

FCIS EAR Building
Oracle FLEXCUBE Investor Servicing
Release 14.5.2.0.0
[November] [2021]



Table of Contents

1. BUILDING APPLICATION FOR SETUP 1-1

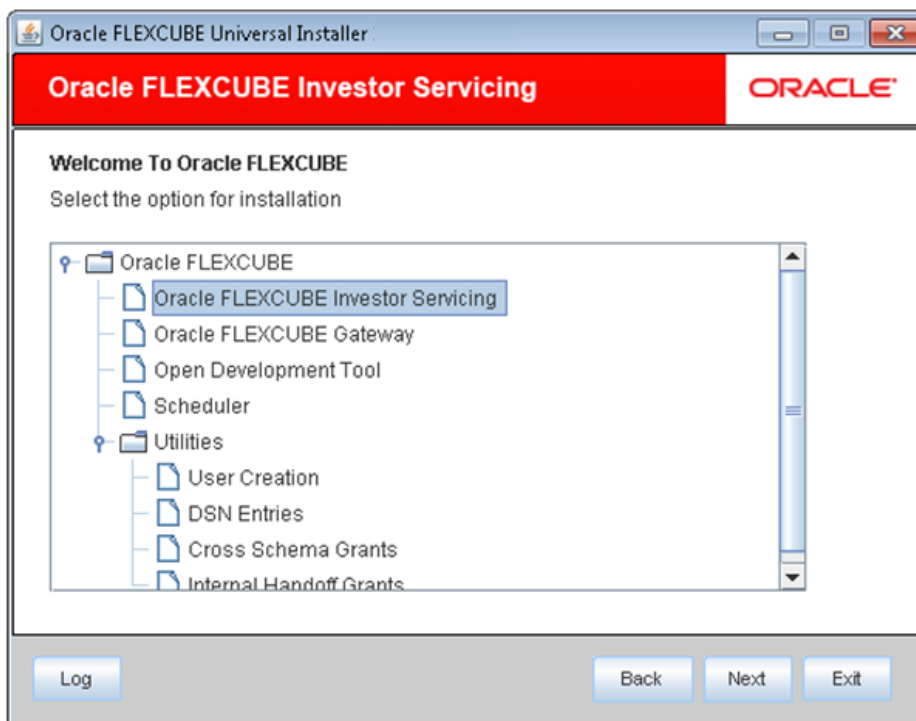
1. Building Application for Setup

The process of building EAR files includes the following steps:

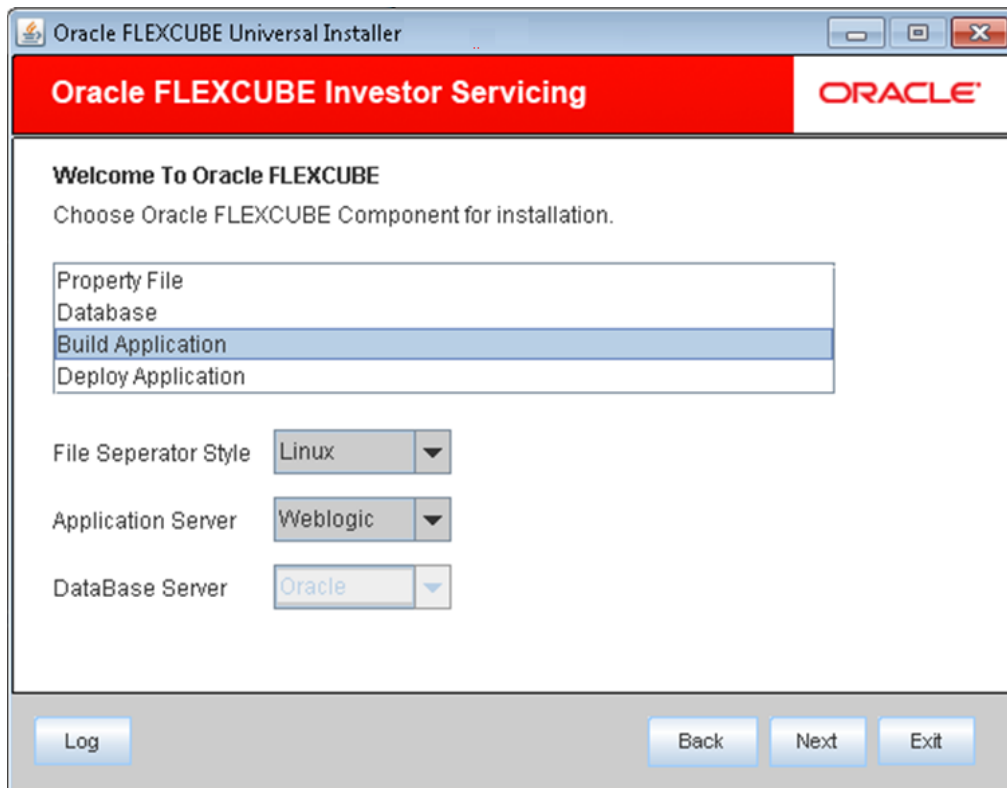
- Load property file
- Copy sources
- Compile sources
- Build sources

To build the application for setup using the installer, follow the steps given below.

1. Double-click 'FCUBSInstaller.bat' batch file to launch Oracle FLEXCUBE Universal Installer. The following screen is displayed.
2. Click 'Next' to proceed. The following screen is displayed.



3. Choose 'Oracle FLEXCUBE Investor Servicing' and click 'Next'. The following screen is displayed.



4. Choose the option 'Build Application'. You also need to specify the following details:

Operating System

Specify the operating system in which you are building the Application. Choose the appropriate one from the drop-down list.

Application Server

Specify the application server in which you are building the Application. Choose the appropriate one from the drop-down list.

File Separator Style

Specify the file separator as per the OS.

Verify the details and click 'Next'. You will be prompted to specify the Database details in the following screen. This is the schema on which the DB setup was done earlier. It should be validated and only those versions in FCHOME that are lesser /equal to than version mentioned in the DB will be chosen.

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing ORACLE

Installation Type ☐

FC Home

☒ EAR Build ☐ EAR Build Rolled-up

Provide SMS schema details for patch install...

Name	Value
Username	test
Password	****
Service Name	test
IP Address	10.10.10.10
Port	1234
TNS Connect Descriptor	test

Enter the source path in FC Home and provide the SMS schema details for path installation.

For Oracle Digital Assistant (ODA), Web-sdk related javascript files are to be downloaded from the link (<https://www.oracle.com/downloads/cloud/amce-downloads.html>).

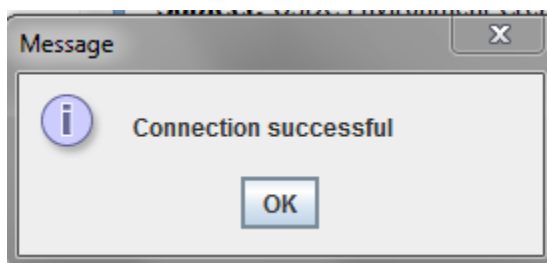
Place the web-sdk.js file inside FCIS osdc folder location in the path, INFRA\FCJNeoWeb\Web-Content\script\JS.

ODA instance are created and chat server url and channel id are readily available.

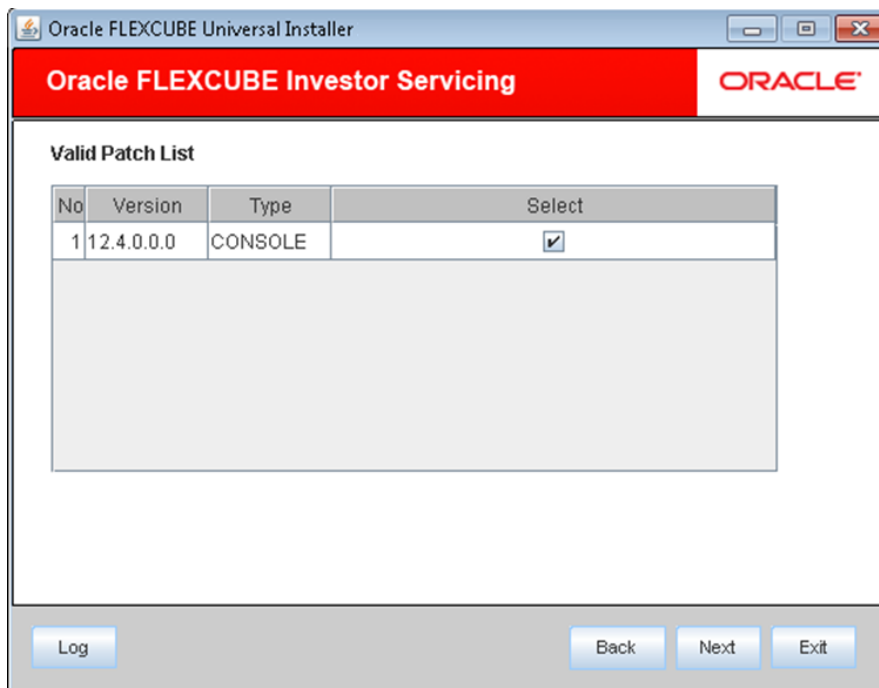
Now ChatBot needs to be enabled while creating property file for FCIS Application.

Please refer FCIS_property file creation document and FCIS_ODA integration user guide for the detailed information on Chatbot integration and properties.

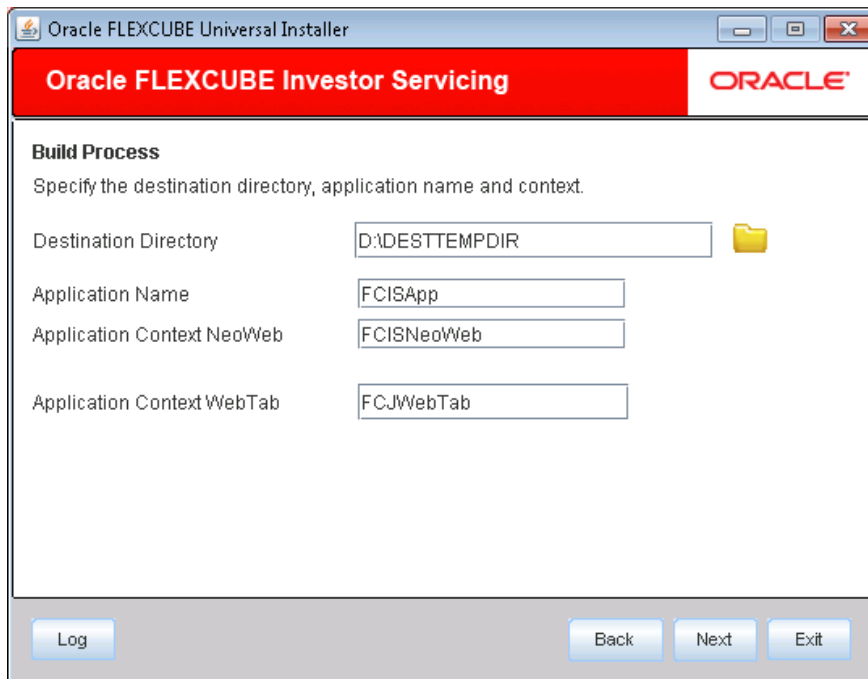
On Click on Test Connection the following message will be displayed.



If connection is successful, click 'Next' to navigate to next screen.



5. Once you have specified the details, click 'Next' to continue.



In this screen specify the following details:

Destination Directory

Destination folder where EAR will be built.

Application Name

Name of the application.

Application Context Neoweb

NeoWeb context name.

Application Context WebTab

WebTab context name.

Click Next.

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar says 'Oracle FLEXCUBE Universal Installer'. The main window has a red header bar with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, the 'Build Process' section is active. It contains the instruction 'Specify the Property File path.' and three input fields: 'Centralized Property File' (with a folder icon), 'Symmetric key', and 'Load from Runtime Path' (with a text input field). There is also an 'Exclude Property File' checkbox. At the bottom, there are 'Log', 'Back', 'Next', and 'Exit' buttons. A scrollable text area at the bottom provides instructions: 'Provide the property file path to be included.', 'Exclude Property File : Check this option if user wants to exclude property file and take it up from some other runtime path.', and 'Load from Runtime Path : Along with the property file path, provide the Runtime path where the file is to be picked up.'

6. Specify the following details:

Centralized Property File

Specify the location of the centralized property file. You can use the directory button to browse and select the directory.

The property file is required for EAR building.

Symmetric Key

Specify the symmetric key details.

Exclude Property File

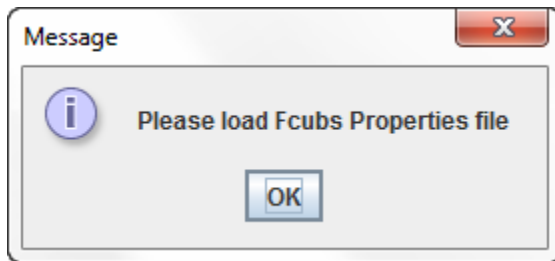
Check this box to exclude the property file. By checking this box, you can include a property file from the runtime path.

If you check this box, you need to specify the location of the property file in the field 'Load from Runtime Path'.

Load from Runtime Path

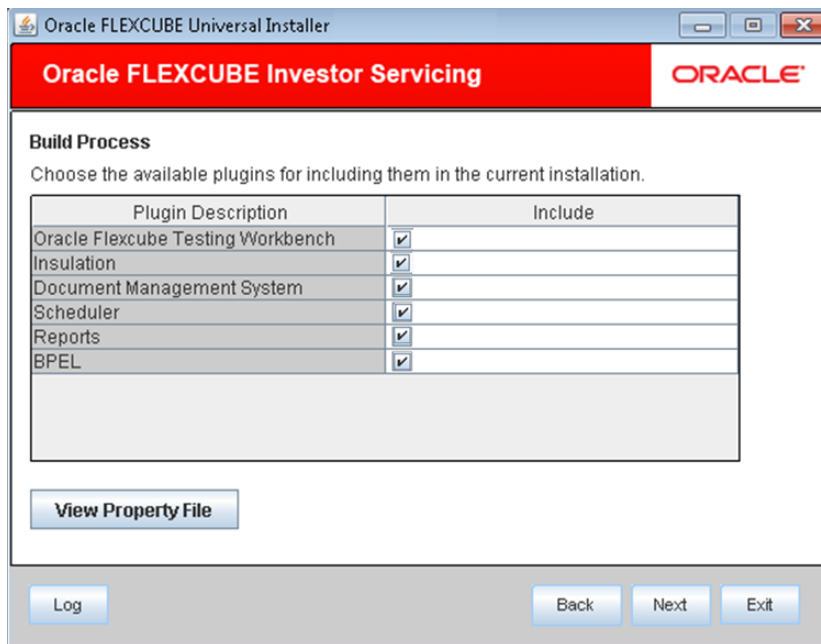
If you have checked the box 'Exclude Property File', you need to specify the runtime path from where the Installer will pick up the property file.

It is mandatory to load the property file. If you do not load a property file, the installer will display the following error message:



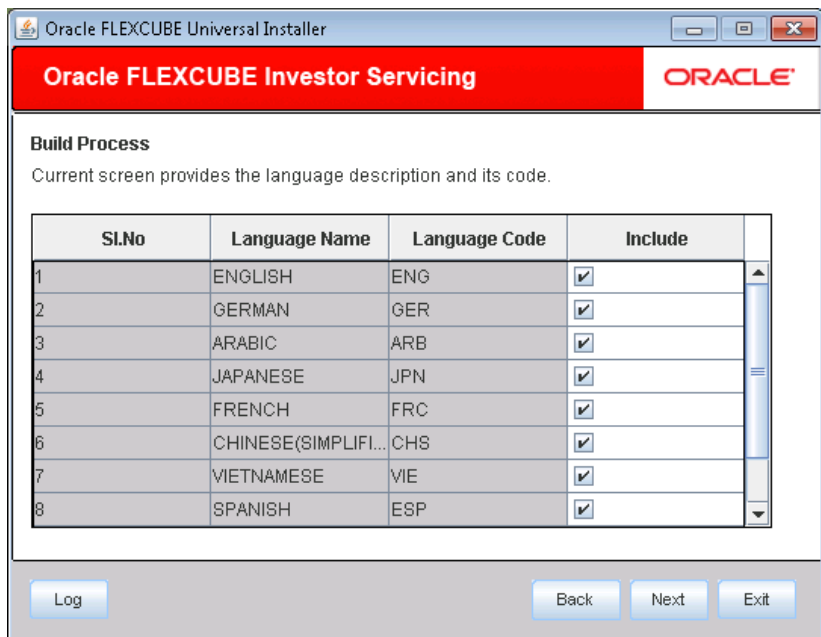
You need to load the property file to continue. Once the property file is loaded, Plugin screen is displayed.

After loading the property file, click 'Next' to continue.



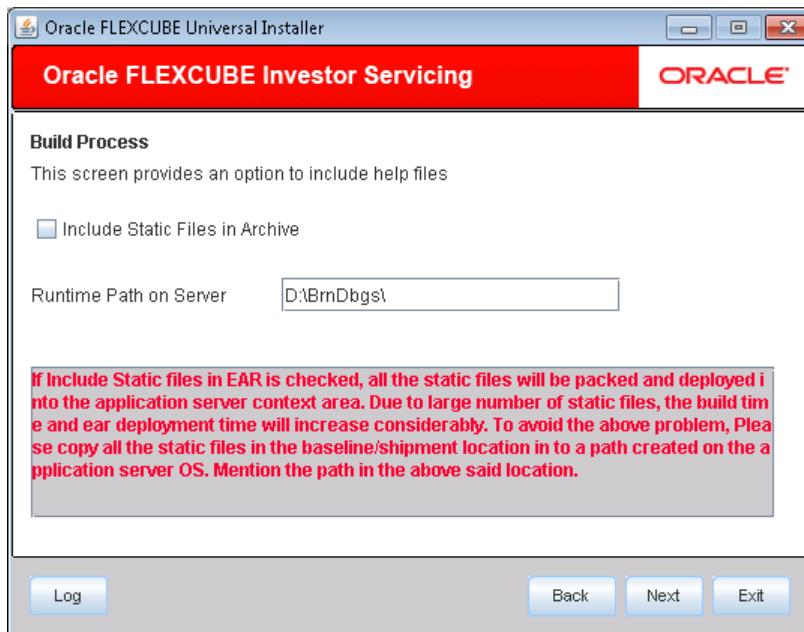
7. This is a READ ONLY screen and shows the plug-ins included in the installation.

Click 'Next'. The following screen is displayed.



8. Select the languages you wish to include in the installation.

9. Click 'Next'. The following screen is displayed.



10. Specify the following details:

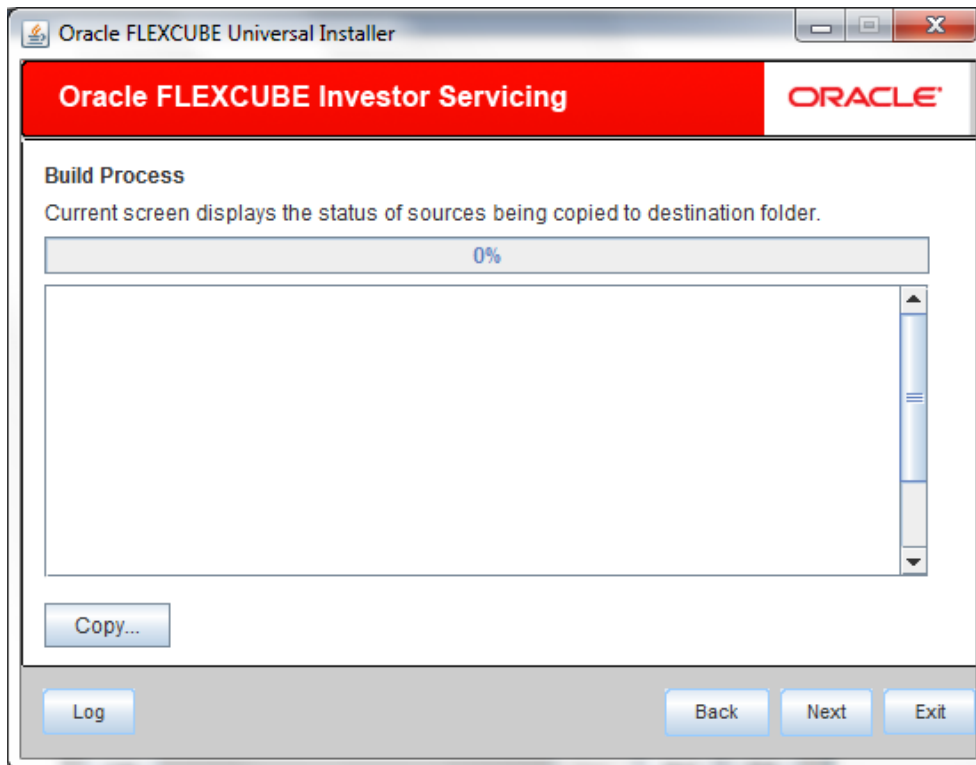
Include Static Files in EAR

Check the box 'Static Files' to include the static files in EAR file. It can be unselected only for WEBLOGIC application server.

If you do not check this box, the Installer will not include the static files in the EAR file. The files would be consolidated into a folder called JS_UIXML under the destination folder. For details, read the information below.

Note: You have to manually copy the static files present in the JS_UIXML folder of the Destination Directory mentioned during build process to a specific folder in the application server. This will reduce the time required for building EAR file. Copy the static files into a specific folder in the application. Later, specify the folder location in the field 'Runtime Path on Server'.

11. Click 'Next'. The Oracle FLEXCUBE Installer copies the files to the destination folder.



12. Click Copy, The Installer starts building the EAR/WAR files after the files are copied.

13. Click 'Next' to navigate to next page.

The screenshot shows the 'Build Process' window of the Oracle FLEXCUBE Investor Servicing application. The window has a red header bar with the text 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, the title 'Build Process' is displayed, followed by the instruction 'Current screen Displays the status of sources being built.' A large, empty rectangular area with a vertical scrollbar is intended for displaying the build status. At the bottom of this area, there are two checkboxes: 'Application Server Clustered' and 'SOA Enabled Domain'. Below these checkboxes is a 'Build' button. The bottom of the window features a navigation bar with four buttons: 'Log', 'Back', 'Next', and 'Exit'.

If the EAR created is to be deployed in an Application server running in a clustered mode, the check box needs to be checked.

If the EAR created is to be deployed in an SOA enabled Application server then check box needs to be checked.

14. The Installer creates the EAR/WAR files in the destination directory. After successful build process.

The EAR file will be available in selected EAR file location (Destination Directory). If you have opted for BPEL, then FCBPELCIS.jar file will also be available in the EAR file location.

In case of decentralized or hybrid setup, EAR files for the Host and WAR file for the Branch will be available in EAR file location.



FCIS EAR Building
[November] [2021]
Version 14.5.2.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © [2007], [2021], Oracle and/or its affiliates.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software" or "commercial computer software documentation" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.