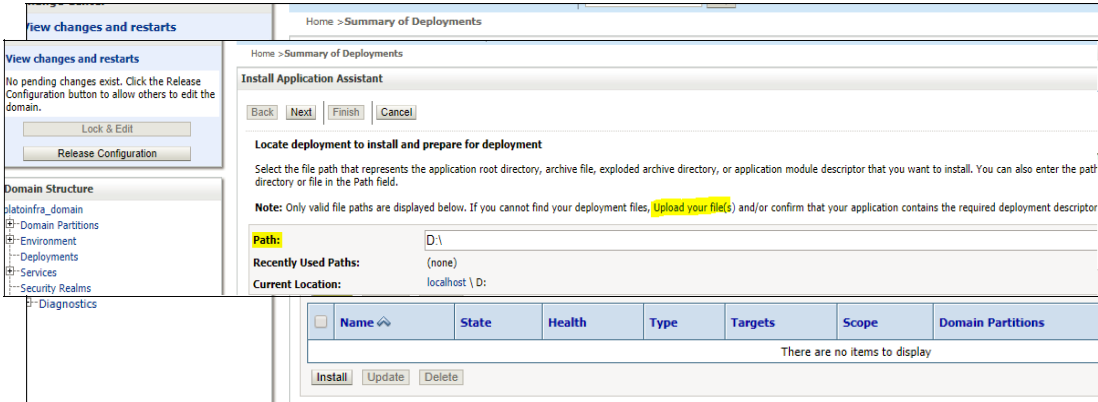
Name	Type	JNDI Name	Targets
PLATO	Generic	jdbc/PLATO	WLS_CONFIG, WLS_DISCOVERY

1.4 How to Deploy Application

Steps to deploy archives as application on weblogic are same for all except the targeted managed server and domain will differ.

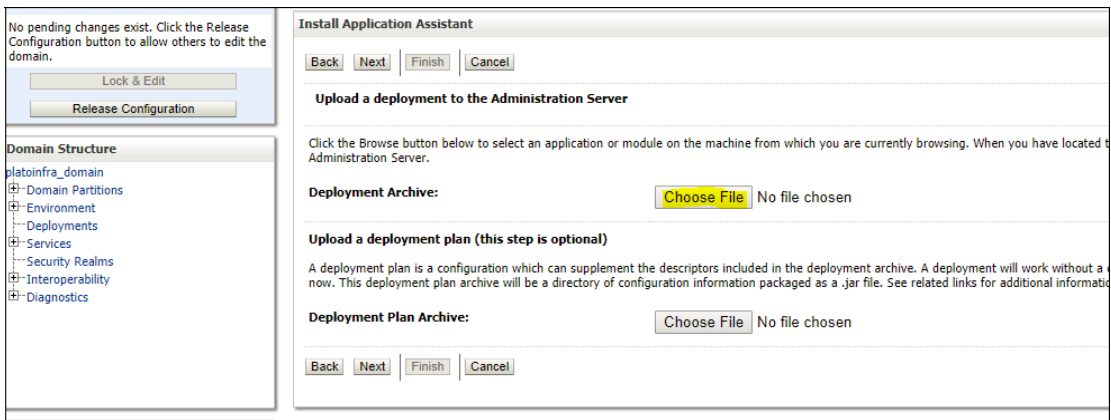
1. Start **AdminServer, Node Manager** and make sure all the **managed servers** (targets) are in running mode.
2. Data sources are created.
3. Login into weblogic console (http://<hostname>:<adminserver_port_no>/console).

4. Click on **Click Deployments > Lock & Edit.**

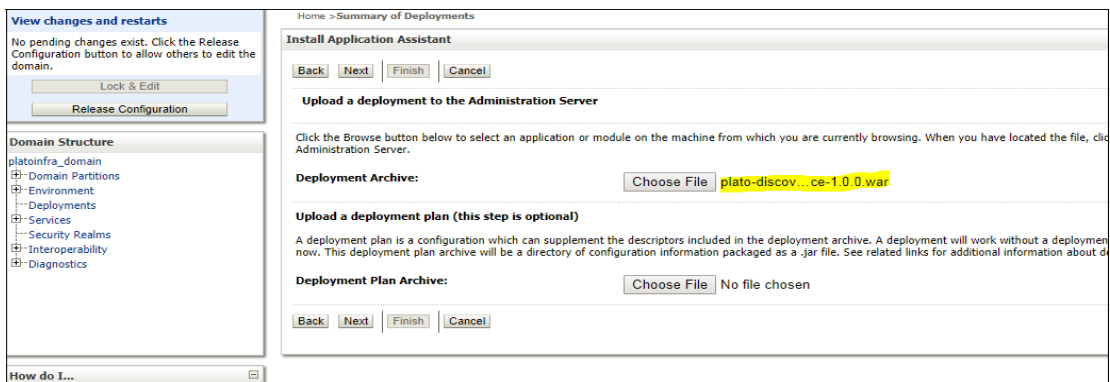


5. Click **Install.**

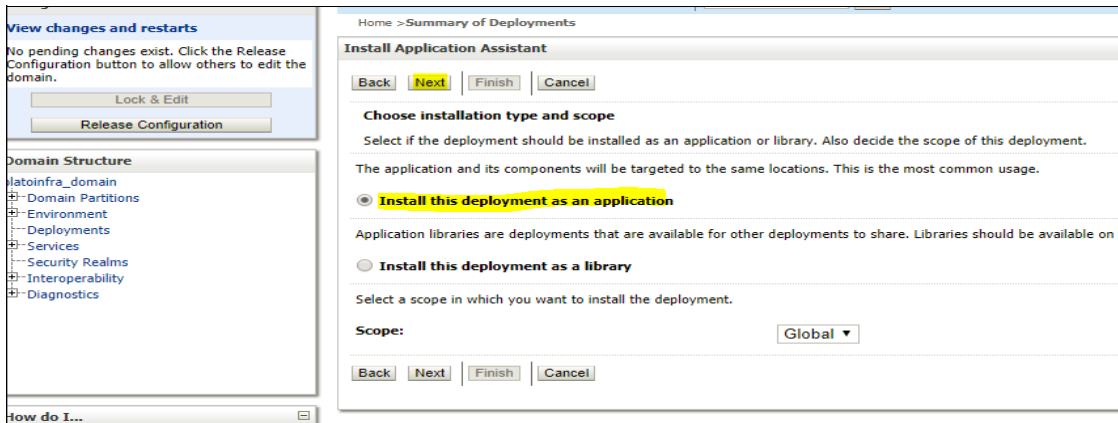
6. Click **Upload your file(s)** to archive, select a file and click **Next.**



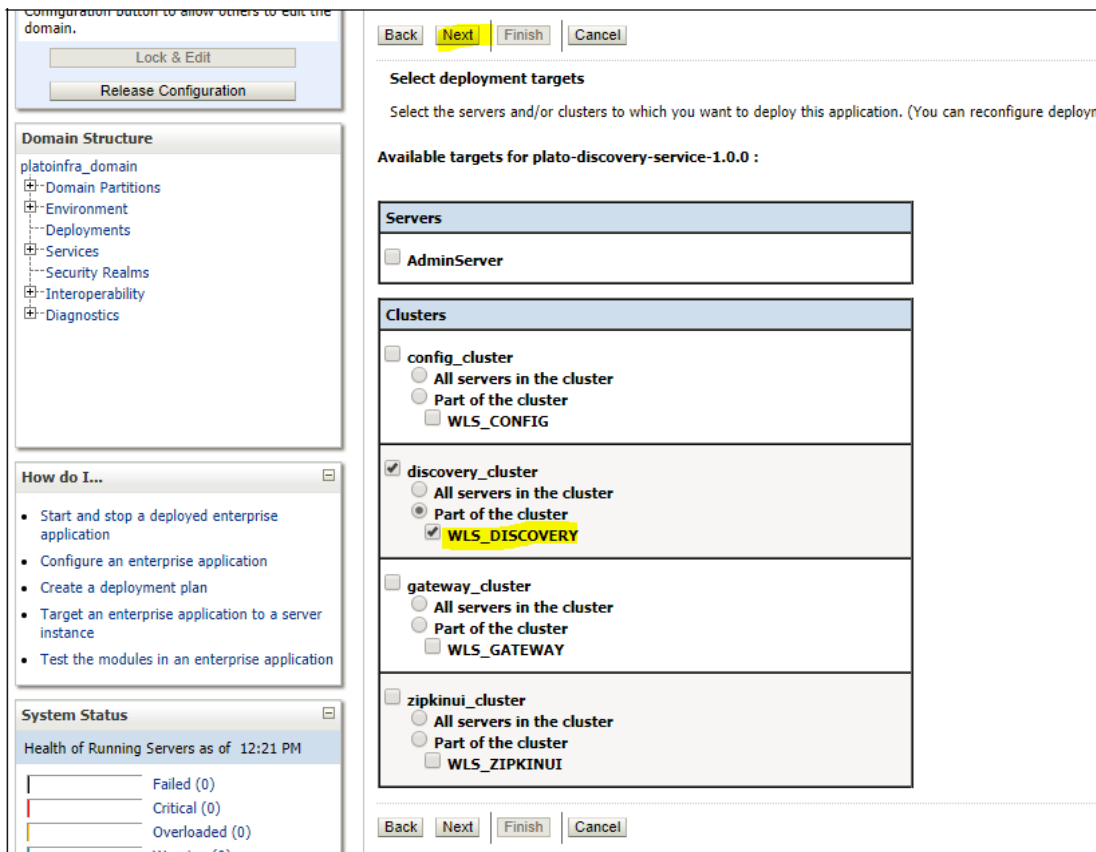
7. After archive is uploaded, click **Next.**



8. Select **Install this deploy as application** and click **Next**.



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



10. Click Next.

The screenshot shows the Oracle WebLogic Administration Console interface. On the left, there is a navigation pane with sections like 'Change Center', 'Domain Structure', and 'How do I...'. The main content area displays the 'Install Application Assistant' wizard. The 'Next' button is highlighted in yellow. The 'Optional Settings' section is expanded, showing the 'General' tab. Under 'General', the question 'What do you want to name this deployment?' is followed by a text input field containing 'plato-discovery-service-1.0.0'. Below this, the 'Security' tab is visible, with the question 'What security model do you want to use with this application?'. Three radio button options are listed: '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 d...', and 'Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.' The 'Advanced' option is also present but not selected.

11. Click Finish.

The screenshot shows the Oracle WebLogic Administration Console interface, similar to the previous one, but now the 'Finish' button is highlighted in yellow. The 'Review your choices and click Finish' section is visible, with the instruction 'Click Finish to complete the deployment. This may take a few moments to complete.' Below this, the 'Additional Configuration' section asks 'In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?'. Two radio button options are listed: 'Yes, take me to the deployment's configuration screen.' (which is selected) and 'No, I will review the configuration later.' Below this, the 'Summary' section displays deployment details: 'Deployment: [redacted] upload(plato-discovery-service-1.0.0.war|app|plato-discovery-service-1.0.0.war)', 'Name: plato-discovery-service-1.0.0', 'Staging Mode: Use the defaults defined by the chosen targets', 'Plan Staging Mode: Use the same accessibility as the application', 'Security Model: DDOnly: Use only roles and policies that are defined in the deployment descriptors.', and 'Scope: Global'. At the bottom, a 'Target Summary' table is shown with two columns: 'Components' and 'Targets'. The 'Components' column contains 'plato-discovery-service-1.0.0' and the 'Targets' column contains 'WLS_DISCOVERY'. The 'Finish' button is highlighted in yellow.

12. Click **save and activate** changes.

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

Home > Summary of Deployments > plato-discovery-service-1.0.0

Settings for plato-discovery-service-1.0.0

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

Use this page to view the installed configuration of a Web application.

Name: plato-discovery-service-1.0.0

Scope: Global

Context Root: plato-discovery-service

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

Home > Summary of Deployments > plato-discovery-service-1.0.0

Messages

All changes have been activated. No restarts are necessary.

Settings for plato-discovery-service-1.0.0

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

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

Save

Use this page to view the installed configuration of a Web application.

Name: plato-discovery-service-1.0.0

Scope: Global

Context Root: /plato-discovery-service

13. Click **Deployments > Control** to changes the state of application from prepared to active status.

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

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

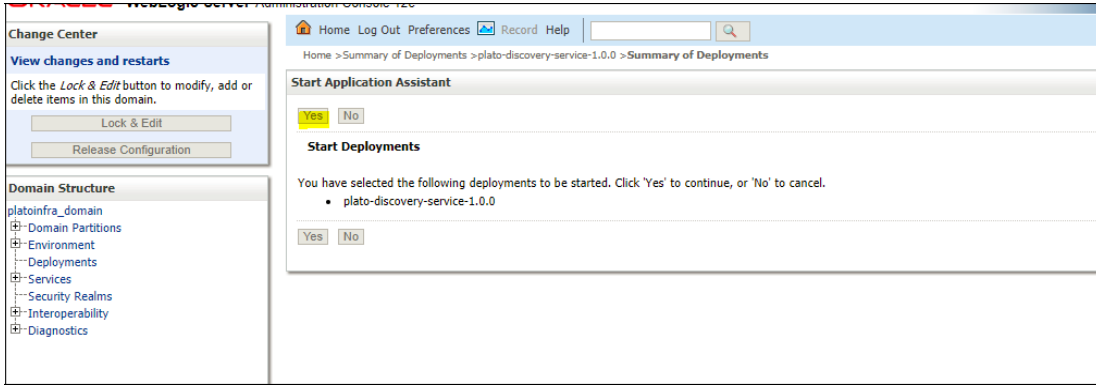
Install Update Delete

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
plato-discovery-service-1.0.0	Prepared	OK	Web Application	WLS_DISCOVERY	Global	100	

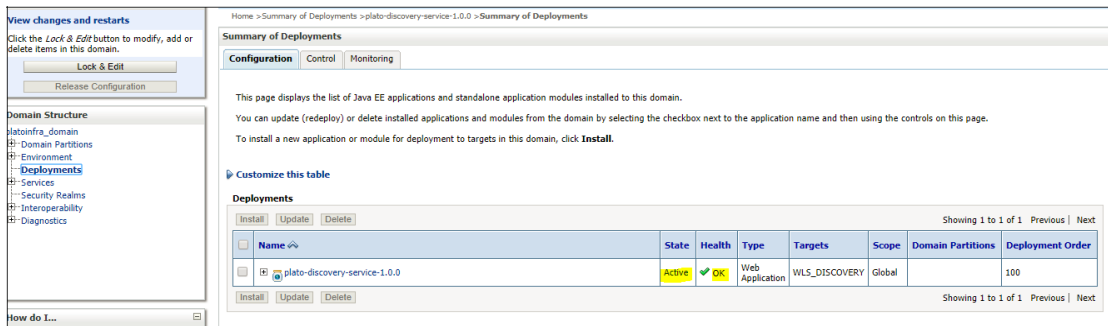
Showing 1 to 1 of 1 Previous Next

14. Under deployment click **Start dropdown** and **Click Start all requests**.

15. Click Yes.

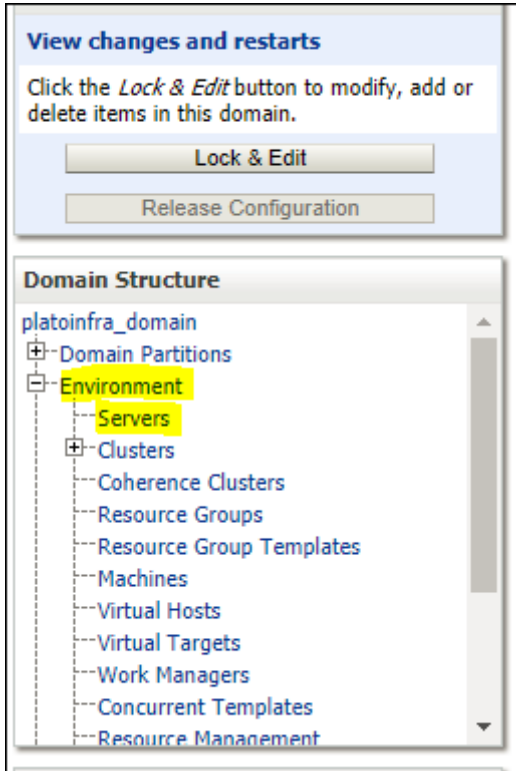


16. You should see status as Active in the state column.



1.5 How to Restart Servers

1. Make sure admin server is running.
2. Login into weblogic console (http://<hostname>:<adminserver_port_no>/console).
3. Go to Environment > Servers.



4. Click **Control**.

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > Summary of Servers

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.

Name	Type	Cluster	Machine	State	Health	Listen Port
AdminServer(admin)	Configured			RUNNING	OK	7001
WLS_CONFIG	Configured	config_cluster	platoinfra_Machine	RUNNING	OK	7004
WLS_DISCOVERY	Configured	discovery_cluster	platoinfra_Machine	RUNNING	OK	7003
WLS_GATEWAY	Configured	gateway_cluster	platoinfra_Machine	RUNNING	OK	7006
WLS_ZIPKINUI	Configured	zipkinui_cluster	platoinfra_Machine	RUNNING	OK	7005

5. Select servers to **shutdown**.

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)

Server	Machine	State	Status of Last Action
AdminServer(admin)		RUNNING	None
WLS_CONFIG	platoinfra_Machine	RUNNING	TASK COMPLETED
<input checked="" type="checkbox"/> WLS_DISCOVERY	platoinfra_Machine	RUNNING	None
<input checked="" type="checkbox"/> WLS_GATEWAY	platoinfra_Machine	RUNNING	TASK COMPLETED
<input checked="" type="checkbox"/> WLS_ZIPKINUI	platoinfra_Machine	RUNNING	TASK COMPLETED

6. Click **Yes** to confirm shutdown.

Server Life Cycle Assistant

Yes | **No**

Forcibly Shutdown Servers

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

- WLS_DISCOVERY

Yes | **No**

7. A status must appear as illustrated (highlighted).

Messages

A request has been sent to immediately shut down the selected servers.

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)

Server	Machine	State	Status of Last Action
AdminServer(admin)		RUNNING	None
WLS_CONFIG	platoinfra_Machine	RUNNING	TASK COMPLETED
<input checked="" type="checkbox"/> WLS_DISCOVERY	platoinfra_Machine	FORCE_SUSPENDING	TASK IN PROGRESS
<input checked="" type="checkbox"/> WLS_GATEWAY	platoinfra_Machine	RUNNING	TASK COMPLETED
<input checked="" type="checkbox"/> WLS_ZIPKINUI	platoinfra_Machine	RUNNING	TASK COMPLETED

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > Summary of Servers

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 5 of 5 Previous | Next

Name	Type	Cluster	Machine	State	Health	Listen Port
AdminServer(admin)	Configured			RUNNING	OK	7001
WLS_CONFIG	Configured	config_cluster	platoinfra_Machine	RUNNING	OK	7004
WLS_DISCOVERY	Configured	discovery_cluster	platoinfra_Machine	SHUTDOWN	Not reachable	7003
WLS_GATEWAY	Configured	gateway_cluster	platoinfra_Machine	RUNNING	OK	7006
WLS_ZIPKINUI	Configured	zipkinui_cluster	platoinfra_Machine	RUNNING	OK	7005

New | Clone | Delete Showing 1 to 5 of 5 Previous | Next

8. After the shutdown is completed, go to control and select the servers to **start** and click **yes to confirm** action.

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > Summary of Servers

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 5 of 5 Previous | Next

Server	Machine	State	Status of Last Action
AdminServer(admin)		RUNNING	None
WLS_CONFIG	platoinfra_Machine	RUNNING	TASK COMPLETED
<input checked="" type="checkbox"/> WLS_DISCOVERY	platoinfra_Machine	SHUTDOWN	TASK COMPLETED
WLS_GATEWAY	platoinfra_Machine	RUNNING	TASK COMPLETED
WLS_ZIPKINUI	platoinfra_Machine	RUNNING	TASK COMPLETED

Start | Resume | Suspend | Shutdown | Restart SSL Showing 1 to 5 of 5 Previous | Next

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > Summary of Servers

Server Life Cycle Assistant

Yes **No**

Start Servers

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

- WLS_DISCOVERY

Yes **No**

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > Summary of Servers

Messages
 A request has been sent to the Node Manager to start the selected servers.

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 5 of 5 Previous Next

Server	Machine	State	Status of Last Action
AdminServer(admin)		RUNNING	None
WLS_CONFIG	platoinfra_Machine	RUNNING	TASK COMPLETED
WLS_DISCOVERY	platoinfra_Machine	STARTING	TASK IN PROGRESS
WLS_GATEWAY	platoinfra_Machine	RUNNING	TASK COMPLETED
WLS_ZIPKINUI	platoinfra_Machine	RUNNING	TASK COMPLETED

Start Resume Suspend Shutdown Restart SSL Showing 1 to 5 of 5 Previous Next

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

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > Summary of Servers

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 5 of 5 Previous Next

Name	Type	Cluster	Machine	State	Health	Listen Port
AdminServer(admin)	Configured			RUNNING	OK	7001
WLS_CONFIG	Configured	config_cluster	platoinfra_Machine	RUNNING	OK	7004
WLS_DISCOVERY	Configured	discovery_cluster	platoinfra_Machine	RUNNING	OK	7003
WLS_GATEWAY	Configured	gateway_cluster	platoinfra_Machine	RUNNING	OK	7006
WLS_ZIPKINUI	Configured	zipkinui_cluster	platoinfra_Machine	RUNNING	OK	7005

New Clone Delete Showing 1 to 5 of 5 Previous Next

Home > Summary of Deployments > plato-discovery-service-1.0.0 > Summary of Deployments > 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

Install Update Delete Showing 1 to 1 of 1 Previous Next

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
plato-discovery-service-1.0.0	Active	OK	Web Application	WLS_DISCOVERY	Global		100

Install Update Delete Showing 1 to 1 of 1 Previous Next

1.6 How to compile DDL, SEQ and INC

Note: These steps are valid, if you are using Oracle Database.

1. Open Command Prompt.
2. Run the command **sqlplus USERNAME/PASSWORD@HostName:PortNo/ServiceName.**

```
C:\Users\<redacted>>sqlplus <redacted>/<redacted>@1<redacted>/<redacted>
SQL*Plus: Release 12.2.0.1.0 Production on Mon Jun 11 17:48:59 2018
Copyright (c) 1982, 2016, Oracle. All rights reserved.
Last Successful login time: Mon Jun 11 2018 17:10:22 +05:30
```

3. Type @ and navigate to your DDL,SEQ or INC folder. Provide a fully qualified address of DDL file.

Example:

```
@C:\OSDC_OBSCF_14.3.0.0.0\PLATO\plato-api-gateway\DB\DOMAIN\DDL\APP_USER.DDL
```

```
@C:\OSDC_OBSCF_14.3.0.0.0\PLATO\plato-ui-config-
services\DB\DOMAIN\SEQ\PRODUCT_LEDGER_ID_SEQ.SEQ
```

```
@C:\OSDC_OBSCF_14.3.0.0.0\PLATO\plato-api-gateway\DB\DOMAIN\INC SECURITY_CONFIG_001.INC
```

1.7 Checking Port Number

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



<input type="checkbox"/>	Name ↕	Type	Cluster	Machine	State	Health	Listen Port
<input type="checkbox"/>	AdminServer(admin)	Configured			RUNNING	✓ OK	7020
<input type="checkbox"/>	managed_server1	Configured		Machine1	RUNNING	✓ OK	7023

1.8 How to create Database Schema

1. Create the database schemas using sys account of DB. Example:

```
CREATE TABLESPACE OBSCF142AUTPLATO DATAFILE  
'/scratch/oraofss/OracleDB12c/app/oradata/OBSCFDB/OBSCF142AUTPLATO.DBF' SIZE 50M  
AUTOEXTEND ON MAXSIZE UNLIMITED EXTENT MANAGEMENT LOCAL UNIFORM SIZE  
1M;
```

```
CREATE USER OBSCF142AUTPLATO IDENTIFIED BY OBSCF142AUTPLATO DEFAULT  
TABLESPACE OBSCF142AUTPLATO TEMPORARY TABLESPACE TEMP QUOTA  
UNLIMITED ON OBSCF142AUTPLATO;
```


2. Provide the following grants to the created schemas.

PLATO	
PLATOSEC	
SMS	
COMMONCORE	GRANT CREATE SESSION TO <SCHEMA_NAME>;
OBSCF-ACCOUNTING	GRANT CREATE TABLE TO <SCHEMA_NAME>;
OBSCF-CORE	GRANT CREATE VIEW TO <SCHEMA_NAME>;
OBSCF-FINANCE	GRANT CREATE SYNONYM TO <SCHEMA_NAME>;
OBSCF-FINANCE	GRANT CREATE SEQUENCE TO <SCHEMA_NAME>;
OBSCF-INVOICING	GRANT CREATE PROCEDURE TO <SCHEMA_NAME>;
OBSCF-LIMIT-UTILIZ	GRANT CREATE TRIGGER TO <SCHEMA_NAME>;
OBSCF-MAINTENANCE	GRANT CREATE TYPE TO <SCHEMA_NAME>;
OBSCF-MAINTENANCE	GRANT CREATE ANY SYNONYM TO <SCHEMA_NAME>;
OBSCF-NON-CUSTOMER	GRANT SELECT ANY TABLE TO <SCHEMA_NAME>;
OBSCF-RECON	
OBSCF-REPORT	
OBSCF-BATCH	