

Instal·lació Weblogic 12.2.1.3

Taula de continguts

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- 2. Necessitat
- 3. Prerequisits
- 4. Instal·lació de Weblogic
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 - 4.2. Instal·lació personalitzada

1. Introducció

El següent article explica com instal·lar la versió 12.2.1.3 del producte Oracle Weblogic Server en local i com configurar el nou servidor al framework proporcionat amb el FAM 4, Eclipse Mars.

2. Necessitat

Els servidors Weblogic dels entorns DVOL, INT, PRE i PRD es van actualitzar a la versió 12.2.1.3 i la versió del servidor instal·lada localment és la 12.1.3.0

3. Prerequisits

- Instal·lació del framework diba_mars a la unitat c:
- En cas contrari, qualsevol IDE amb plugin per connectar-se al Weblogic

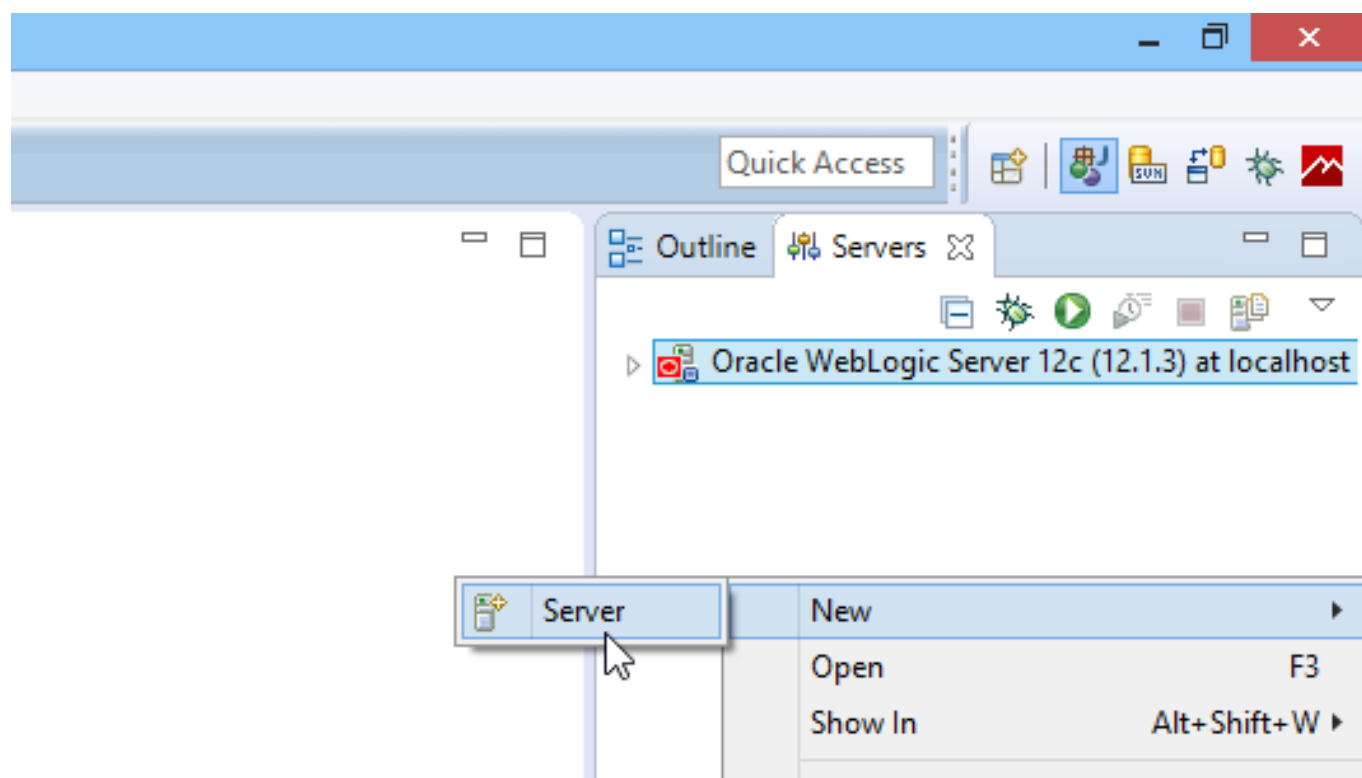
4. Instal·lació de Weblogic

4.1. Entorn diba_mars

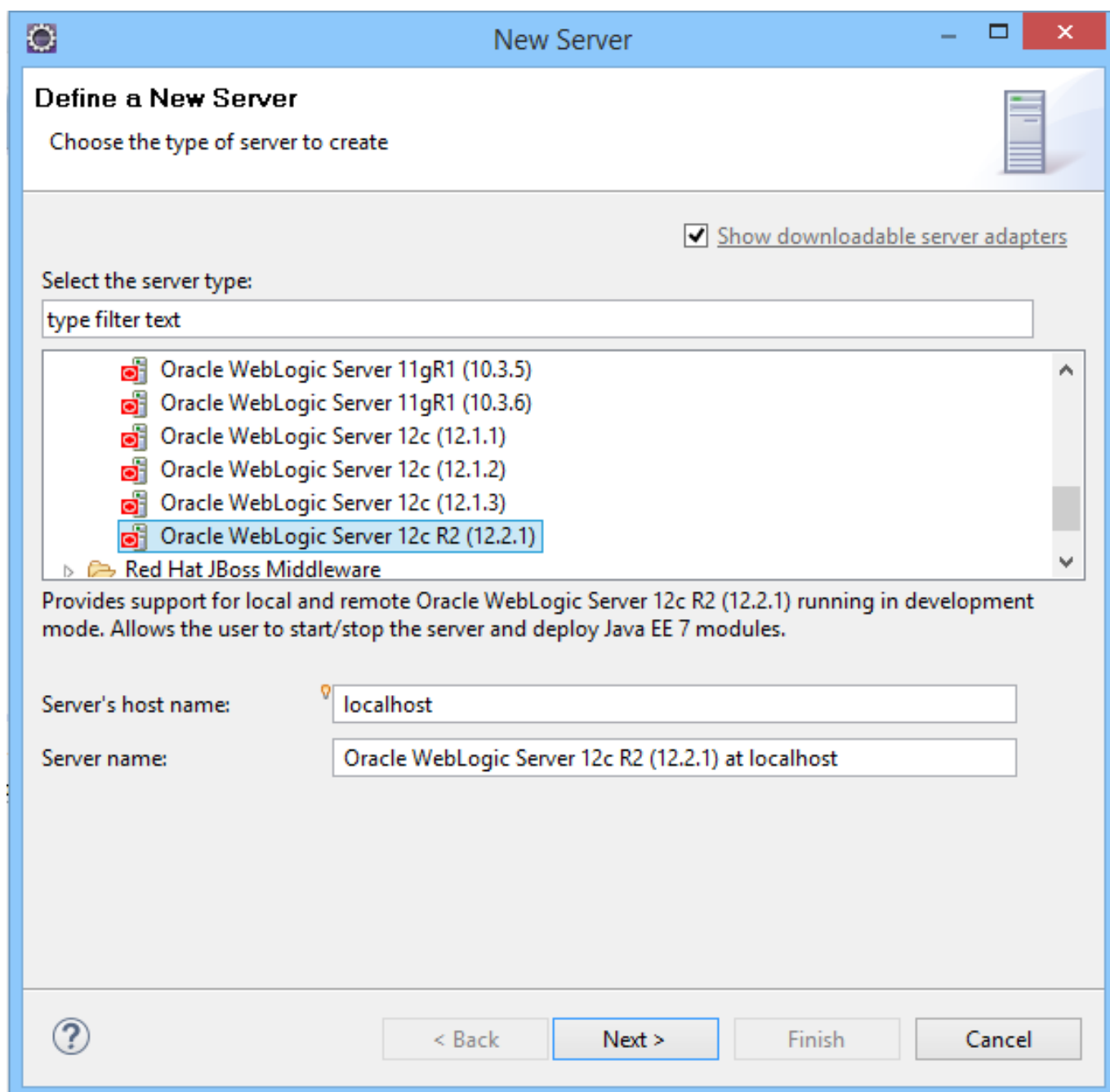
Decarregar l'arxiu [zip](#) [1] amb el servidor Weblogic configurat i descomprimir a C:\diba_mars\servers.

A continuació, obrir l'Eclipse Mars i configurar un nou servidor Weblogic.

Finestra de servidors, botó dret.



Selecciona la versió del servidor Weblogic



New Server

Define a New Server

Choose the type of server to create

☒ [Show downloadable server adapters](#)

Select the server type:

type filter text

- Oracle WebLogic Server 11gR1 (10.3.5)
- Oracle WebLogic Server 11gR1 (10.3.6)
- Oracle WebLogic Server 12c (12.1.1)
- Oracle WebLogic Server 12c (12.1.2)
- Oracle WebLogic Server 12c (12.1.3)
- Oracle WebLogic Server 12c R2 (12.2.1)**
- Red Hat JBoss Middleware

Provides support for local and remote Oracle WebLogic Server 12c R2 (12.2.1) running in development mode. Allows the user to start/stop the server and deploy Java EE 7 modules.

Server's host name: localhost

Server name: Oracle WebLogic Server 12c R2 (12.2.1) at localhost

? < Back Next > Finish Cancel

Indicar el directori home de la instal·lació: C:\diba_mars\servers\wls12213\wlserver



New Server

Oracle WebLogic Server 12c R2 (12.2.1)
Define a WebLogic Runtime

Name: Oracle WebLogic Server 12c R2 (12.2.1)

WebLogic home: C:\diba_mars\servers\wls12213\wlserver

Java home: c:\diba_mars\jdk\jdk1.8.0_40

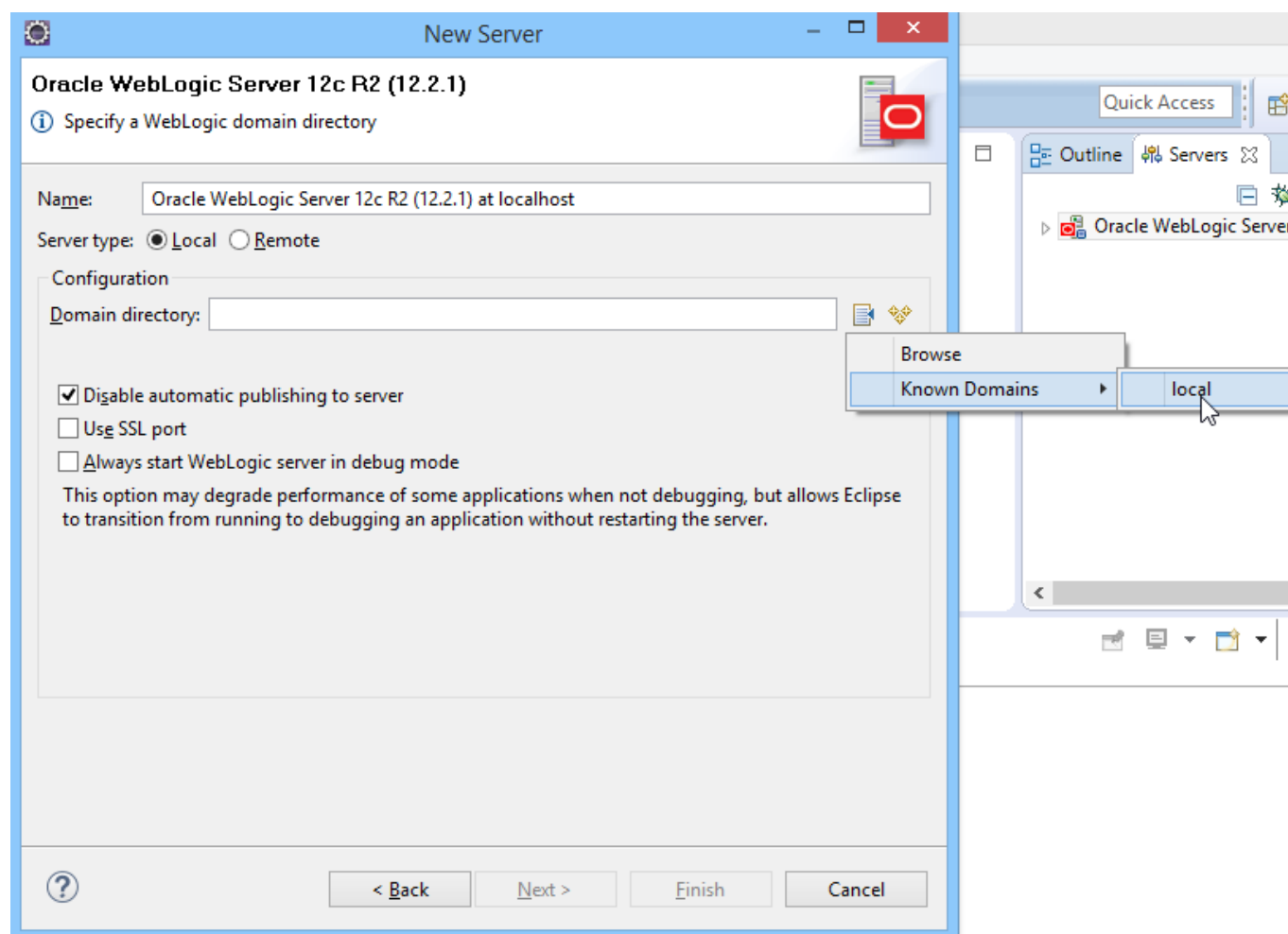
Patch profile:

Server Extensions

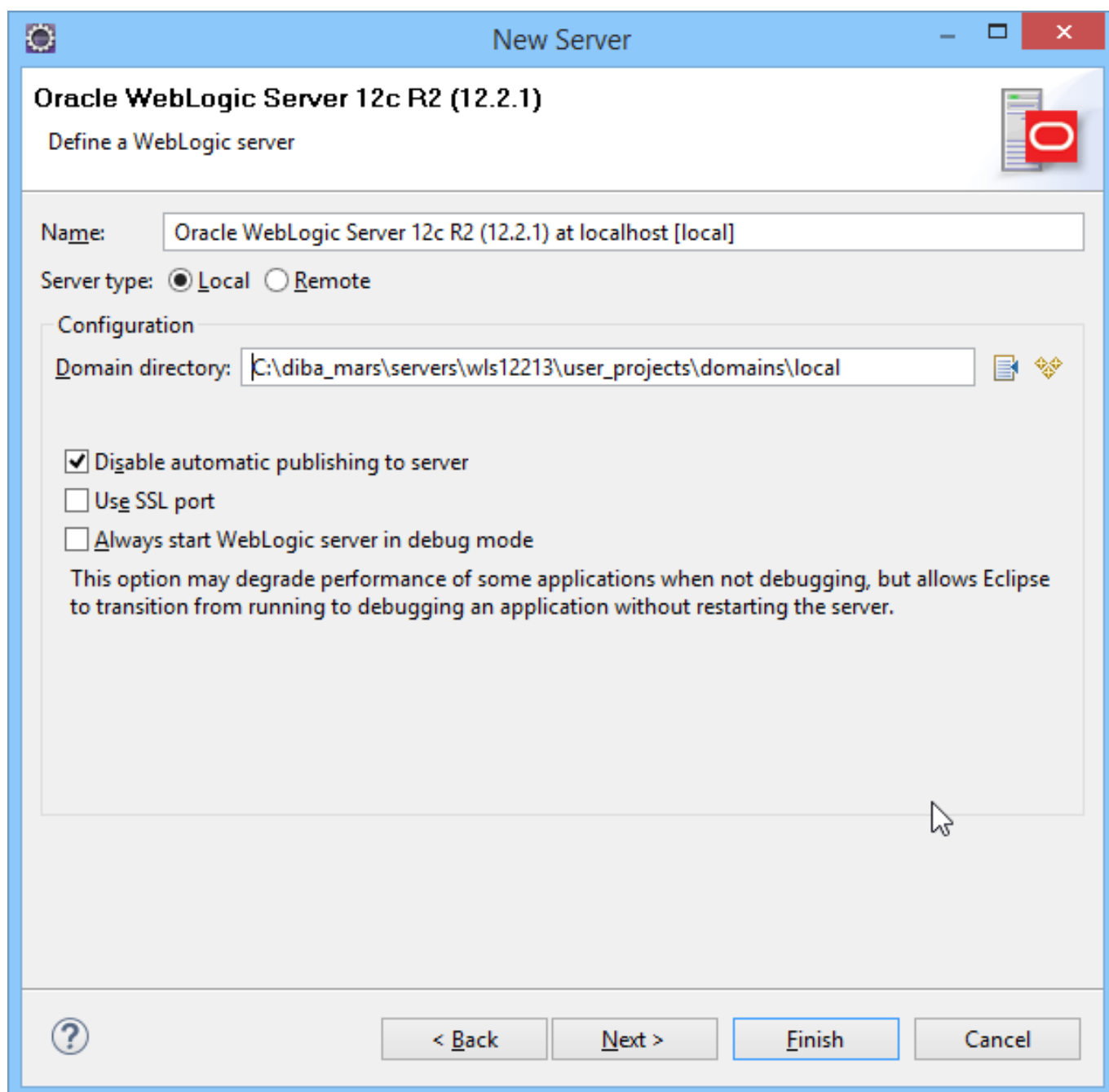
- ✓ Java Persistence 2.1

< Back Next > Finish Cancel

Seleccionar el domini:



I finalitzar:

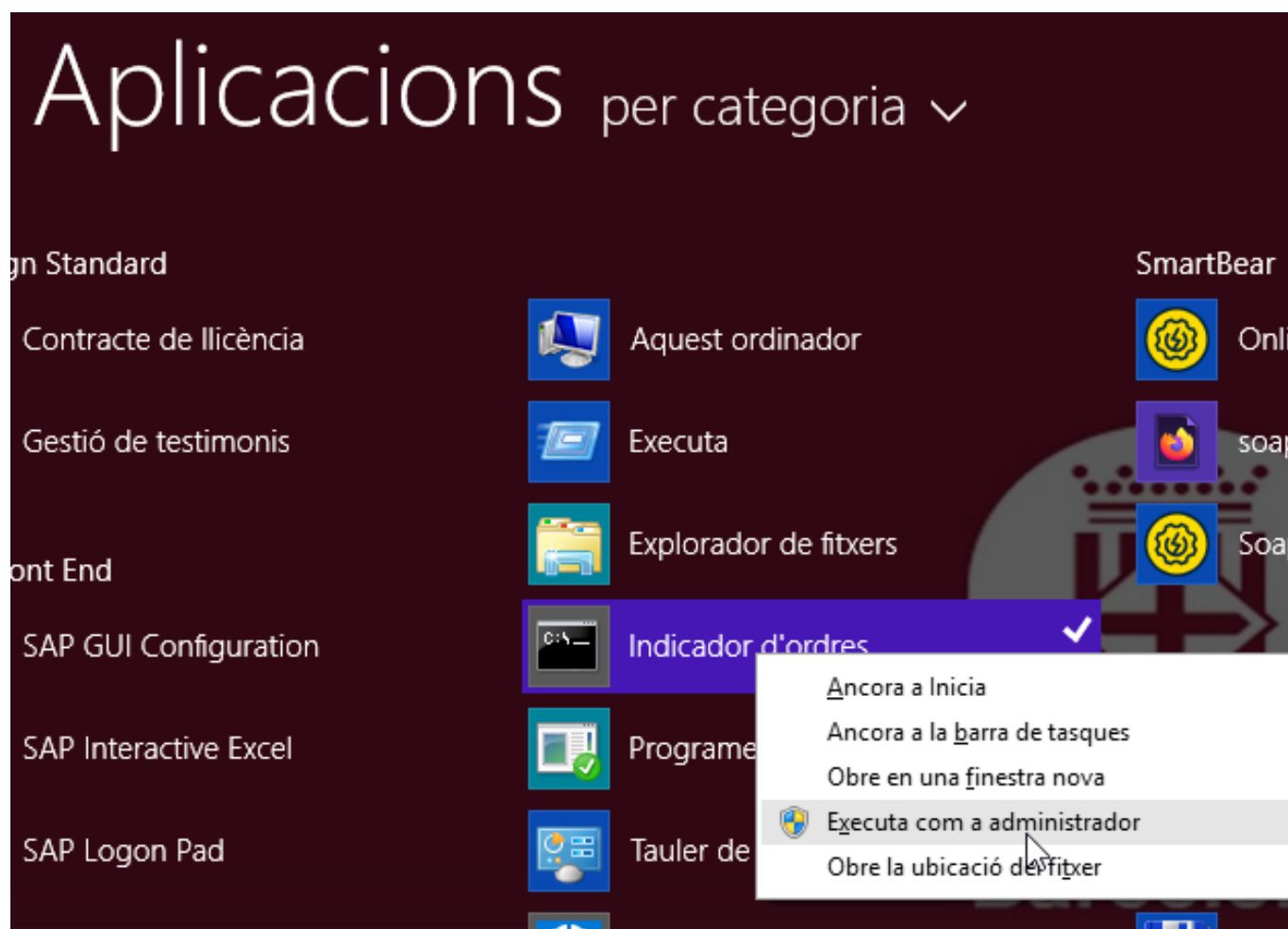


4.2. Instal·lació personalitzada

En aquest cas, descarrega el [zip de la instal·lació genèrica](#) [2] i segueix els següents passos, adaptant els directoris a les teves necessitats. Els passos següents estan fets amb els següents valors:

- Fitxer a la carpeta: D:\UserData\gimenezbf\Downloads\tools
- Arxiu: fmw_12.2.1.3.0_wls.jar
- JDK 1.8 de diba_mars, es pot substituir per qualsevol JDK 1.8

Obrir una finestra com administrador

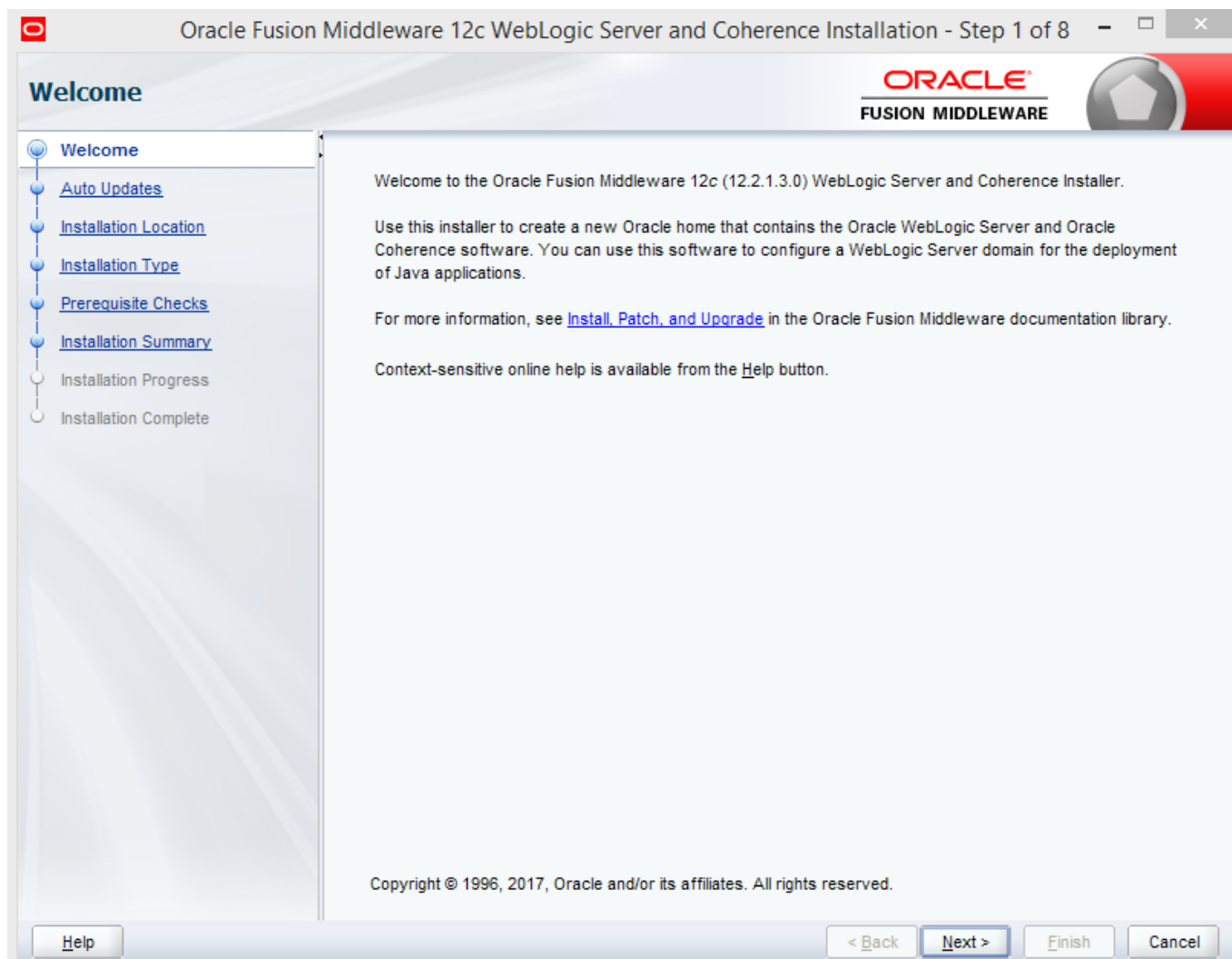


Executar les següents instruccions:

```
cd D:\UserData\gimenezbf\Downloads\tools
```

```
cd d:
```

```
c:\diba_mars\jdk\jdk1.8.0_40\bin\java.exe -jar fmw_12.2.1.3.0_wls.jar
```





Oracle Fusion Middleware 12c WebLogic Server and Coherence Installation - Step 2 of 8

Auto Updates

ORACLE
FUSION MIDDLEWARE

- Welcome
- Auto Updates**
- Installation Location
- Installation Type
- Prerequisite Checks
- Installation Summary
- Installation Progress
- Installation Complete

☒ Skip Auto Updates

☐ Select patches from directory

Location:

☐ Search My Oracle Support for Updates

Username:

Password:

Directorio d'instal·lació: C:\diba_mars\servers\wls12213



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

Installation Location

ORACLE[®]
FUSION MIDDLEWARE

- Welcome
- Auto Updates
- Installation Location**
- Installation Type
- Prerequisite Checks
- Installation Summary
- Installation Progress
- Installation Complete

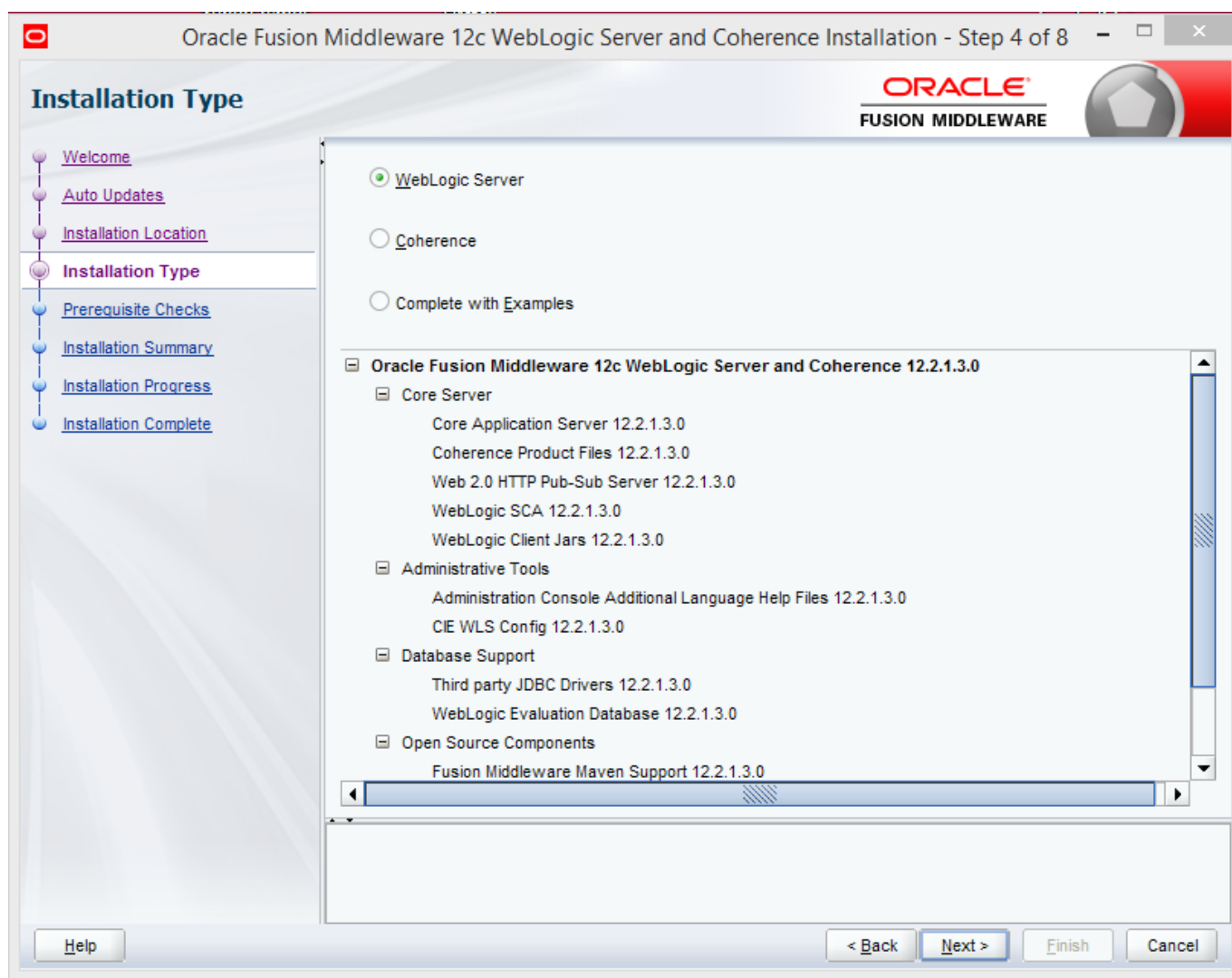
Oracle Home:
C:\diba_mars\servers\wls12213

Feature Sets Installed At Selected Oracle Home: [View](#)

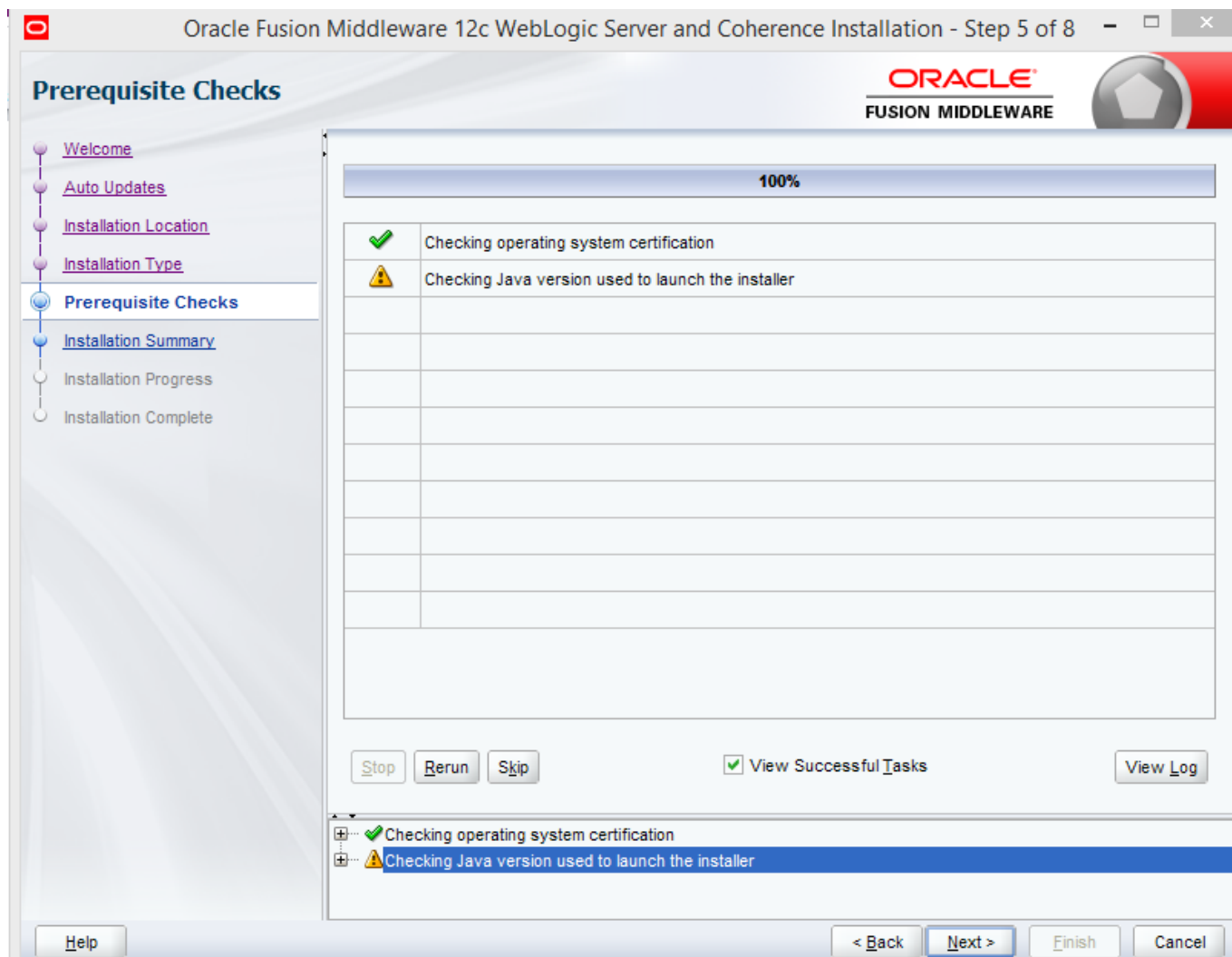
The Oracle Home C:\diba_mars\servers\wls12213 will be used for all Oracle Feature Sets in this installation.

This page only shows Feature Sets installed at the selected Oracle Home.
It does not show Feature Sets installed anywhere else.

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



Potser no troba un JDK, però es configurarà amb el de la finestra





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

Installation Progress

ORACLE
FUSION MIDDLEWARE

0%

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

View Messages

☒ View Successful Tasks

View Log

Help

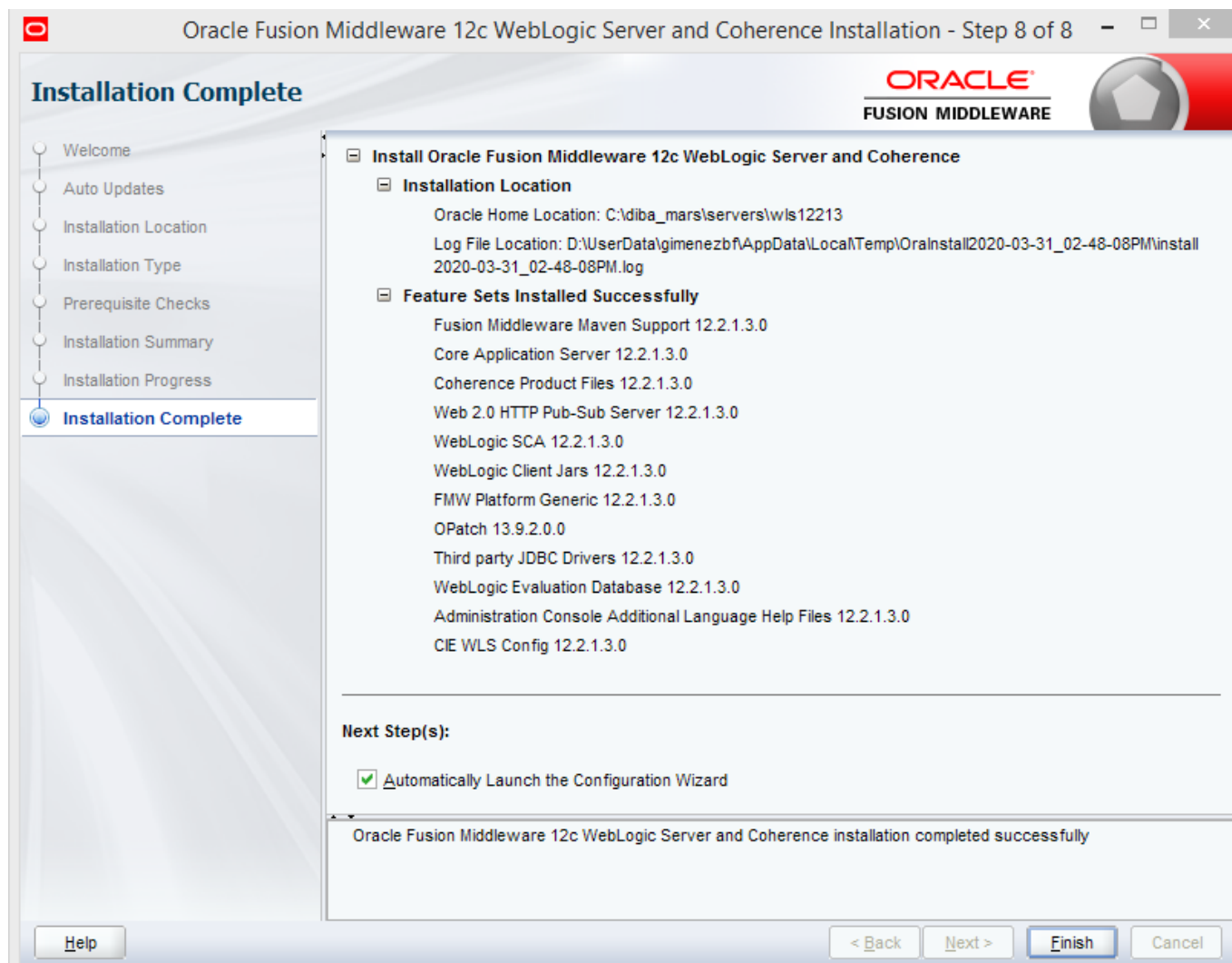
< Back

Next >

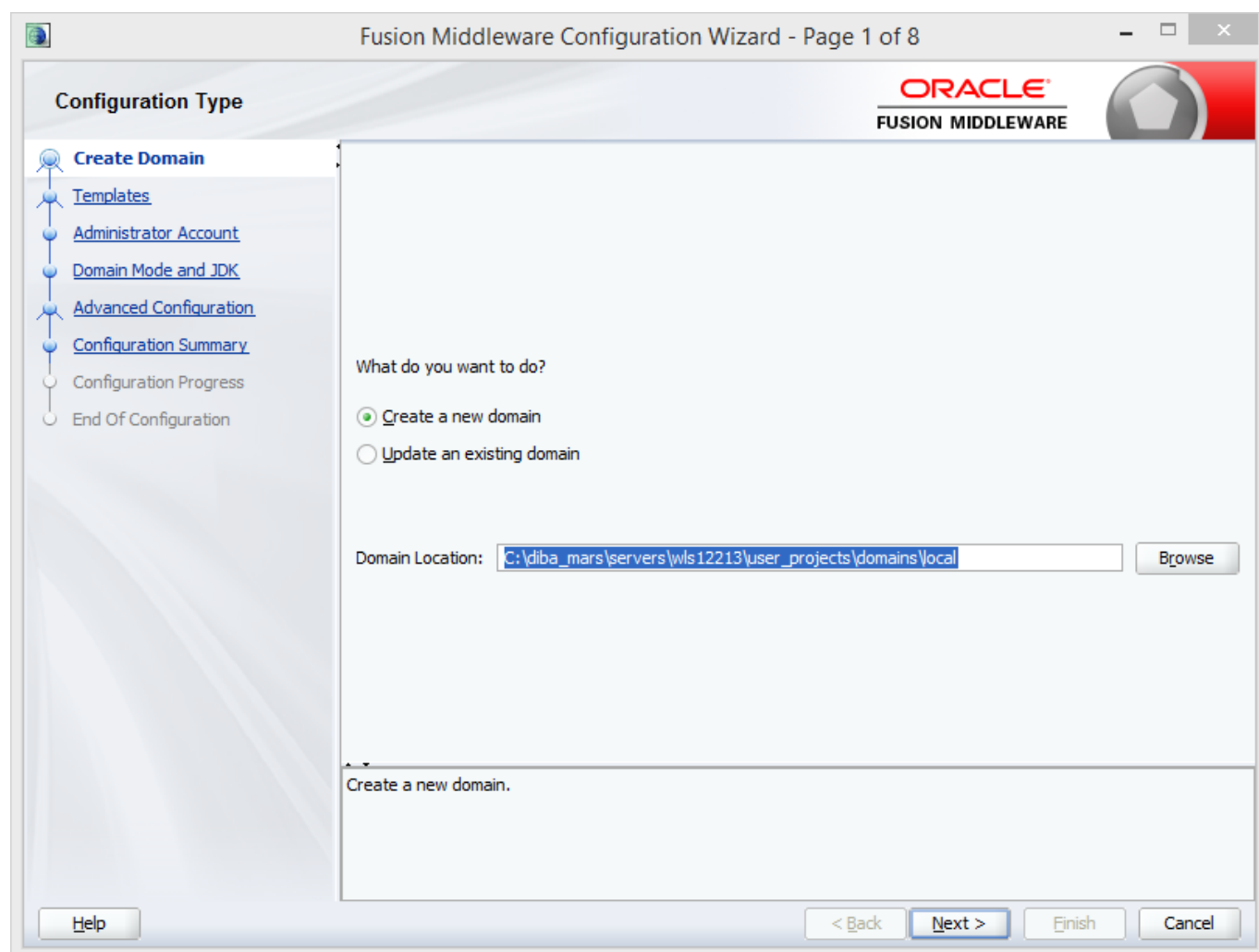
Finish

Cancel

Hardware and Software
Engineered to Work Together



I ara la configuració del domini de Weblogic, canviem el nom del domini per defecte a 'local', com l'actual configuració del Weblogic 12.1.3 C:\diba_mars\servers\wls12213\user_projects\domains\local



The image shows the 'Fusion Middleware Configuration Wizard - Page 1 of 8'. The window has a title bar with standard Windows controls. The main area is titled 'Configuration Type' and features a sidebar on the left with a tree view of configuration steps: 'Create Domain' (selected), 'Templates', 'Administrator Account', 'Domain Mode and JDK', 'Advanced Configuration', 'Configuration Summary', 'Configuration Progress', and 'End Of Configuration'. The main content area asks 'What do you want to do?' with two radio button options: 'Create a new domain' (selected) and 'Update an existing domain'. Below this, there is a text field for 'Domain Location' containing the path 'C:\diba_mars\servers\wls12213\user_projects\domains\local', followed by a 'Browse' button. At the bottom of the main area, it says 'Create a new domain.' The bottom of the wizard window contains four buttons: 'Help', '< Back', 'Next >', and 'Finish', with a 'Cancel' button to the right of 'Finish'.

Plantilla per defecte



Fusion Middleware Configuration Wizard - Page 2 of 8

Templates

[Create Domain](#)

Templates

[Administrator Account](#)

[Domain Mode and JDK](#)

[Advanced Configuration](#)

[Configuration Summary](#)

[Configuration Progress](#)

[End Of Configuration](#)

ORACLE
FUSION MIDDLEWARE

☒ Create Domain Using Product Templates:

Filter Templates:

☐ Include all selected templates ☒ Include all previously applied templates

Available Templates

- ☒ Basic WebLogic Server Domain - 12.2.1.3.0 [wlserver] *
- ☐ WebLogic Advanced Web Services for JAX-RPC Extension - 12.2.1.3.0 [orade_common]
- ☐ WebLogic Advanced Web Services for JAX-WS Extension - 12.2.1.3.0 [orade_common]
- ☐ WebLogic JAX-WS SOAP/JMS Extension - 12.2.1.3.0 [orade_common]
- ☐ WebLogic Coherence Cluster Extension - 12.2.1.3.0 [wlserver]

☐ Create Domain Using Custom Template:

Template location:

Clau de l'administrador: welcome1



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:

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

Directori del JDK per defecte



Fusion Middleware Configuration Wizard - Page 4 of 8

Domain Mode and JDK

ORACLE
FUSION MIDDLEWARE

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_40 c:\DIBA_M~2\jdk\jdk18~1.0_4

☐ Other JDK Location:



Fusion Middleware Configuration Wizard - Page 5 of 8

Advanced Configuration

ORACLE
FUSION MIDDLEWARE

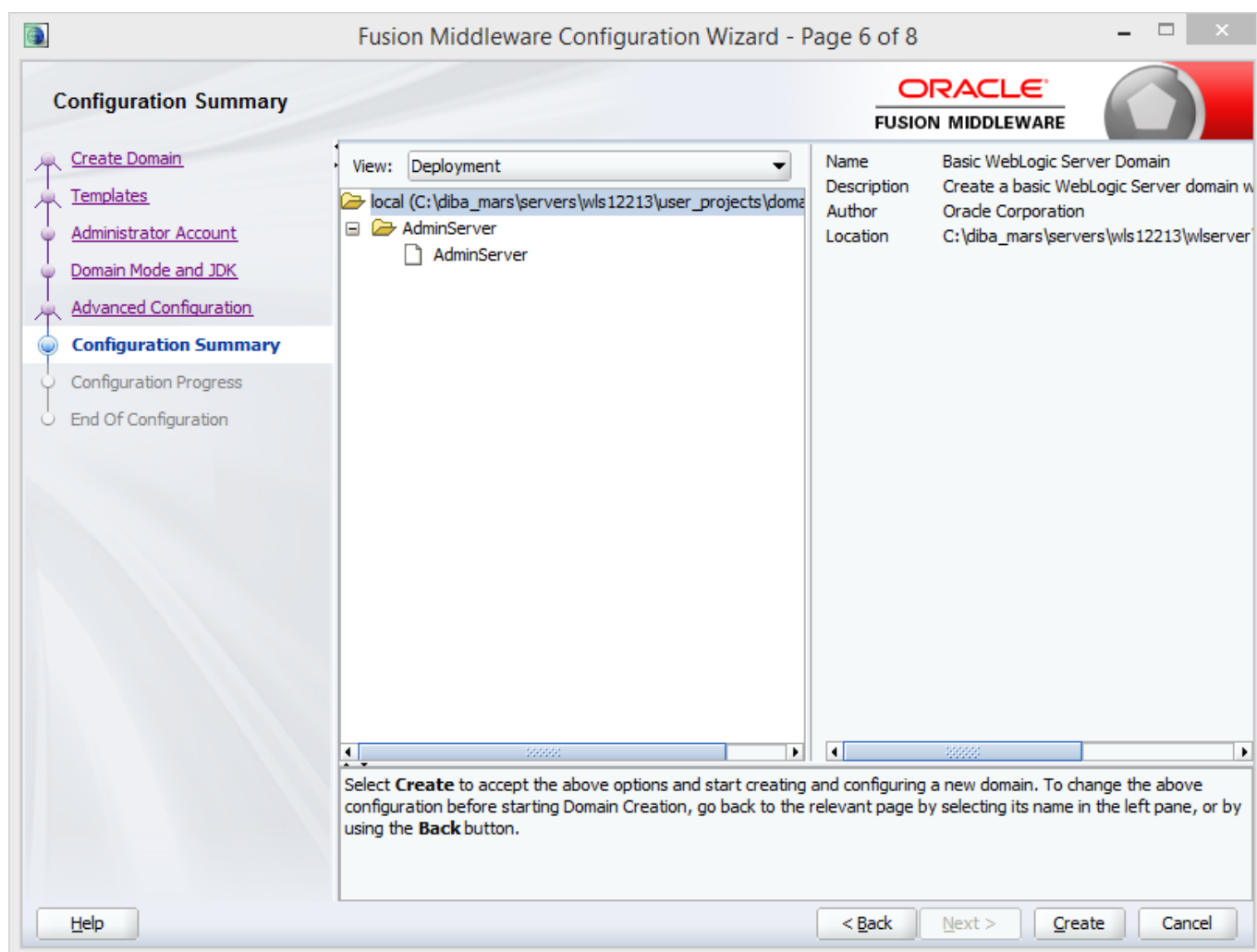
- Create Domain
- Templates
- Administrator Account
- Domain Mode and JDK
- Advanced Configuration**
- Configuration Summary
- Configuration Progress
- End Of Configuration

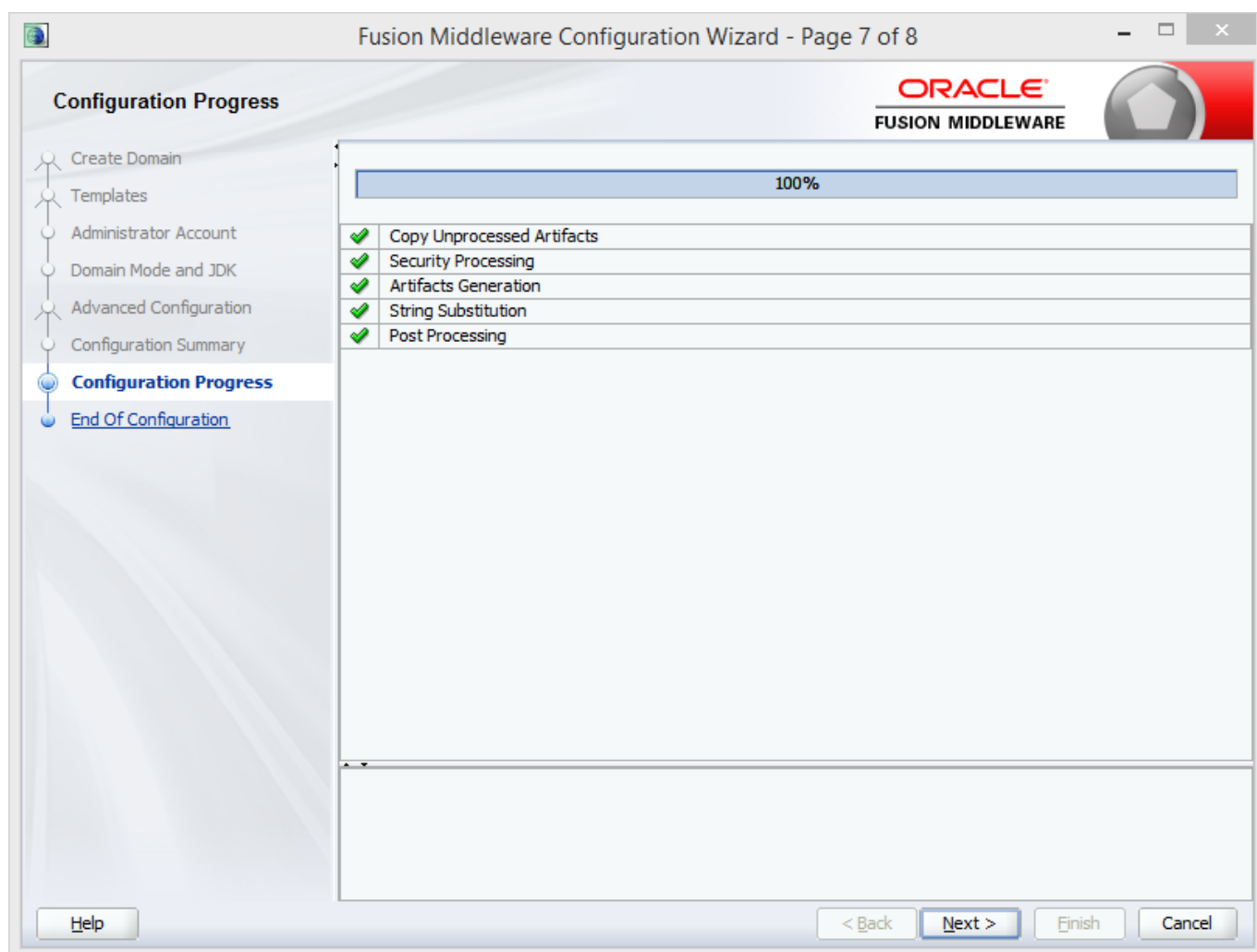
☐ **Administration Server**
Modify Settings

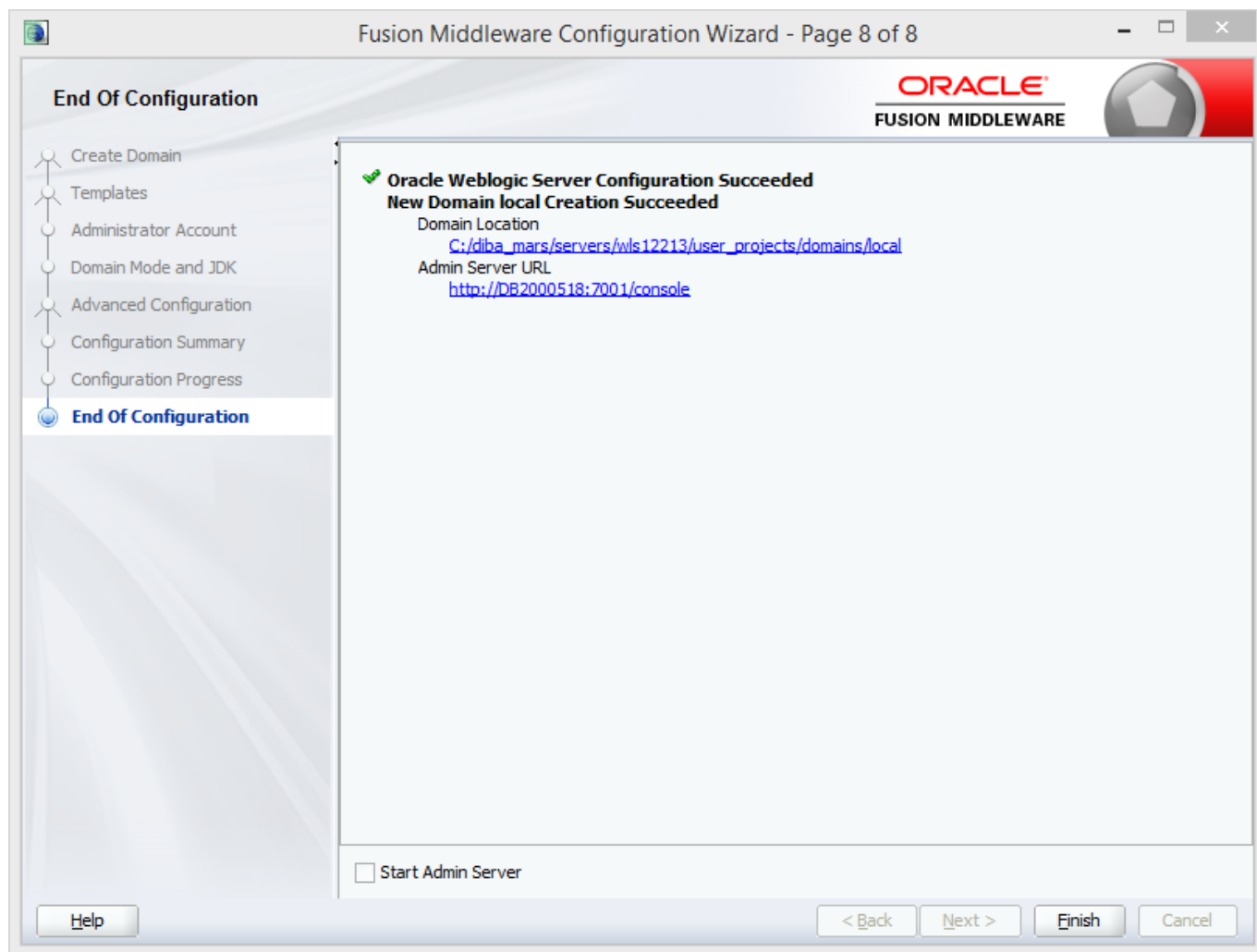
☐ **Node Manager**
Configure Node Manager

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

Help < Back Next > Finish Cancel







Finalment, instal·lar les llibreries de suport (p. ex. *JAX-RS*, que necessiten moltes de les aplicacions **FAM4**) segons [Oracle](#) [3].

URL d'origen: <https://comunitatdstsc.diba.cat/wiki/instal·lacio-weblogic-12213>

Enllaços:

[1] https://drive.google.com/open?id=1_FmIfxl05nii2KHZuTtYaP7tPY021wcW

[2] <https://drive.google.com/open?id=1zvdH2569pSD3Gc0zKw-vM7b-FHjPMafB>

[3] <https://docs.oracle.com/middleware/1213/wls/RESTF/use-jersey20-ri.htm#RESTF297>