

Oracle Banking Virtual Account Management User Interface  
Installation Guide  
Release 14.1.0.1.0  
December 2018



## Oracle Banking Virtual Account Management User Interface Installation Guide

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# 1. Preface

## 1.1 Introduction

This guide would help you to install the OBVAM UI on designated environment. It is assumed that all the prior setup is already done related with WebLogic managed server creation. It is recommended to use dedicated managed server for OBVAM UI.

## 1.2 Audience

This document is intended for WebLogic admin or ops-web team who are responsible for installing the OFSS banking products.

## 1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.4 Organization

This installation user guide would allow you to install following:

- OBVAM UI

## 2. 1. Domain and Cluster Configuration

### 1.4.4 Oracle Banking Virtual Account Management UI Domain (OBVAMUI)

Fusion Middleware Configuration Wizard - Page 1 of 8

**Configuration Type**

ORACLE  
FUSION MIDDLEWARE

**Create Domain**

Templates

Administrator Account

Domain Mode and JDK

Advanced Configuration

Configuration Summary

Configuration Progress

End Of Configuration

What do you want to do?

☒ Create a new domain

☐ Update an existing domain

Domain Location:

Create a new domain.

Fusion Middleware Configuration Wizard - Page 6 of 15

**Administration Server**

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

Server Name:

Listen Address:

Listen Port:

Enable SSL: ☐

SSL Listen Port:

Port number must be between 1 and 65535, and different from SSL listen port and coherence port.

Fusion Middleware Configuration Wizard - Page 7 of 15

**Managed Servers**

ORACLE  
FUSION MIDDLEWARE

+ Add Clone X Delete Discard Changes

Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port
obvamui_ManagedServer	All Local Addresses	8103	<input type="checkbox"/>	Disabled

Help < Back Next > Finish Cancel

Fusion Middleware Configuration Wizard - Page 8 of 17

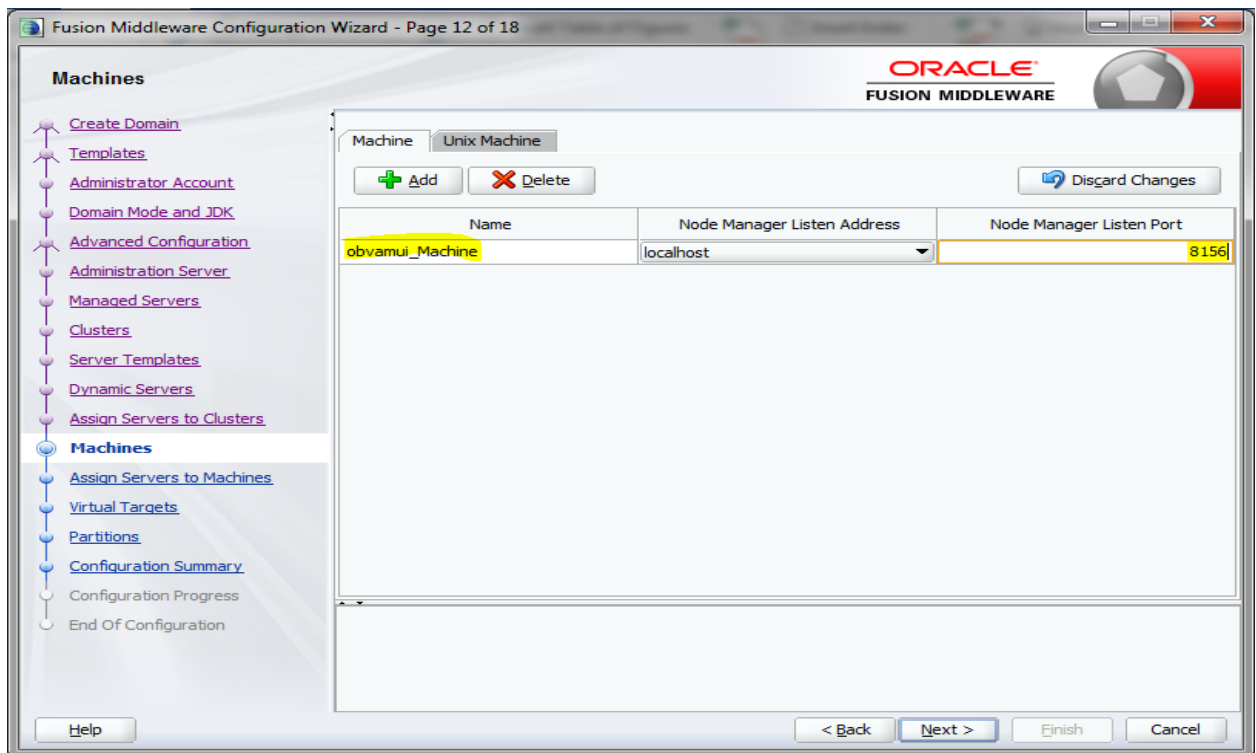
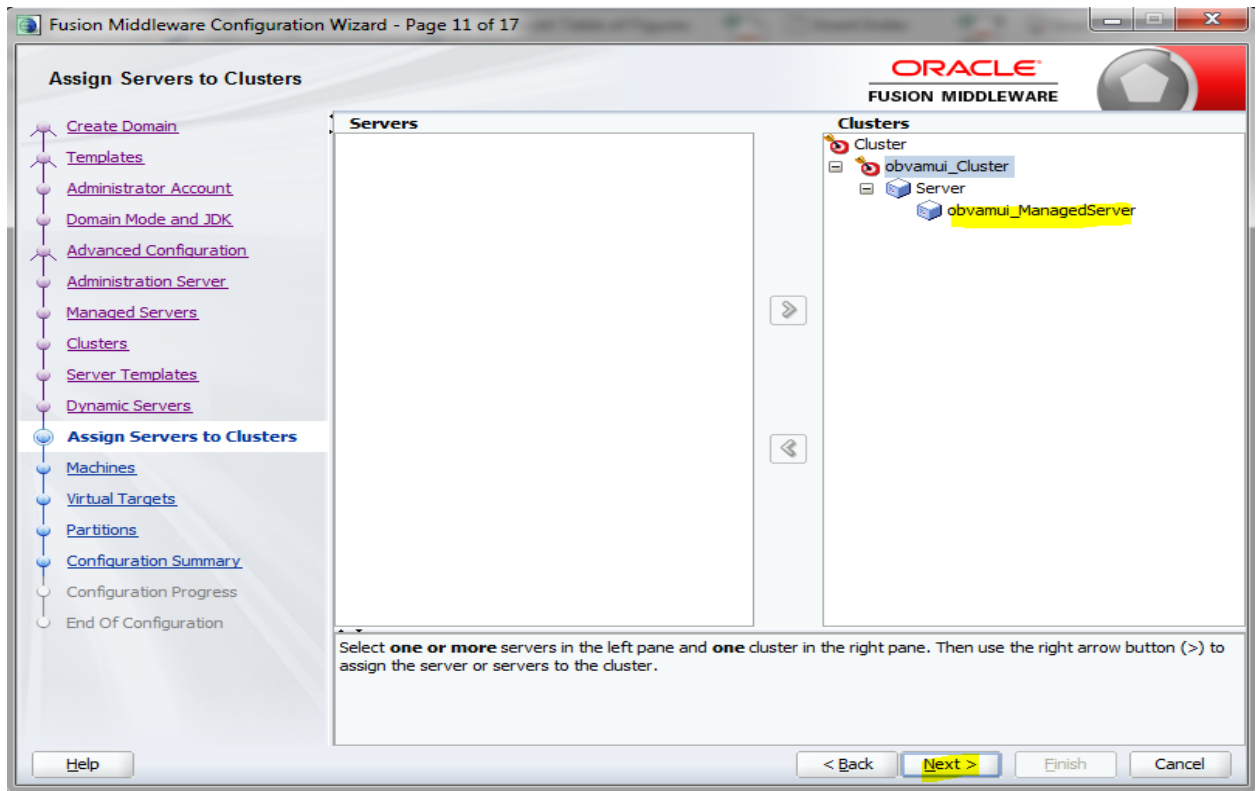
**Clusters**

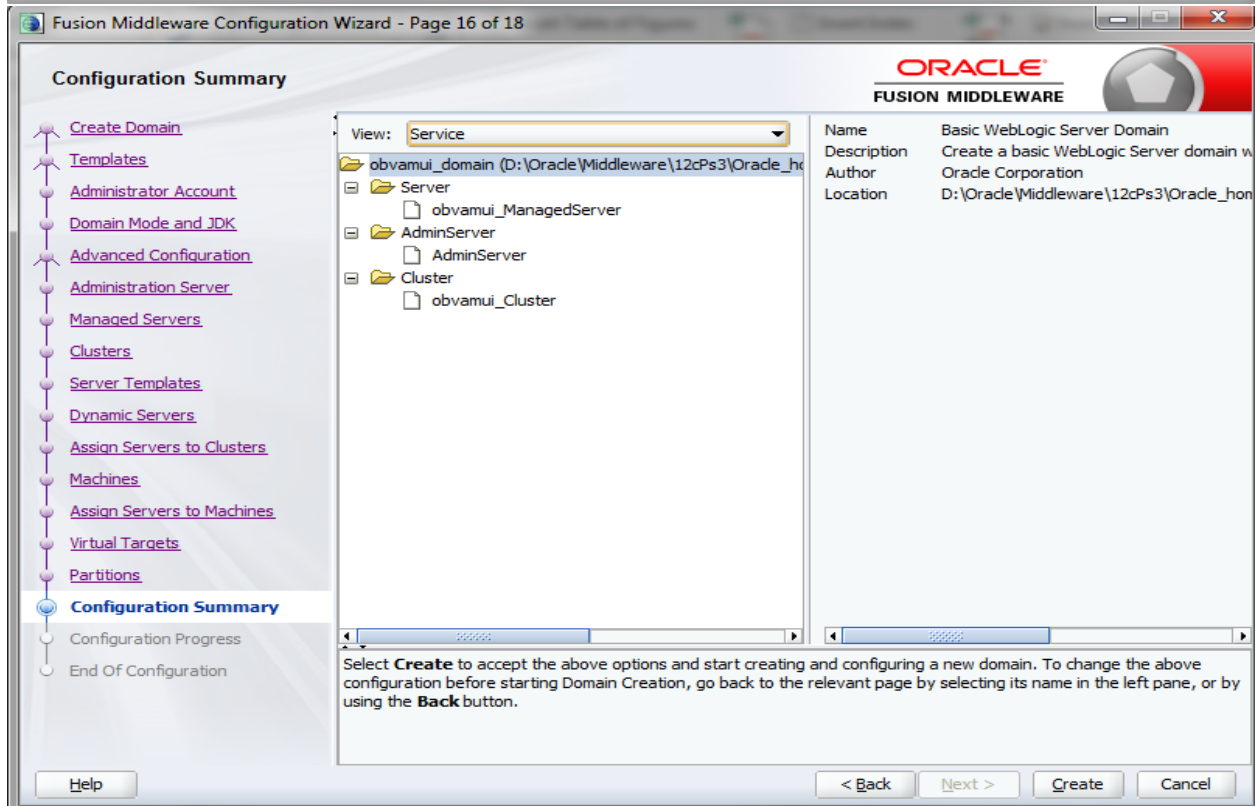
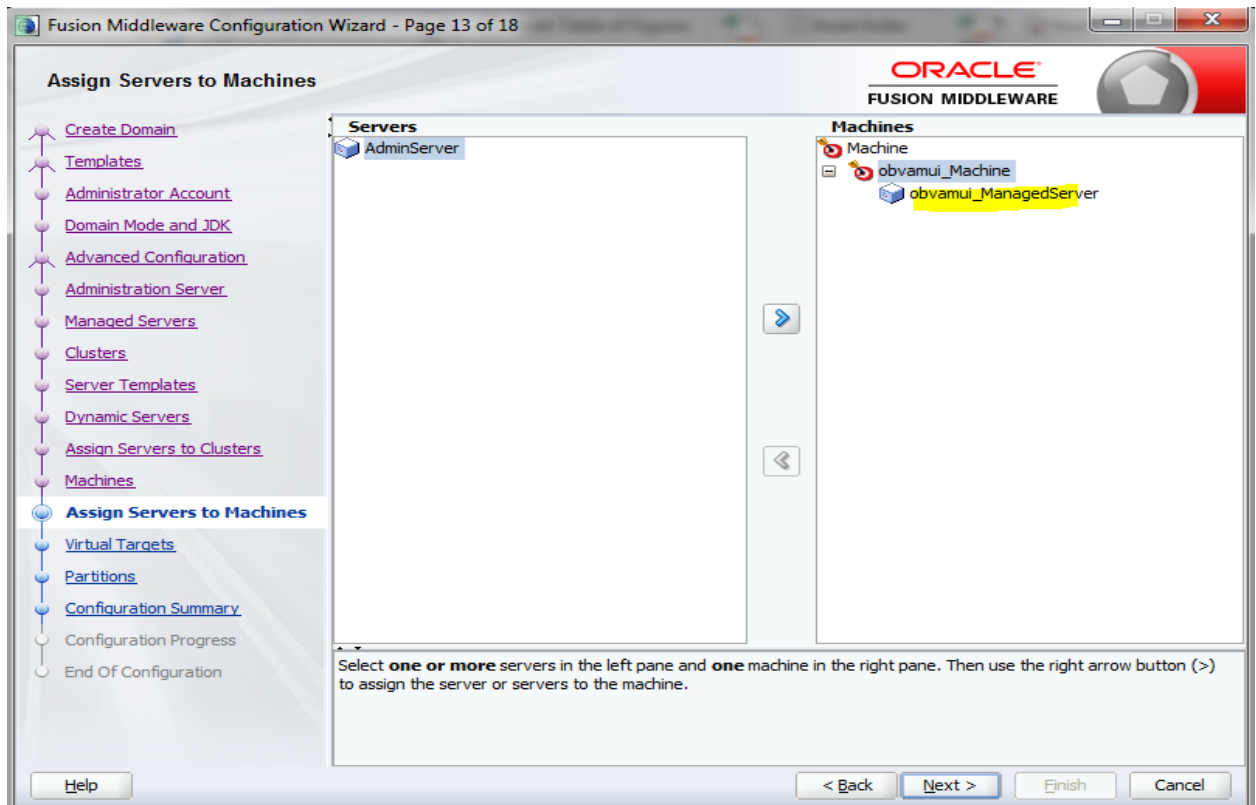
ORACLE  
FUSION MIDDLEWARE

+ Add X Delete Discard Changes

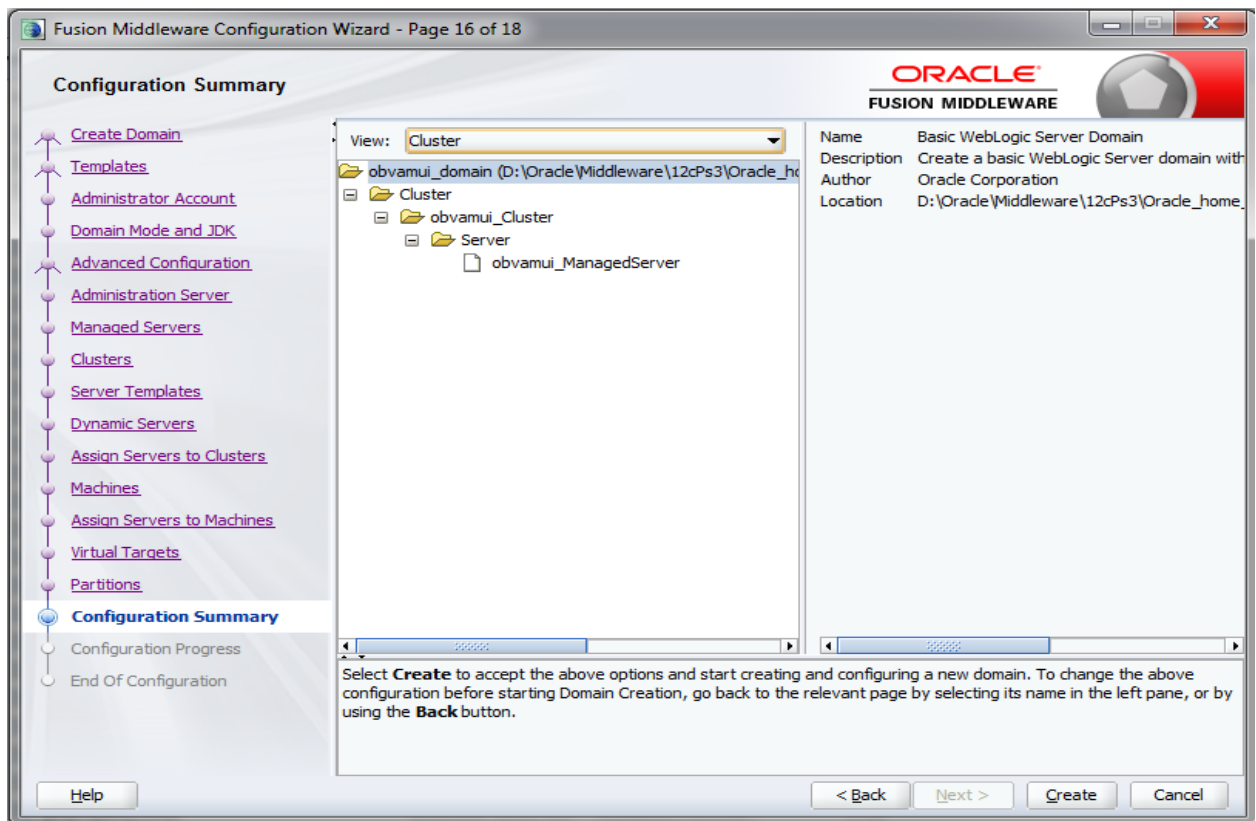
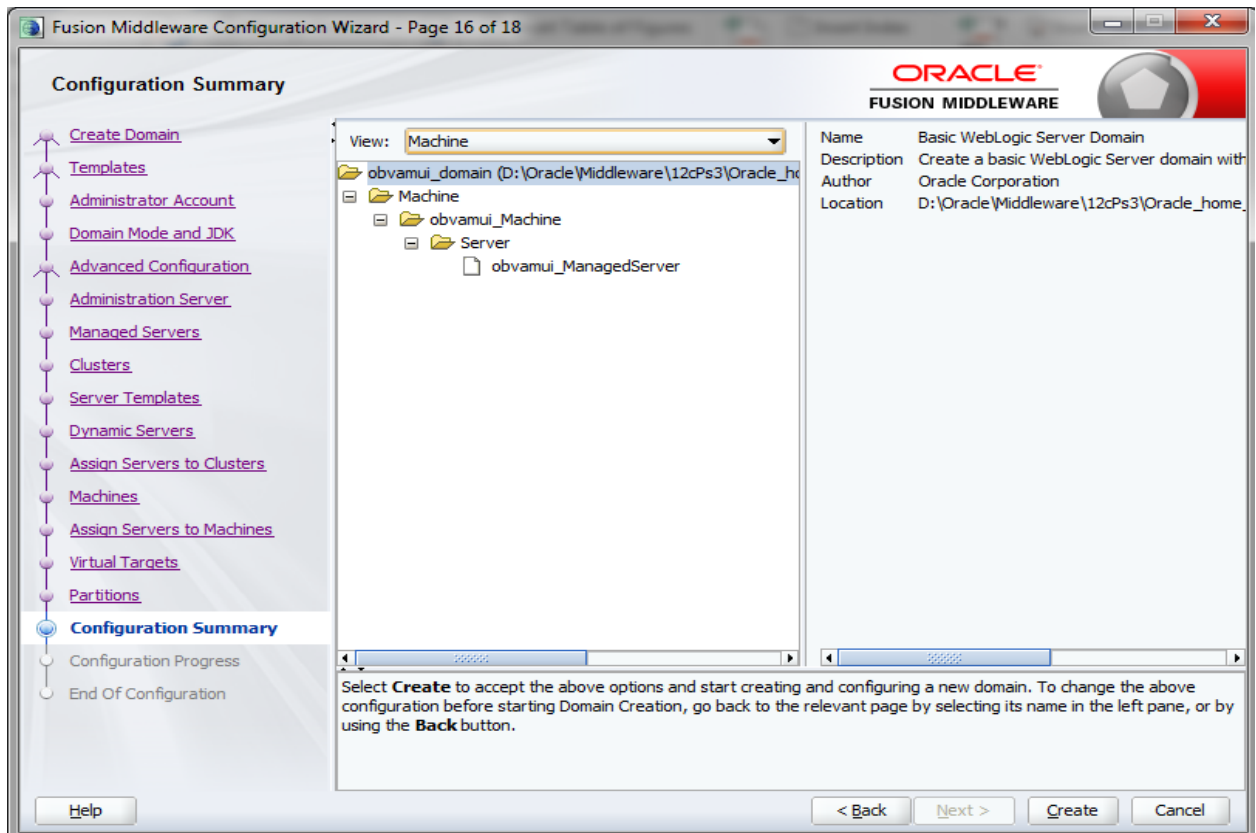
Cluster Name	Cluster Address	Frontend Host	Frontend HTTP Port	Frontend HTTPS Port
obvamui_Cluster			0	0

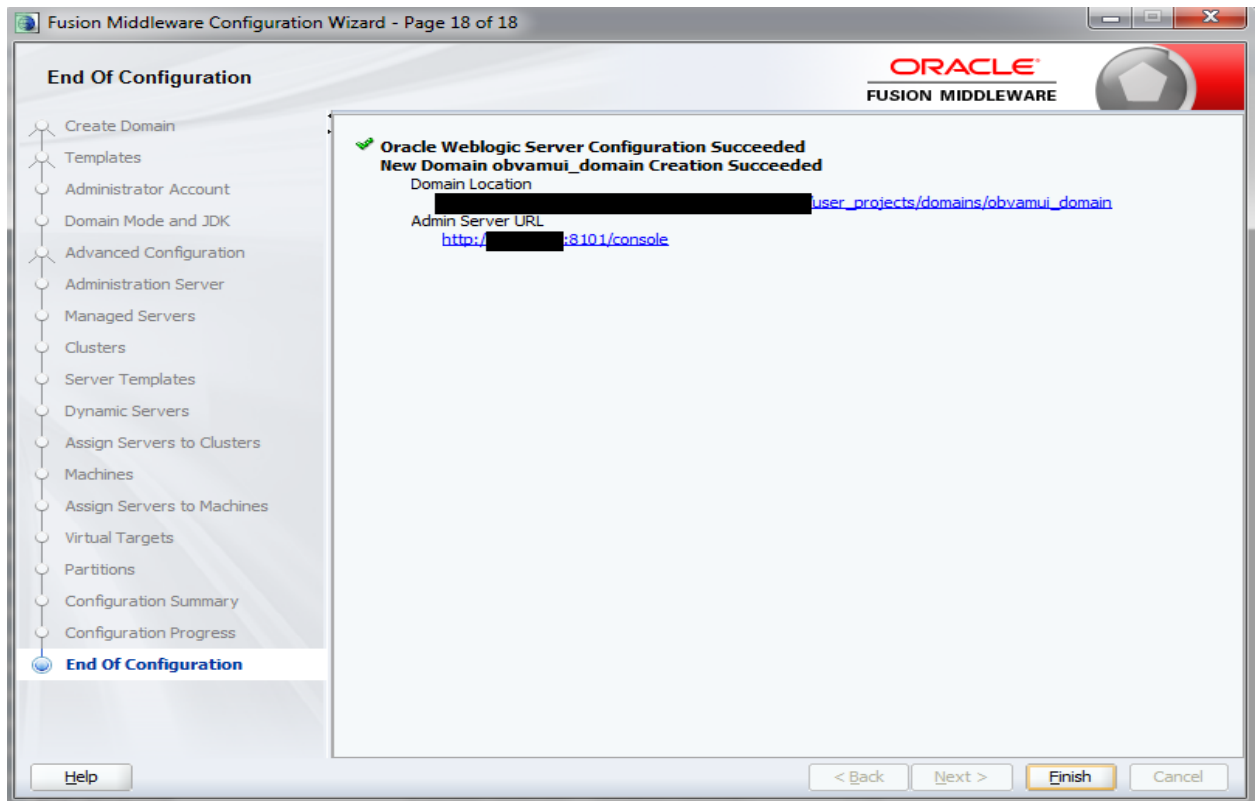
Help < Back Next > Finish Cancel











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

**Lock & Edit**

**Release Configuration**

**Domain Structure**

- obvamui\_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

**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			RUNNING	OK	8101
obvamui_ManagedServer	Configured	obvamui_Cluster	obvamui_Machine	SHUTDOWN	Not reachable	8103

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

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

**Lock & Edit**

**Release Configuration**

**Domain Structure**

- obvamui\_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 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 1 of 1 Previous | Next

Name	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Channel	Servers
obvamui_Cluster		Unicast	Database	Round Robin	(None)		obvamui_ManagedServer

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

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

Lock & Edit
Release Configuration

Domain Structure
obvamu\_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 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
obvamu_Machine	Machine

New Clone Delete
Showing 1 to 1 of 1 Previous Next

### 1.1.1 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.
- Create boot.properties file under /user\_projects/domains/XXXXdomainNameXXX/servers/AdminServer/security
- Edit boot.properties and give username and password details.
- Go to /user\_projects/domain/sms\_domain/bin
- Run startWeblogic.cmd (or .sh if operating system is linux)
- Go to /user\_projects/domains/ sms \_domain/bin
- Run setNMJavaHome.cmd (.sh)
- Go to /user\_projects/domains/ sms \_domain/nodemanager
- And edit nodemanager.properties as required( securelistner = false if ssl and keystore is not given) And in admin console also Goto Machines- > sms\_Machine -> Node Manager -> Type -> Plain -> Save
- Go to /user\_projects/domains/ sms \_domain/bin
- Run startNodeManager.cmd (or .sh if operating system is linux )
- Start all managed servers.
- Login console and verify servers and clusters

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

Lock & Edit
Release Configuration

Domain Structure
sms\_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 Servers

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			RUNNING	OK	8010
WLS_SMS	Configured	sms_Cluster	sms_Machine	SHUTDOWN	Not reachable	8013

New Clone Delete
Showing 1 to 2 of 2 Previous Next

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

Lock & Edit
Release Configuration

Domain Structure
sms\_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 Clusters

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A cluster defines groups of WebLogic Server servers that work together to increase scalability and reliability.

Customize this table

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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	Cluster Address	Cluster Messaging Mode	Migration Basis	Default Load Algorithm	Replication Type	Cluster Broadcast Channel	Servers
sms_Cluster		Unicast	Database	Round Robin	(None)		WLS_SMS

New Clone Delete
Showing 1 to 1 of 1 Previous Next

view changes and restarts

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

Lock & Edit

Release Configuration

Domain Structure

ams\_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 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.

NewCloneDelete

Showing 1 to 1 of 1PreviousNext

<input type="checkbox"/>	Name ↕	Type
<input type="checkbox"/>	ams_Machine	Machine

NewCloneDelete

Showing 1 to 1 of 1PreviousNext

2-8

ORACLE®

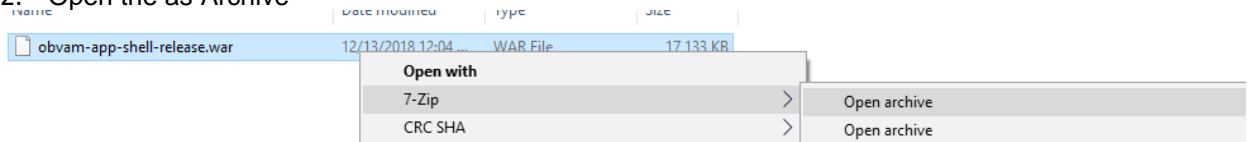
## 3. Deployments

### 3.1 Deploying an Application

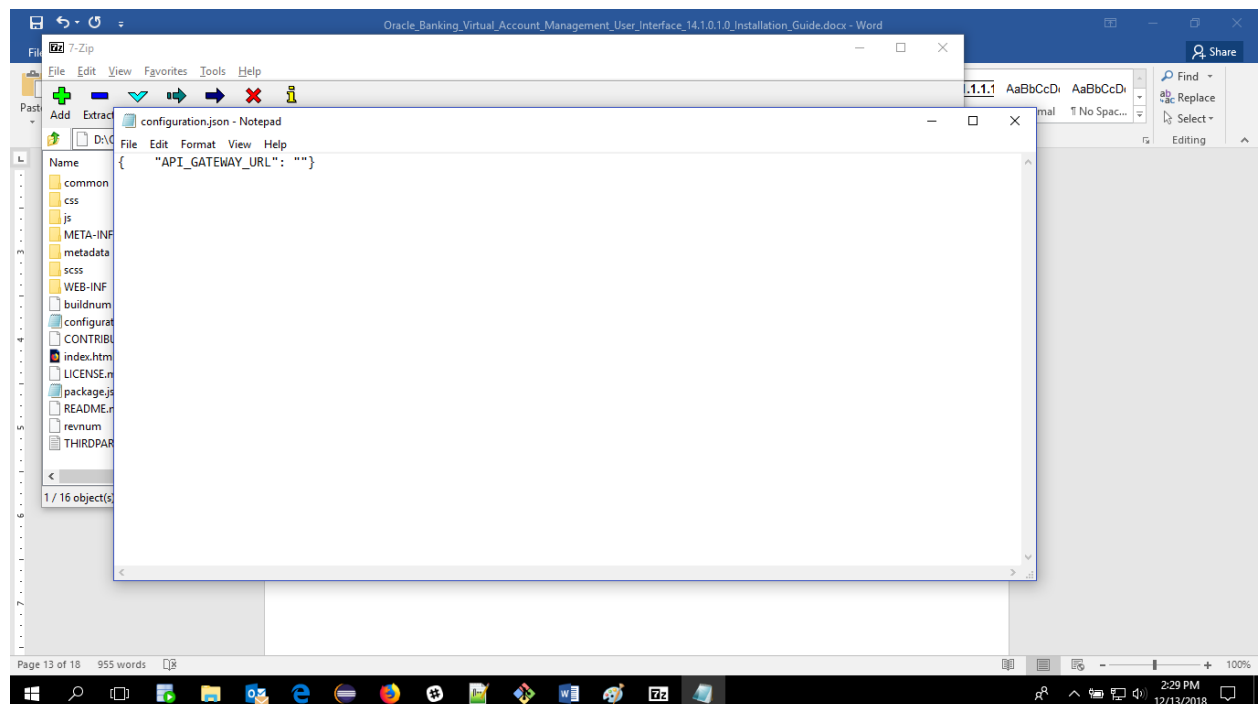
[Note: Server names, Domain names need not to be same as this doc provides]

Steps to Deploy archives as application on weblogic is same 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. Extract the zip , navigate to **U:\obvam-app-shell\APP**
2. Open the as Archive



3. Open the **configuration.json** file.
4. Update the **APIGateway** URL. Example: { "API\_GATEWAY\_URL": "https://HOST\_NAME:PORT\_NO"}



5. Save and Close.
6. Open WebLogic console and navigate to the Deployments.

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

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
app_shell	Active	OK	Web Application	AdminServer	Global		100

Showing 1 to 1 of 1 Previous | Next

7. Click on **install** > Upload your file link > Browse to app-shell war > click **Next**.

Install Application Assistant - base\_domain - WLS Console - Mozilla Firefox

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 of the application 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 descriptors.

Path: /scratch/samarth

Recently Used Paths: /scratch/samarth

Current Location: localhost / scratch / samarth

☒ app\_shell (open directory)

Back Next Finish Cancel

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

Install Application Assist... x

localhost:7001/console/console.portal?AppApplicationInstallPortlet\_actionOverride=/com/bea/console/actions/app/install/ap

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: base\_domain

Home > Summary of Deployments

Install Application Assistant

Back Next Finish Cancel

Choose installation type and scope

Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.

The application and its components will be targeted to the same locations. This is the most common usage.

☒ Install this deployment as an application

Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.

☐ Install this deployment as a library

Select a scope in which you want to install the deployment.

Scope: Global

Back Next Finish Cancel

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

base\_domain

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

How do I...

- Start and stop a deployed enterprise application
- Configure an enterprise application
- Create a deployment plan

## 9. Click Next.

Install Application Assist... x

localhost:7001/console/console.portal?AppApplicationInstallPortlet\_actionOverride=/com/bea/console/actions/app/install/tai

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: base\_domain

Home > Summary of Deployments

Install Application Assistant

Back Next Finish Cancel

Optional Settings

You can modify these settings or accept the defaults.

\* Indicates required fields

General

What do you want to name this deployment?

Name: app\_shell-1

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.

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

base\_domain

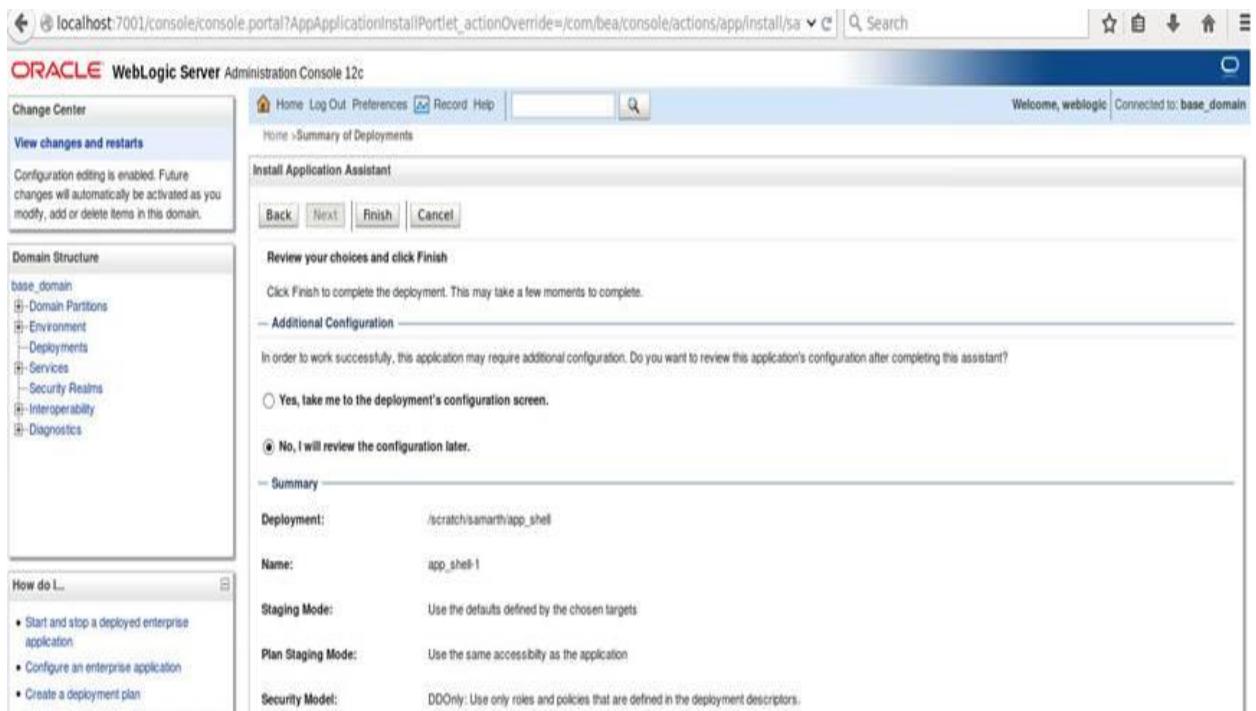
- Domain Partitions
- Environment
- Deployments
- Services
- Security Realms
- Interoperability
- Diagnostics

How do I...

- Start and stop a deployed enterprise application
- Configure an enterprise application
- Create a deployment plan

## 10. Check the option "No i will review the configuration later" and click Finish





11. Navigate to the **control** tab click on **start** and select the option "**servicing all requests**" and Click on **Yes**.



12. Verify state is **Active**. If yes please try to open the url in this format.  
**http://HostName:PortNo/app-shell/**