

Prerequisites for Oracle FLEXCUBE Installer
Oracle FLEXCUBE Investor Servicing
Release 12.4.0.11.0
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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. This chapter explains the various configurations that are required to be performed at OS and Application or DB server level.

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 (Soft) | 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 user 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

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.

Refer the 'Prerequisite' chapter of [Security Guide](#) user manual for further information on enforcing security for web.



For installing any third-party or pre-requests list is provided for generic information however for detailed steps refer vendor install page.

| | |
|---------------------------------------|--|
| 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 explain 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 |
| Microsoft Internet Explorer |
| 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.



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