

Prerequisites for Oracle FLEXCUBE Installer  
Oracle FLEXCUBE Investor Servicing  
Release 14.7.2.0.0  
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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.

## 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<br>RAM Between 1 GB and 2 GB<br>Between 2 GB and 16 GB<br>More than 16 GB | 1.5 times the size of RAM<br>Equal to the size of RAM<br>16Gb | SWAP space requirement  |
| Patches  | Verify as per Oracle's platform specific release notes        | <a href="http://support.oracle.com/">http://support.oracle.com/</a> |

## 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  |

Application server needs to be configured to use JDK 11.

| Component | Required for                 | Installation Details   |
|-----------|------------------------------|--|
| JDK 11    | 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](#).

### 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.

### 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.<br>NLS_LANG = AMERICAN_AMERICA.UTF8<br>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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