

FlexNet license server 11.12, 11.14, 11.16

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For more information about FlexNet, see:


- [License Administration Guide. FlexNet Publisher 2014 R1 \(11.12.1\)](#)
- [License Administration Guide. FlexNet Publisher 2019 R2 \(11.16.4\)](#)

Choosing the Flexnet server manager

There are three types of FlexNet server managers:

- *Imadmin* – a web-based license server manager with GUI (recommended).
- *Imgrd* – a license server manager with a command-line interface.
- *Imtools* – the old Windows-based server manager (replaced by *Imadmin*).


We recommend using *Imadmin*.



- *Imadmin* installer comes in 32-bit architecture (regardless of the version) only.
- 11.12.1 version license server utilities (except the *Imadmin* installer) come in 32/64-bit architectures.


Prerequisites

- 11.14 version license tools are not available in 64-bit binaries. Only 32-bit tools are available (additional 32-bit libraries need to be installed in the 64-bit multi-arch system to execute them).
- You have downloaded the installation files of:
 - the FlexNet license server manager.
 - the vendor daemon - Cameo.



The license server manager (e.g., *Imadmin*) should be of the same or later version as a vendor daemon - Cameo you use.

For Windows users







To use *Imadmin* on Windows platforms, the Microsoft Visual C++ 2013 Redistributable Package must be installed. You have an option to install this package during the FlexNet Publisher License Server Installer process.

Windows	32-bit system	64-bit system
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<ul style="list-style-type: none"> You can run <i>lmadmin</i> (11.12.1) on these officially supported platforms: <ul style="list-style-type: none"> Windows 8 Windows Server 2012 Windows Server 2008 Windows 7 (Ultimate) Windows Vista (Ultimate) You can run <i>lmadmin</i> (11.14) on these officially supported platforms: <ul style="list-style-type: none"> Windows 10 Windows Server 2008, including SP1, SP2, and R2 Windows 8 Windows 8.1 Windows 7, including SP1 Windows Server 2012 R2 Windows Server 2012 	<p>We recommend using 32-bit <i>lmadmin</i> or 32-bit <i>lmgrd</i> with a 32-bit Cameo daemon vendor file.</p>	<p>We recommend using 32-bit <i>lmadmin</i>. Additional 32-bit libraries need to be installed in the 64-bit multi-arch system to execute them.</p>
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For Linux users

Linux	32-bit system	64-bit system
<ul style="list-style-type: none"> You need to have the <i>glibc</i> libraries installed corresponding to your operating system architecture. You need to create a non-root system user with root privileges and install /run the server tools using it: <div>  </div>	<ul style="list-style-type: none"> We recommend using the 32-bit <i>lmadmin</i> installer or 32-bit <i>lmgrd</i>. You need to install the Linux Standard Base (LSB) library. <div>  <p>For Ubuntu</p> <pre>sudo apt-get install lsb-core</pre> <p>For Redhat/CentOS /Fedora</p> </div>	<ul style="list-style-type: none"> We recommended using 32-bit <i>lmadmin</i> and 64-bit <i>lmgrd</i> for 64-bit multi-arch systems. For version 11.12.1 we recommend either using the 32-bit <i>lmadmin</i> installer (for multi-arch systems), or the 64-bit <i>lmgrd</i>. <div>  </div> <ul style="list-style-type: none"> For version 11.14 we recommend either using the 32-bit <i>lmadmin</i> installer, or the 32-bit <i>lmgrd</i> for multi-arch systems. 64-bit 11.14 lmadmin /lmgrd binaries are not available. <div>  </div>

Check if LSB was installed successfully using:

```
lsb_release -a
```

```
sudo yum
install redhat-
lsb-core
```



In order to query which lsb library is required for a particular Centos version, the following command can be executed:



It is the best practice to run license servers on a server-based OS.

Related pages

- [Installing FlexNet license server 11.12, 11.14, 11.16](#)
- [Troubleshooting](#)
- [Useful commands](#)

This can be achieved either by:

1. Adding the user to the 'sudo' group
2. Editing the file /etc/sudoers using visudo.

Method 1 (Ubuntu based)

```
sudo adduser newuser
sudo usermod -aG sudo
newuser
```

Method 2 (Ubuntu based)

```
Modify '/etc/sudoers' with
the editor "visudo".

#Create a user called
"newuser"
[root@mylinux~]#useradd
newuser
[root@mylinux~]#passwd
newuser

#Edit the file with visudo:
[root@mylinux~]# visudo

#Find a line 'User
privilege specification'
and add the following.
newuser ALL=(ALL) ALL
```

Method 1 (Redhat/Fedora/CentOS)

```
sudo adduser newuser
sudo passwd newuser
sudo usermod -aG wheel
newuser
```

Installing 32-bit libraries on 64-bit systems will require 32-bit libraries.

For recent Ubuntu

For recent Ubuntu

```
sudo apt-get install libc6-i386
apt-get update
sudo apt-get install lsb-core
```

For older Ubuntu

For older Ubuntu use

```
sudo dpkg --add-architecture i386
apt-get update
sudo apt-get install libc6:i386 libncurses5:i386
libstdc++6:i386
sudo apt-get install lsb-core
```

For Redhat/CentOS/Fedora

For Redhat/CentOS/Fedora

```
sudo yum install redhat-lsb-core.i686
```

Running 64-bit programs on 64-bit systems requires 64-bit standard

Base (LSB) libraries in /lib directory to the

LD_LIBRARY_PATH in order to run *lmadmin*.

For Ubuntu

e.g. if your *lmadmin* installation is at /opt/FNPLicenseServerManager
then adding it to the path would look like this:

```
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:/opt
/FNPLicenseServerManager
```