

## License Server Setup

1. Unzip the license manager from the package.
2. Make the appropriate run permissions to executables.

## Permissions

**Note:** You must have logged into the root on UNIX.

The same user who starts the license server may also configure it. Only the user who started the license server can stop it. However, only a user with the user name "root" can use *lsrvdown* to shut down the license server.

Before allowing such actions, RMS not only checks the user login name providing that the user is in the same network domain as the license server.

## Getting License

FlexLM (FlexNet) uses a combination of hostname and MAC-address as a so called "lock code".

To get the license server hostname:

```
hostname
```

To get the license server MAC address:

```
ifconfig -a
```

The command returns information on all your system's network interfaces. The physical address or MAC address of your system's network adapter can either be found labeled as **HWaddre** or **ether**. Select the MAC of your first Ethernet interface (usually **eth0**).

Send the information by email to [tesseral.geo@gmail.com](mailto:tesseral.geo@gmail.com). Do not forget the hostname. We will return you an appropriate license file.

## Starting the License Manager

Place the license manager daemon *lmgrd* in an appropriate directory. The execution permissions must be set so that only authorized users may operate the license manager.

- The license manager must be granted read permissions to the license file and other configuration files. The license manager needs also both read and write permissions to the directory so the license manager log files may be created and written by the daemon.
- The license manager can be started automatically or manually.
- To install and start the license server first time use the next command:

```
lmgrd.exe -c <path to license file> -z -l <path to log file>
```

- To start the license manager automatically when rebooting the operation system, add the above command to one of the operating system's startup files.

## Installing Next Licenses

Save the license file attached to our email answer to your license request. There are two methods of installing the next license:

1. stop the license manager, replace its license file with new one and restart as described above
2. or add the license to the running license manager with *lmutil* utility:

```
lmutil lmnewlog -c <path to license file>
```

## Stopping the License Manager

To stop the license manager execute:

```
lmutil lmdown -c <path to license file>
```

## License Issues

Sometimes it is required to make some changes in license file make it work on your system.

## License Manager GUI

FlexLM provides a possibility to manage the licenses in a web browser. To use it first run the utility *lmadmin* from the *lmadmin* folder:

```
lmadmin
```

and connect to it through web browser on your PC:

```
http://<name of server>:8090
```

Using the web interface menu you can manage your licenses interactive way.