

Prerequisites for Oracle FLEXCUBE Installer
Oracle FLEXCUBE Investor Servicing
Release 14.5.3.0.0
[February] [2022]



Table of Contents

1. PREREQUISITES FOR ORACLE FLEXCUBE INVESTOR SERVICING INSTALLER.....	1
1.1 ENVIRONMENT SETUP.....	1
1.2 OPERATING SYSTEM SUPPORTED FOR DATABASE	1
1.3 OPERATING SYSTEM PREREQUISITE FOR DATABASE SETUP	1
1.3.1 <i>Oracle Enterprise Linux Kernel Parameters</i>	1
1.4 DATABASE SETUP.....	2
1.5 APPLICATION SERVERS.....	2
1.5.1 <i>Third-Party Applications</i>	3
1.6 CLIENT BROWSERS SETTINGS.....	3
1.7 INSTALLER INSTALLATION PRE-REQUISITES	4

1. Prerequisites for Oracle FLEXCUBE Investor Servicing Installer

1.1 Environment Setup

This section helps you to configure various Operating system parameters and the setting to be prepared before starting the Oracle FLEXCUBE Investor Servicing installation.

1.2 Operating System Supported for Database

Oracle FLEXCUBE Investor Servicing is supported on following operating systems:

Component
Oracle Enterprise LINUX
Windows

1.3 Operating System Prerequisite for Database Setup

Following are the main kernel and database initialization parameters that you need to setup as part of the environment.

1.3.1 Oracle Enterprise Linux Kernel Parameters

Kernel Parameters	Recommended Value	Description
nproc (Soft)	2047	Shell Limits (/etc/security/limits.conf)
nproc (Hard)	16384	Shell Limits (/etc/security/limits.conf)
nofile (Hard)	1024	Shell Limits (/etc/security/limits.conf)
nofile (Hard)	65536	Shell Limits (/etc/security/limits.conf)
fs.file-max	6815744	Kernel Parameter (/etc/sysctl.conf)
kernel.shmall	2097152	Kernel Parameter (/etc/sysctl.conf)
kernel.shmmax	2147483648	Kernel Parameter (/etc/sysctl.conf)
kernel.shmmni	4096	Kernel Parameter (/etc/sysctl.conf)
kernel.sem	250 32000 100 128	Kernel Parameter (/etc/sysctl.conf)
net.ipv4.ip_local_port_range	9000 65500	Kernel Parameter (/etc/sysctl.conf)

Kernel Parameters	Recommended Value	Description
net.core.rmem_default	262144	Kernel Parameter (/etc/sysctl.conf)
net.core.rmem_max	4194304	Kernel Parameter (/etc/sysctl.conf)
net.core.wmem_default	262144	Kernel Parameter (/etc/sysctl.conf)
net.core.wmem_max	1048576	Kernel Parameter (/etc/sysctl.conf)
SWAP Space RAM Between 1 GB and 2 GB Between 2 GB and 16 GB More than 16 GB	1.5 times the size of RAM Equal to the size of RAM 16Gb	SWAP space requirement
Patches	Verify as per Oracle's platform specific release notes	http://support.oracle.com/

1.4 Database Setup

For Database recommendations please refer [FCIS Database Practices](#) document.

1.5 Application Servers

Oracle FLEXCUBE is supported on the following Application servers


Component
Weblogic
Websphere

Application server needs to be configured to use JDK1.8.

Component	Required for	Installation Details
JDK1.8	Oracle FLEXCUBE Installation	Download JDK and set it as the environmental variable JAVA_HOME and append PATH with {JAVA_HOME}\bin

For weblogic server recommendations refer the Document at [Weblogic Recommendations](#) and for websphere refer the document at [Websphere Recommendations](#).

1.5.1 Third-Party Applications

<p>This section explains the steps which have to be followed before the actual installation of Oracle FLEXCUBE Investor Servicing Application; the following steps have to be followed for setting up additional applications using installer.</p> <p>Refer the 'Prerequisite' chapter of Security Guide user manual for further information on enforcing security for web.</p> <p> For installing any third-party or pre-requests list is provided for generic information however for detailed steps refer vendor install page.</p>	
Oracle BPEL	This section explains the instructions for Setting up BPEL and it also explains the steps for integrating with various external enterprise solutions.
Oracle IPM	This section describes the steps for Configuring Oracle IPM .
BIP Reports	This section explains the instructions for deploying BIP Reports .
OBIEE Application	This section explains the detailed guidelines for OBIEE Metadata Repository Deployment . This explains the prerequisites required and also explains the steps for deploying in OBIEE10g and OBIEE 11g.
Oracle Access Manager and LDAP	Oracle FLEXCUBE Investor Servicing supports single sign-on integration. The steps related to setting up the Oracle Access Manager and LDAP are covered in this section.
Oracle Identity Manager	Oracle Identity Manager is an identity management product that automates user provisioning, identity administration, and password management, integrated in a comprehensive workflow engine. Steps related to configuring Oracle Identity Manager covered.

1.6 Client Browsers Settings

Following browsers are supported:

Component
Google Chrome
Mozilla Firefox
Microsoft Edge
Safari

1.7 Installer Installation Pre-requisites

Component	Required for	Installation Details
JDK	Oracle FLEXCUBE Investor Servicing Installation	Download JDK and set it as the environmental variable JAVA_HOME and append PATH with {JAVA_HOME}\bin
Weblogic	Oracle FLEXCUBE Investor Servicing Installation	Installer home needs to be specified for using the Deployment feature of installer.
Oracle Client	Oracle FLEXCUBE Investor Servicing Installation	Oracle client is required to install database objects of Oracle FLEXCUBE Investor Servicing.
Environment Variables	Oracle FLEXCUBE Installation	Create environment variables as given below. NLS_LANG = AMERICAN_AMERICA.UTF8 JAVA_TOOL_OPTIONS = -Dfile.encoding=UTF8



Please use appropriate text editor to open the installer log file. If there are any issues in opening, close the installer and open the log file from log folder of installer. It's recommended to use notepad as default program for .log extension in windows operating system.



Prerequisites for Oracle FLEXCUBE Installer
[February] [2022]
Version 14.5.3.0.0

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], [2022], 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.