

## **Install Oracle MapViewer 12.2.1.1.0 on WebLogic without JRF components**

The basic steps are:

- Download and install WLS - can be the generic or the infrastructure FMW installer file
- Run the WLS config wizard to create a domain.
- Download MapViewer 12.2.1.1.0 ear file for WebLogic.
- Start WebLogic domain.
- Use WLS console to deploy the MapViewer 12.2.1.1.0 WLS specific ear.

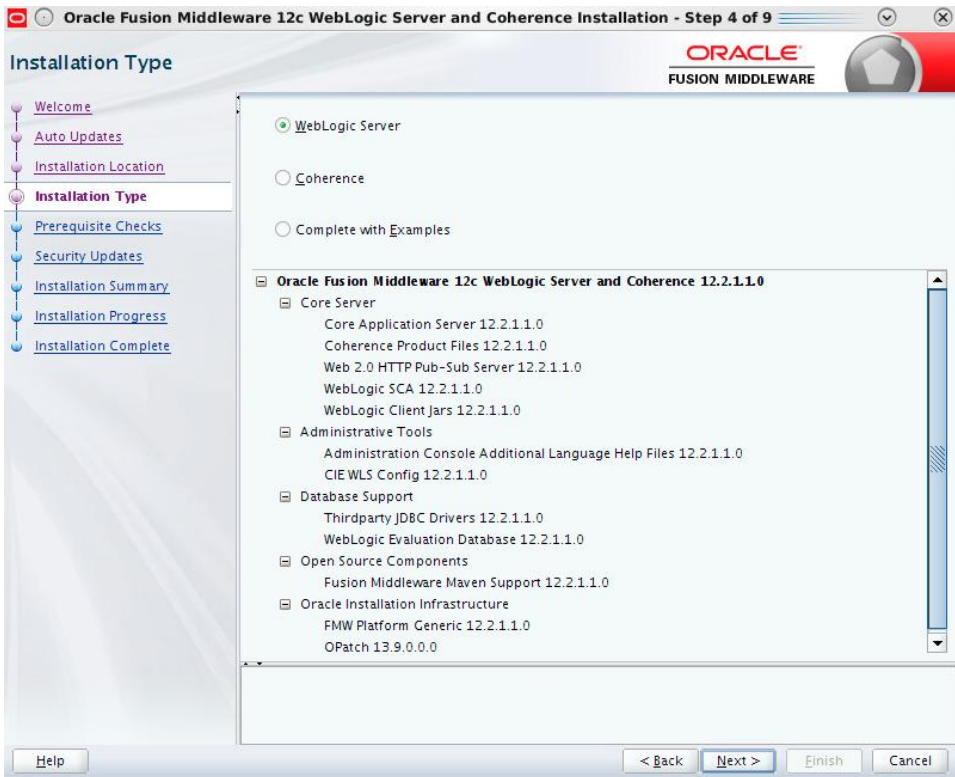
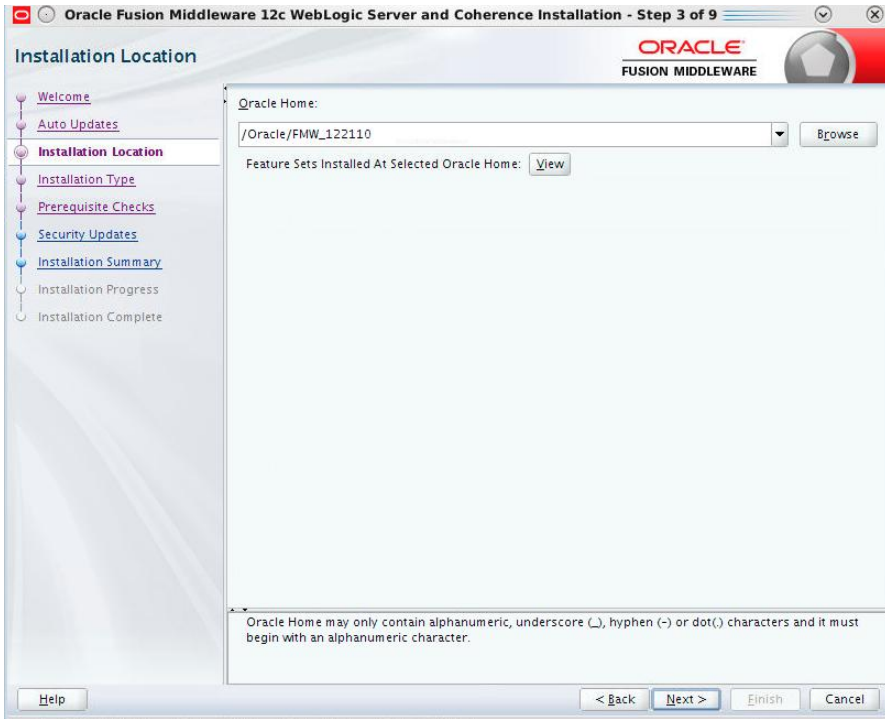
### **Step 1: WebLogic Install**

Go to OTN download page <http://www.oracle.com/technetwork/middleware/fusion-middleware/downloads/index.html> and get the Oracle WebLogic Server 12cR2 (12.2.1.1) generic or infrastructure installer.

Using Java jdk8 execute the installer and follow the wizard pages to complete installation. If generic installer is being used the command is:

```
java -jar fmw_12.2.1.1.0_wls.jar
```

The following are some of the wizard steps:



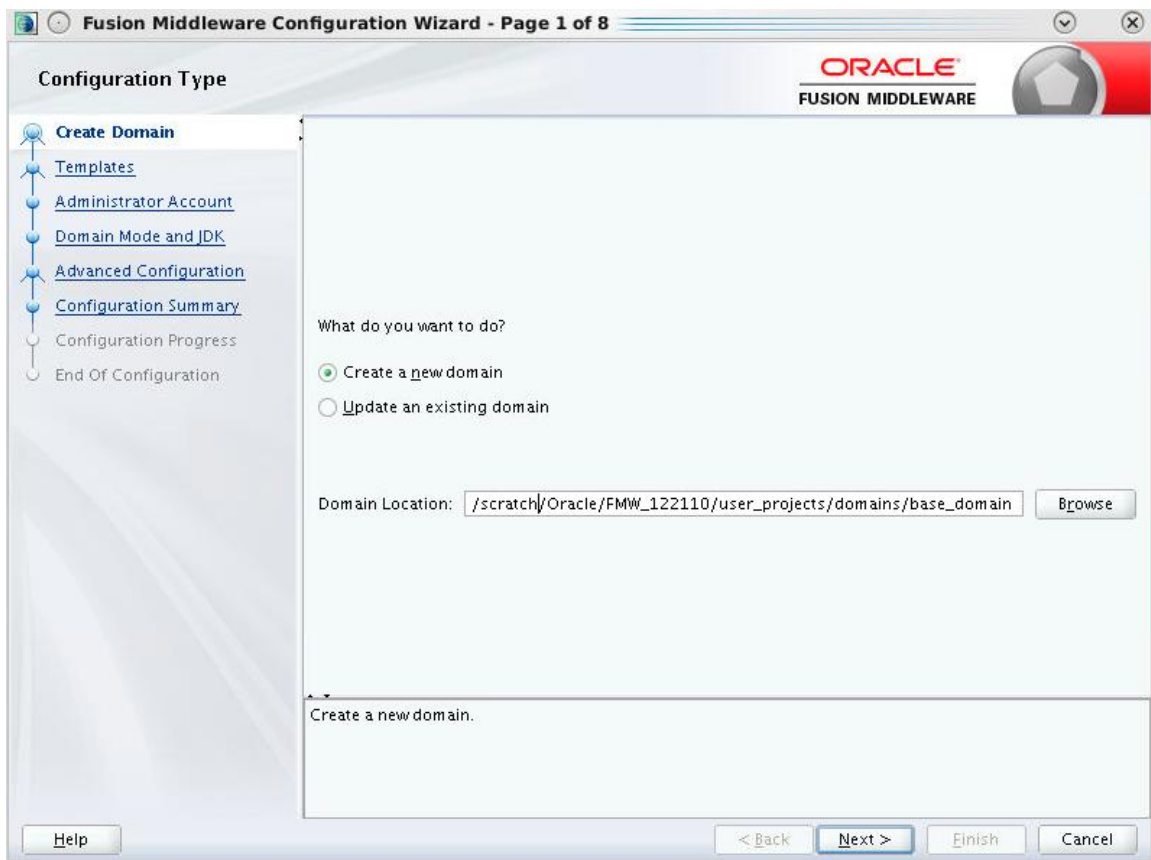
The last page of the wizard has a check box to automatically start the configuration wizard. Keep it checked, as the domain configuration is the next step.

## Step 2: WLS configuration to create a domain

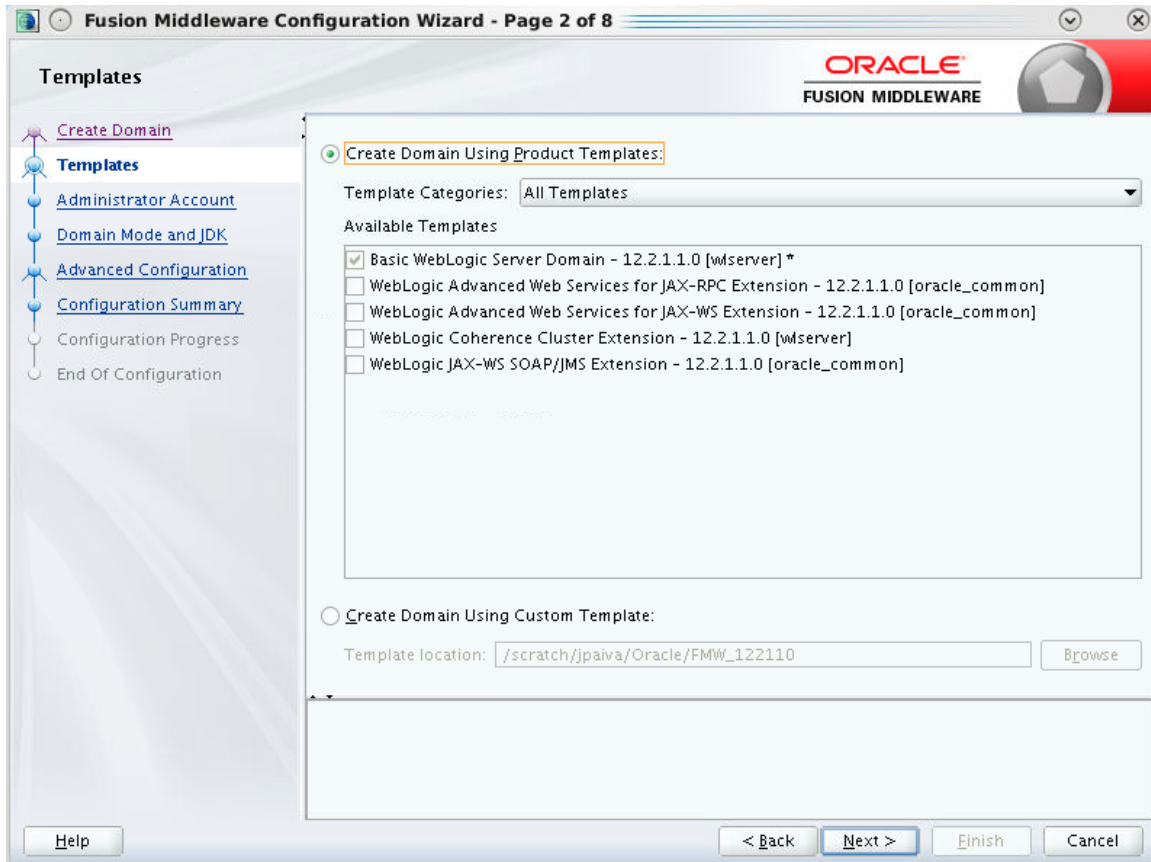
If configuration wizard does not start automatically from previous step, go to `$FMW_HOME_DIR/oracle_common/common/bin` and execute:

```
./config.sh
```

First define the path location for the domain:



On the template page, keep the defaults with just Basic WebLogic Server domain selected.



Follow the wizard pages to complete the configuration. Accept the defaults in all pages, except on the page that requests the password.

After configuration is complete, the domain directory should be at:  
\$FMW\_HOME\_DIR/user\_projects/domains/base\_domain

and the ADMIN server URL will be something like: <http://hostname:7001/console>

### Step 3: Download MapViewer 12.2.1.1.0 ear file

Go to MapViewer download page on OTN:  
<http://www.oracle.com/technetwork/middleware/MapViewer/downloads/index.html>

and download: [MapViewer Version 12.2.1.1 EAR for Oracle Weblogic 12.2.1.1](#) (ZIP - 49MB) -- Weblogic 12.2.1.1 specific EAR file

### Step 4: Start WebLogic Domain

Go to domain folder and execute:

\$FMW\_HOME\_DIR/user\_projects/domains/base\_domain/startWebLogic.sh

## Step 5: Deploy MapViewer 12.2.1.1.0 WLS specific ear

Access WebLogic console url in browser:

<http://hostname:7001/console>

Go to the Deployments page and click Install button:

The screenshot displays the Oracle WebLogic Server Administration Console interface. The top navigation bar includes 'ORACLE WebLogic Server Administration Console 12c' and a search bar. The left sidebar shows the 'Domain Structure' with 'Deployments' selected. The main content area is titled 'Summary of Deployments' and contains the following elements:

- Configuration** tab selected, with 'Control' and 'Monitoring' tabs also visible.
- Text: "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 To install a new application or module for deployment to targets in this domain, click **Install**."
- Customize this table** link.
- Deployments** section with 'Install', 'Update', and 'Delete' buttons.
- Table with columns: Name, State, Health, Type, Targets, Scope, Dom.
- Text below the table: "There are no items to display"
- Bottom of the table section with 'Install', 'Update', and 'Delete' buttons.

Navigate to the folder with the MapViewer ear and select it:

**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

Home Log Out Preferences Record Help

Home > Summary of Deployments

**Install Application Assistant**

Back Next Finish Cancel

**Locate deployment to install and prepare for c**


Select the file path that represents the application r

**Note:** Only valid file paths are displayed below. If y

**Path:** /tr

**Recently Used Paths:** (nc

**Current Location:** ad

 mapviewer-12.2.1.1.0\_wls.ear

Back Next Finish Cancel

Click Next.

On the current page, keep “Install this deployment as an application” checked and click Next.

Change the deployment name to ‘MapViewer’ and check “I will make the deployment accessible from the following location”. See next figure. Click next to continue.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

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:

**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

Recommended selection.

Copy this application onto every target for me

During deployment, the files will be copied automatically to the Managed Servers to which the application is targeted.

**I will make the deployment accessible from the following location**

Location:

Keep clicking Next until there is a page to Finish the deployment. Once deployment is complete, go to Deployment page and MapViewer application should be up and running.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help Welcome, weblogic Connected to: base\_domain

Home > Summary of Deployments > mapviewer > 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**

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
<input checked="" type="checkbox"/> mapviewer	Active	OK	Enterprise Application	AdminServer	Global		100

Showing 1 to 1 of 1 Previous Next

To verify that MapViewer is running, access MapViewer url:

<http://hostname:7001/MapViewer>

and the login page should be displayed.

User:   
Password:

Enter the credentials, and click on Admin link to see the current data sources in configuration file.

ORACLE MapViewer Administration Console 12c Home **Admin** Metadata Configuration About Logout  
Signed in

**Data sources**

Geometry cache  
Create tile layer  
Manage tile layers

Name	User	Type	JDBC url	TNS name	Mappers	Maximum connections	Editable	JDBC Theme based FOI allowed
OracleMaps		CATALOG			8	0	false	false

At this point MapViewer server is ready to use.