

INSTALL OF WEBLOGIC BY THE HELP OF 12C .

1. Oracle WebLogic Server Installers . *Generic

(608 MB) .LINK

-<https://www.oracle.com/middleware/technologies/weblogic-server-installers-downloads.html>

2. Install of jdk .Linux x86 - link

<https://www.oracle.com/in/java/technologies/javase/javase8-archive-downloads.html>

* if jdk is have in tar or jar file so we have to extract the file . **COMMAND** is [tar -xvf] if it having in tar or not then [unzip file name]

*After that we have to set pathof JDK (**COMMAND** -Vi
brash_profile)

.bash_profile

Get the aliases and functions

if [-f ~/.bashrc]; then

 . ~/.bashrc

fi

User specific environment and startup programs

```
PATH=$PATH:$HOME/.local/bin:$HOME/bin
```

```
export PATH
```

```
PATH=$PATH:$HOME/.local/bin:$HOME/bin
```

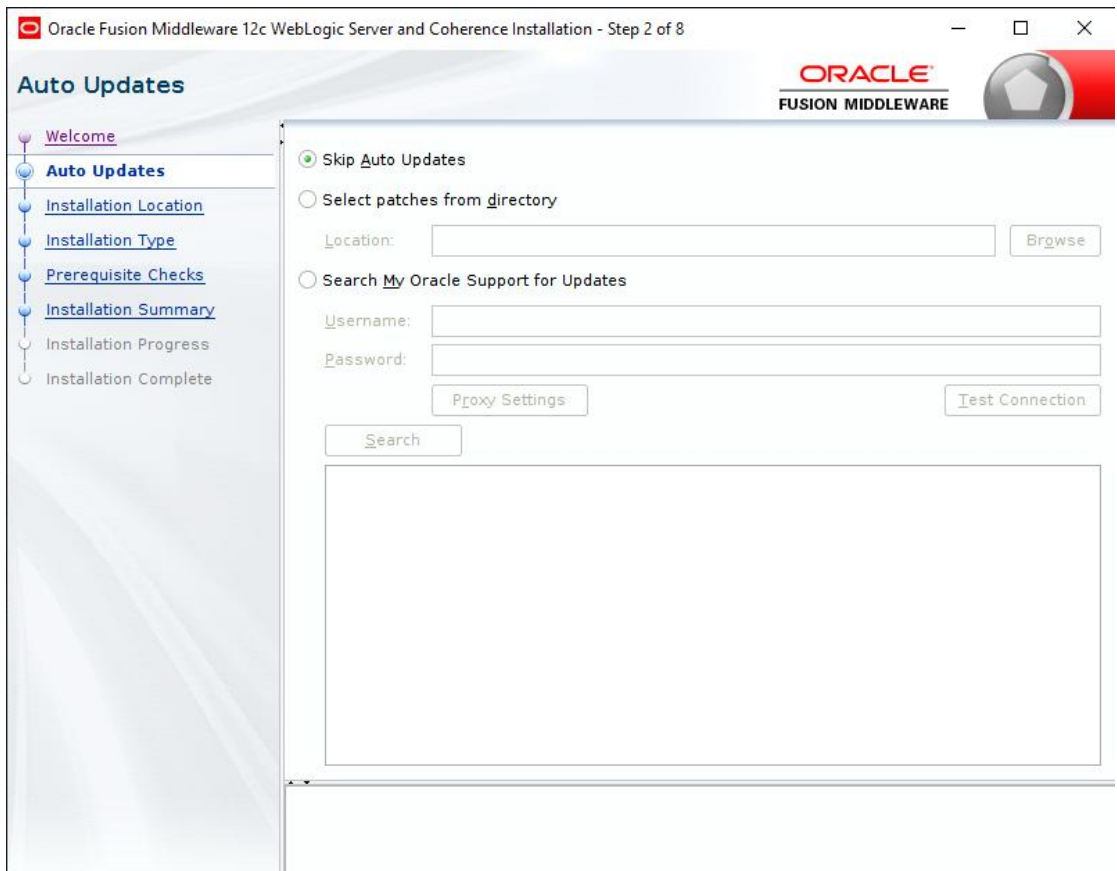
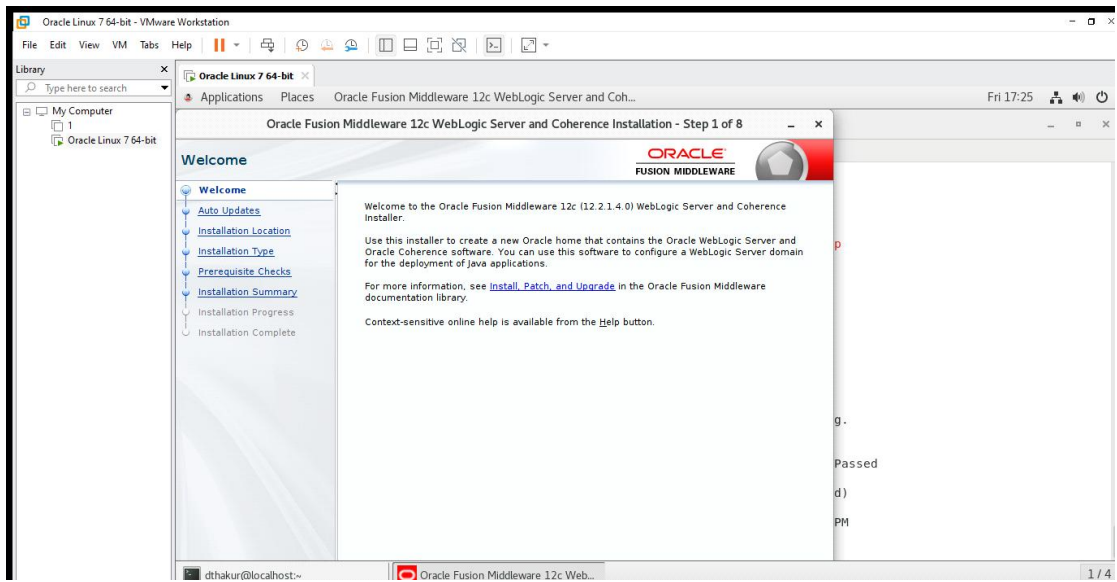
```
export JAVA_HOME=/home/saiteja/jdk1.8.0_202
```

```
export PATH=$JAVA_HOME/bin:$PATH
```

* To check the java version Command -{ [Java -version](#)}


Now install in serve weblogic

```
#java -jar fmw .....12 c.....
```



Oracle Fusion Middleware 12c WebLogic Server and Coherence Installation - Step 3 of 8

ORACLE
FUSION MIDDLEWARE



Installation Location

Welcome

Auto Updates

Installation Location

Installation Type

Prerequisite Checks

Installation Summary

Installation Progress

Installation Complete

Oracle Home:

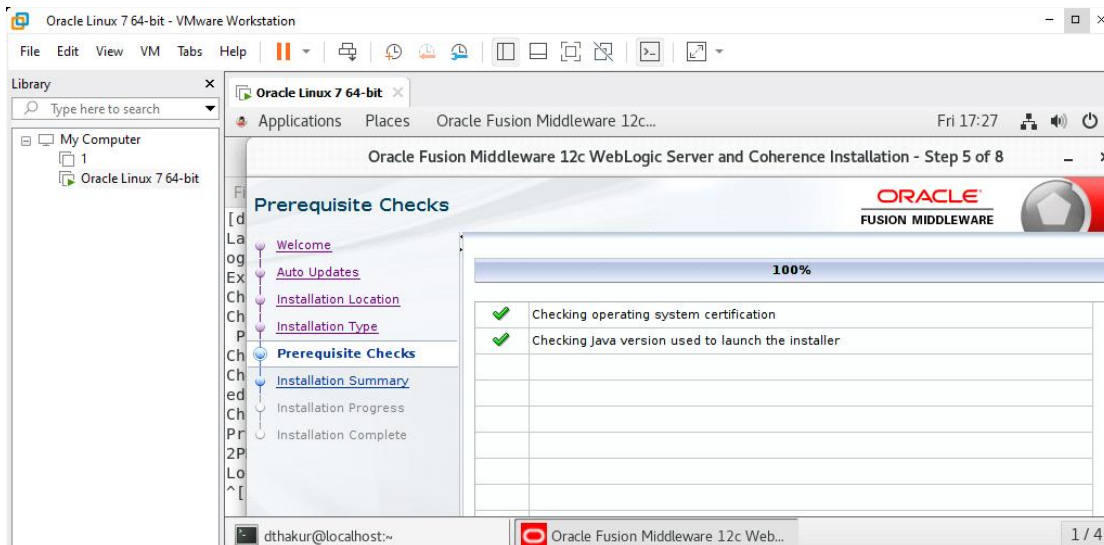
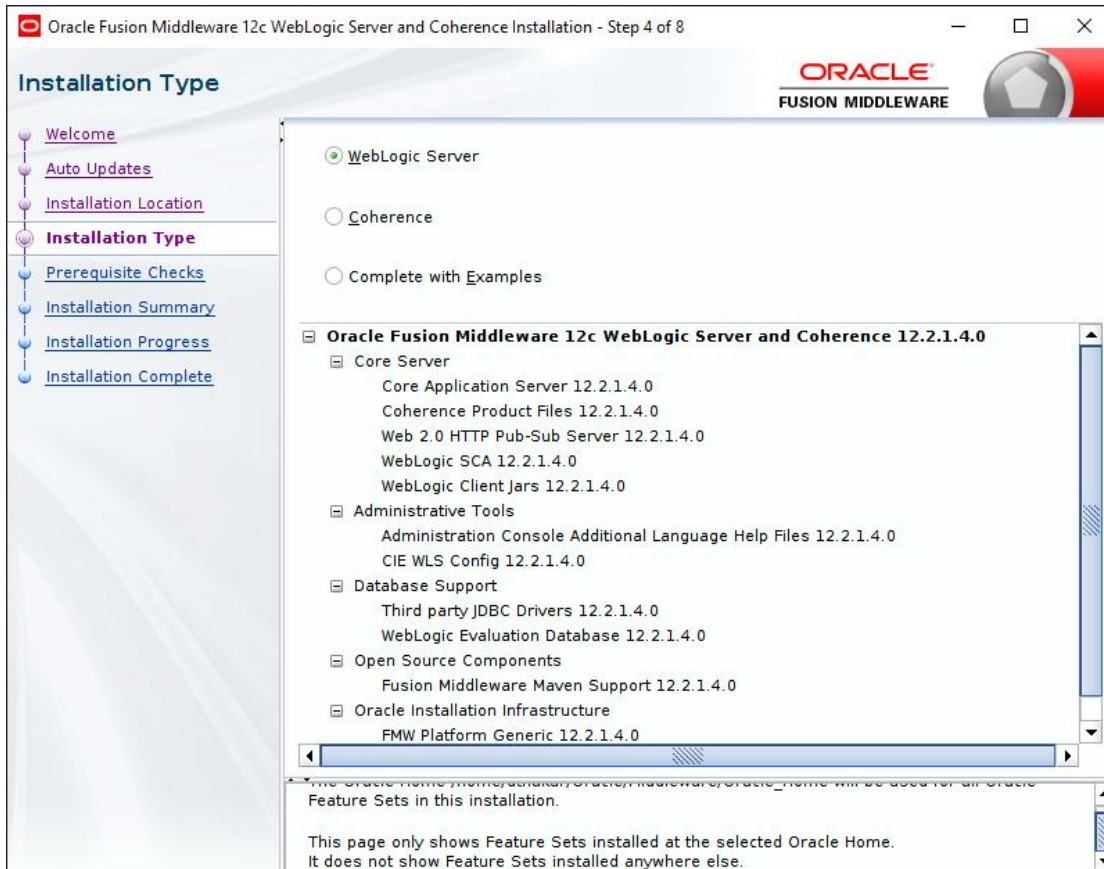
/home/dthakur/Oracle/Middleware/Oracle_Home

Browse

Feature Sets Installed At Selected Oracle Home:

View

Oracle Home may only contain alphanumeric, underscore (_), hyphen (-) or dot(.) characters and it must begin with an alphanumeric character.



Oracle Fusion Middleware 12c WebLogic Server and Coherence Installation - Step 5 of 8

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Prerequisite Checks

Welcome

Auto Updates

Installation Location

Installation Type

Prerequisite Checks

Installation Summary

Installation Progress

Installation Complete

100%

✓	Checking operating system certification
✓	Checking Java version used to launch the installer

Stop

Rerun

Skip

✓ View Successful Tasks

View Log

✓ Checking operating system certification

✓ Checking Java version used to launch the installer

Oracle Fusion Middleware 12c WebLogic Server and Coherence Installation - Step 6 of 8

ORACLE
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Installation Summary

Welcome

Auto Updates

Installation Location

Installation Type

Prerequisite Checks

Installation Summary

Installation Progress

Installation Complete

Install Oracle Fusion Middleware 12c WebLogic Server and Coherence

Installation Location

Oracle Home Location: /home/dthakur/Oracle/Middleware/Oracle_Home

Log File Location: /tmp/Orainstall2023-07-21_06-08-14PM/install2023-07-21_06-08-14PM.log

Disk Space

Required: 859 MB

Available: 1030 MB

Feature Sets to Install

Administration Console Additional Language Help Files 12.2.1.4.0

CIE WLS Config 12.2.1.4.0

Third party JDBC Drivers 12.2.1.4.0

WebLogic Evaluation Database 12.2.1.4.0

FMW Platform Generic 12.2.1.4.0

OPatch 13.9.4.2.1

Fusion Middleware Maven Support 12.2.1.4.0

Core Application Server 12.2.1.4.0

Coherence Product Files 12.2.1.4.0

Web 2.0 HTTP Pub-Sub Server 12.2.1.4.0

WebLogic SCA 12.2.1.4.0

WebLogic Client Jars 12.2.1.4.0


Save Response File

Select Install to accept the above options and start the installation.

To change the above options before starting the installation, select the option to change in the left pane or use the Back button.

Oracle Fusion Middleware 12c WebLogic Server and Coherence Installation - Step 7 of 8

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Installation Progress

○ Welcome

○ Auto Updates

○ Installation Location

○ Installation Type

○ Prerequisite Checks

○ Installation Summary

● Installation Progress

● Installation Complete


100%

✓	Prepare
✓	Copy
✓	Generating Libraries
✓	Performing String Substitutions
✓	Linking
✓	Setup
✓	Saving the inventory
✓	Post install scripts

View Messages

✓ View Successful Tasks

View Log



Hardware and Software

Engineered to Work Together



4.Command of installing for domain

ORACLE_HOME/oracle_com

Fusion Middleware Configuration Wizard - Page 2 of 8

Templates

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FUSION MIDDLEWARE

Create Domain

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Configuration Summary

Configuration Progress

End Of Configuration

Create Domain Using Product Templates:

Filter Templates:

☐ Include all selected templates ☐ Include all previously applied templates

Available Templates

- ☒ Basic WebLogic Server Domain [wlserver] *
- ☐ WebLogic Advanced Web Services for JAX-RPC Extension [oracle_common]
- ☐ WebLogic Advanced Web Services for JAX-WS Extension [oracle_common]
- ☐ WebLogic JAX-WS SOAP/MS Extension [oracle_common]
- ☐ WebLogic Coherence Cluster Extension [wlserver]

Create Domain Using Custom Template:

Template location:

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Administrator Account

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Create Domain

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Configuration Summary

Configuration Progress

End Of Configuration

Name

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.

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Create Domain

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Configuration Summary

Configuration Progress

End Of Configuration

Domain Mode and JDK

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_202 /home/dthakur/jdk1.8.0_202

☐ Other JDK Location:

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Create Domain

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Administration Server

Node Manager

Managed Servers

Clusters

Server Templates

Machines

Virtual Targets

Partitions

Configuration Summary

Configuration Progress

End Of Configuration

Advanced Configuration

☒ Administration Server

Modify Settings

☒ Node Manager

Configure Node Manager

☒ Topology

Add, Delete or Modify Settings for Managed Servers, Clusters, Virtual Targets and Coherence

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Administration Server

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Create Domain
Templates
Administrator Account
Domain Mode and JDK
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Node Manager
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Server Templates
Machines
Virtual Targets
Partitions
Configuration Summary
Configuration Progress
End Of Configuration

Server Name:

Listen Address:

Listen Port:

Enable SSL: ☐

SSL Listen Port:

The name must not be null or empty and may not contain any : , = * ? % / _ cloned.

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Node Manager

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Create Domain
Templates
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Advanced Configuration
Administration Server
Node Manager
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Server Templates
Machines
Virtual Targets
Partitions
Configuration Summary
Configuration Progress
End Of Configuration

Node Manager Type

☒ Per Domain Default Location
☐ Per Domain Custom Location
Node Manager Home:
☐ Manual Node Manager Setup

Node Manager Credentials

Username:

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.

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Managed Servers

Create Domain

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Administration Server

Node Manager

Managed Servers

Clusters

Server Templates

Machines

Virtual Targets

Partitions

Configuration Summary

Configuration Progress

End Of Configuration

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+ Add

Clone

X Delete

Discard Changes

Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port
new_ManagedServer_1	All Local Addresses	7003	<input type="checkbox"/>	Disabled
new_ManagedServer_2	All Local Addresses	7004	<input type="checkbox"/>	Disabled

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Server Templates

Create Domain

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Administration Server

Node Manager

Managed Servers

Clusters

Server Templates

Dynamic Servers

Assign Servers to Clusters

Machines

Virtual Targets

Partitions

Configuration Summary

Configuration Progress

End Of Configuration

ORACLE
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+ Add

X Delete

Discard Changes

Name	Listen Port	SSL Listen Port	Enable SSL
------	-------------	-----------------	------------

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Dynamic Servers

Disard Changes

Cluster Name	Server Name Prefix	Server Template	Dynamic Cluster Size	Machine Name Match Expression	Calculated Machine Names	Calculated Listen Ports
new_Cluster_1	Disabled	Unspecified	Disabled	Disabled	<input type="checkbox"/>	<input type="checkbox"/>
new_Cluster_2	Disabled	Unspecified	Disabled	Disabled	<input type="checkbox"/>	<input type="checkbox"/>
new_Cluster_3	Disabled	Unspecified	Disabled	Disabled	<input type="checkbox"/>	<input type="checkbox"/>
new_Cluster_4	Disabled	Unspecified	Disabled	Disabled	<input type="checkbox"/>	<input type="checkbox"/>

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Configuration Progress

End Of Configuration

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ORACLE

FUSION MIDDLEWARE

Assign Servers to Clusters

Servers

Clusters

new_Cluster_1

Server

new_ManagedServer_1

new_Cluster_2

Server

new_ManagedServer_2

new_Cluster_3

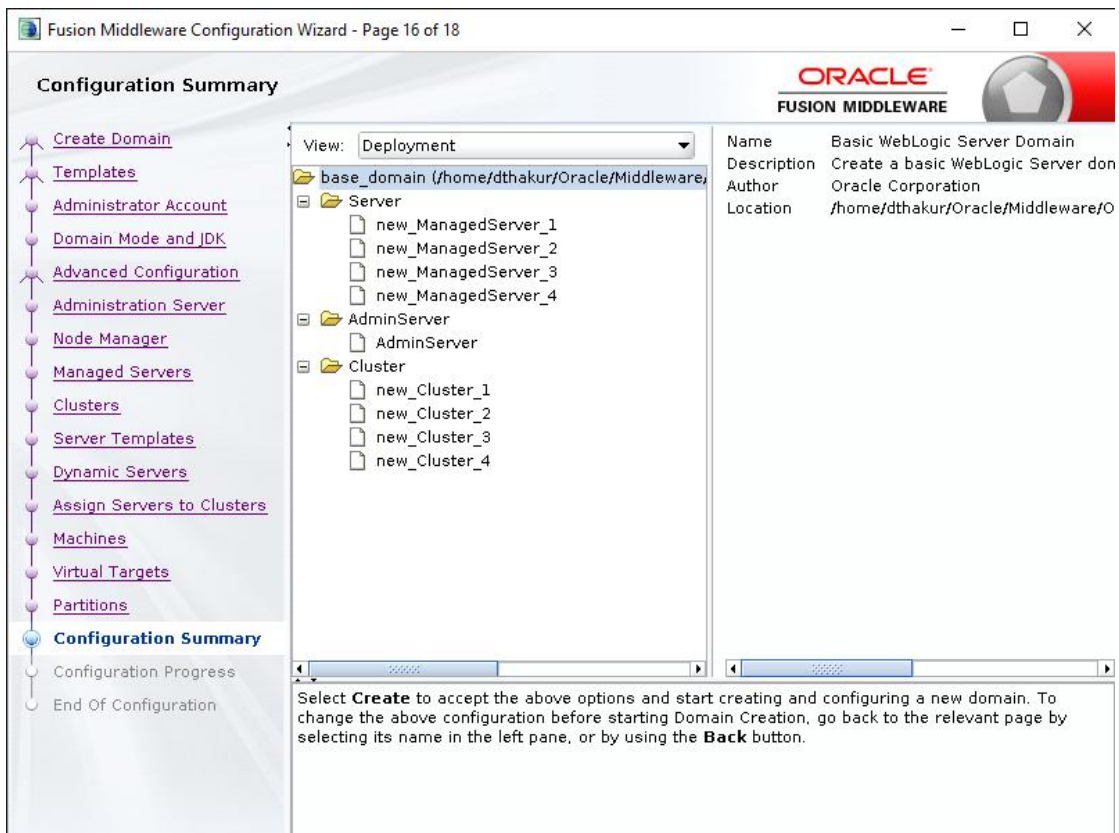
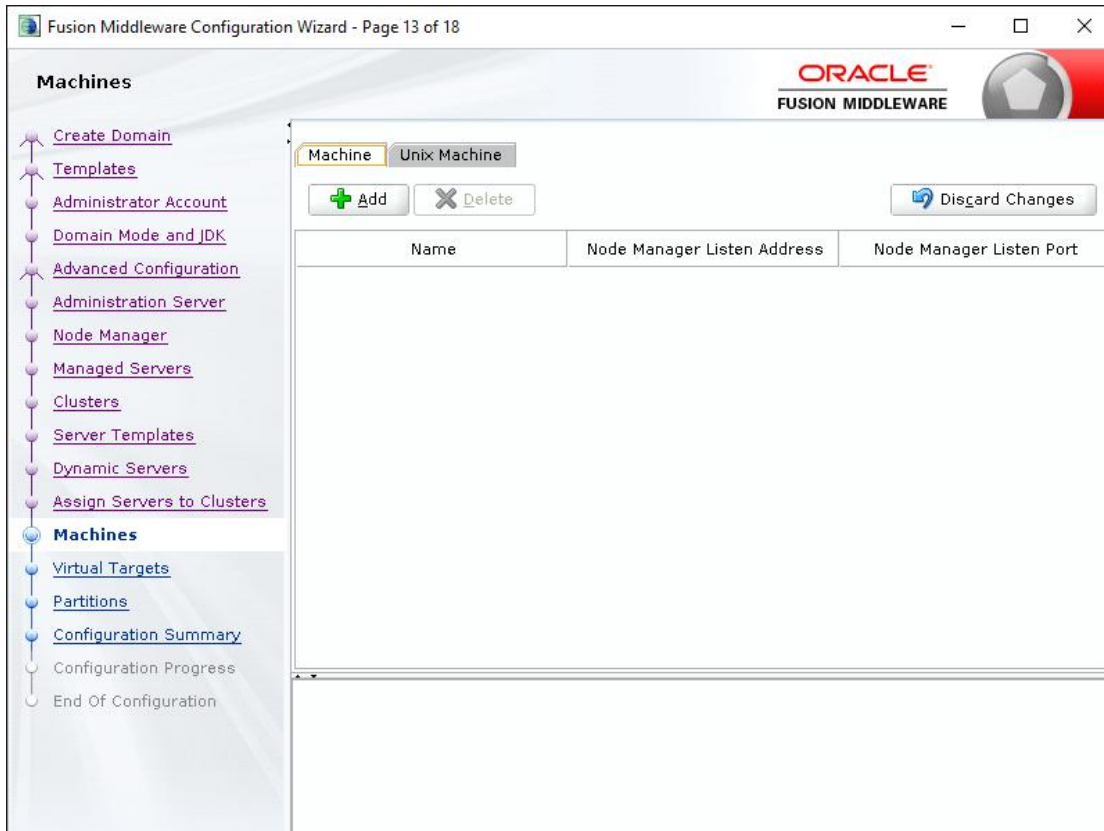
new_Cluster_4

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Configuration Progress

End Of Configuration

Select **one or more** servers in the left pane and **one** cluster in the right pane. Then use the right arrow button (>) to assign the server or servers to the cluster.



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Configuration Progress

100%

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

- Create Domain
- Templates
- Administrator Account
- Domain Mode and JDK
- Advanced Configuration
- Administration Server
- Node Manager
- Managed Servers
- Clusters
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- Dynamic Servers
- Assign Servers to Clusters
- Machines
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- Partitions
- Configuration Summary
- Configuration Progress**
- End Of Configuration

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FUSION MIDDLEWARE

End Of Configuration

✓ **Oracle Weblogic Server Configuration Succeeded**
New Domain base_domain Creation Succeeded

Domain Location
[/home/dthakur/Oracle/Middleware/Oracle_Home/user_projects/domains/base_domain](#)

Admin Server URL
[http://localhost.localdomain:7001/console](#)

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- Configuration Summary
- Configuration Progress
- End Of Configuration**

mon/common/bin/config.sh

