

Installing FLEXlm for QualNet — Windows Vista/2000/XP

This document describes how to install the QualNet license server on Windows Vista/2000/XP platforms. It is intended for individuals with some background in Windows system administration. It is required that you have logged in as the **Administrator**, or are logged in as a user in the **Administrators group**.

IMPORTANT

If you are upgrading your license server, please uninstall the old license server (instructions at the end of this document) before proceeding.

Please check that you have received, or downloaded from the web site, the following files:

- (1) **InstallingLicenseServerWindows.pdf**
This file.
- (2) An e-mail template for QualNet end users.
- (3) **qlm-windowsnt.exe**
The license server software.
- (4) **qualnet-3.0-type-code-hostid-date.lic**
The server license file.
- (5) **client.lic**
The client license file.

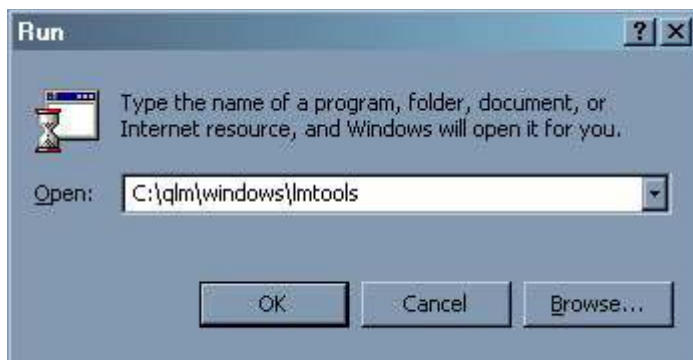
This document assumes the license server install directory is **C:\qlm**. If you choose a different directory, replace **C:\qlm** in this document with your chosen directory.

First, run **qlm-windowsnt.exe**. You will be prompted for a directory to extract to. The default choice of **C:\qlm** is recommended.

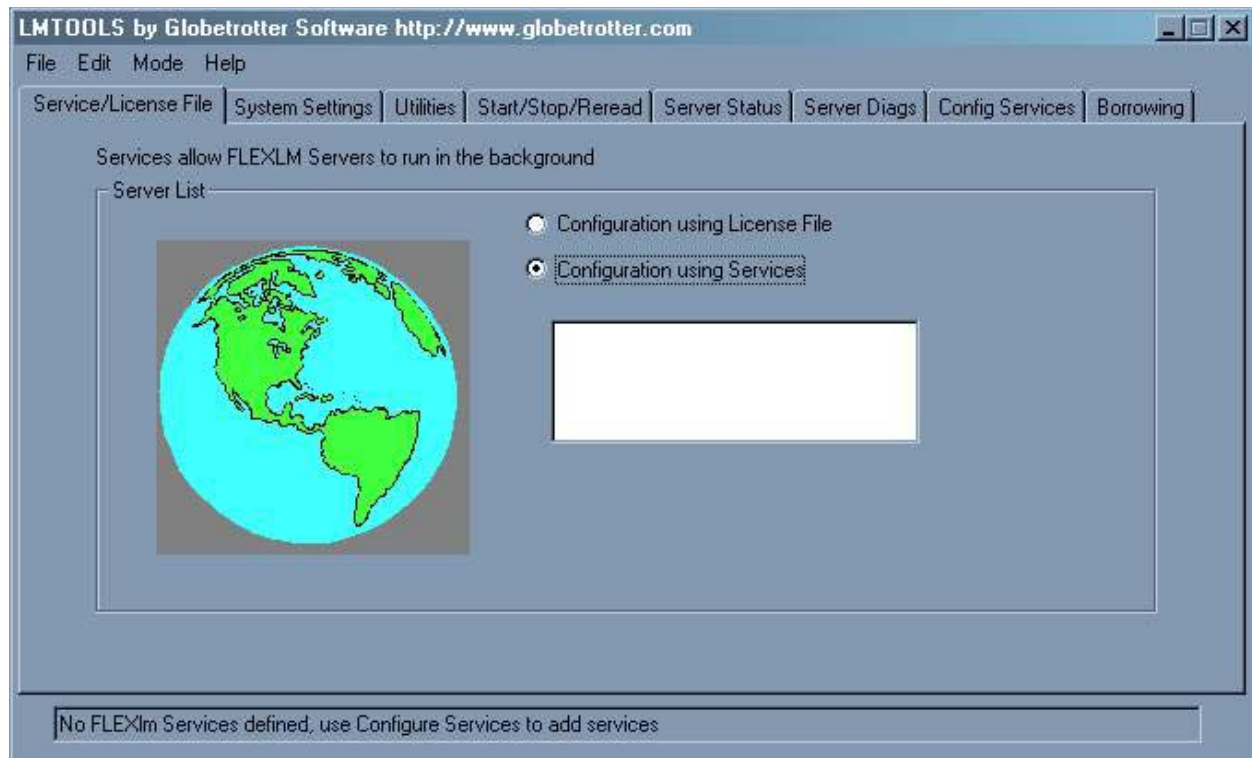
IMPORTANT

Copy the server license file (the one with the longer filename) to **C:\qlm** or your custom directory.

Next, start the lmtools.exe program at **C:\qlm\windows\lmtools.exe**.

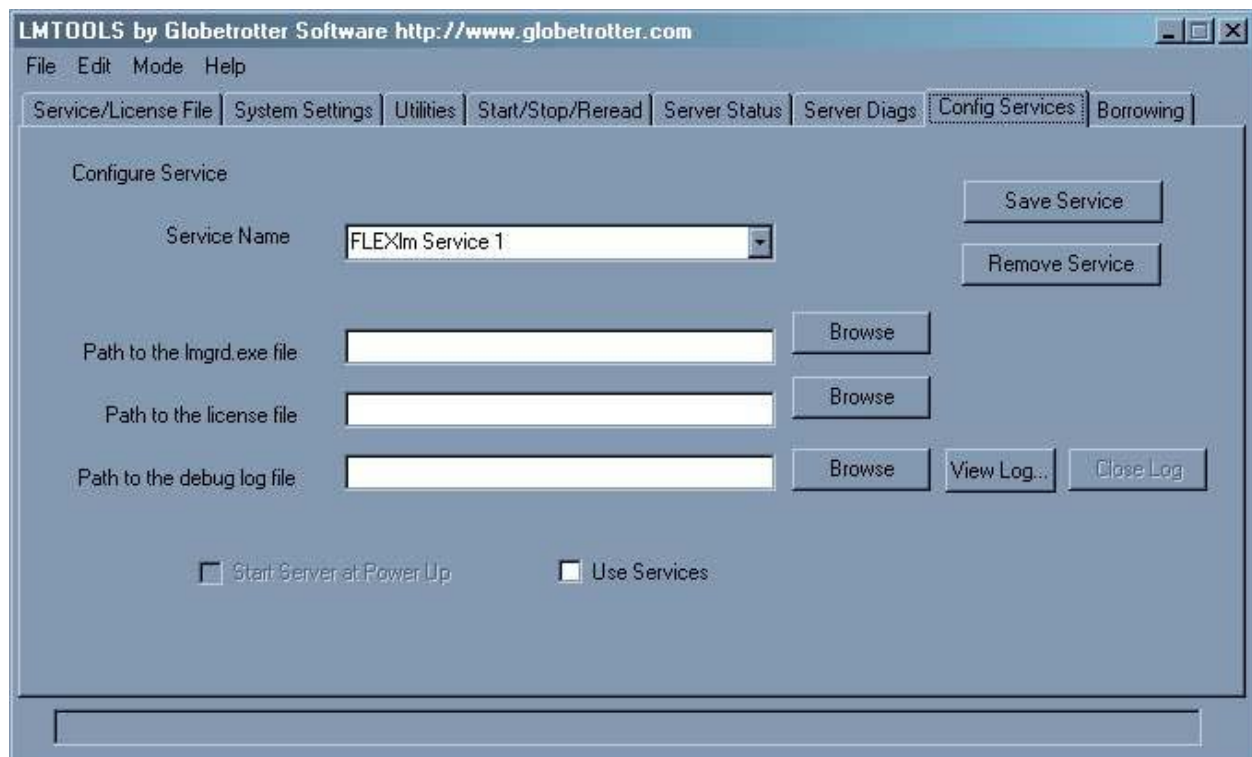


The following screen will appear:



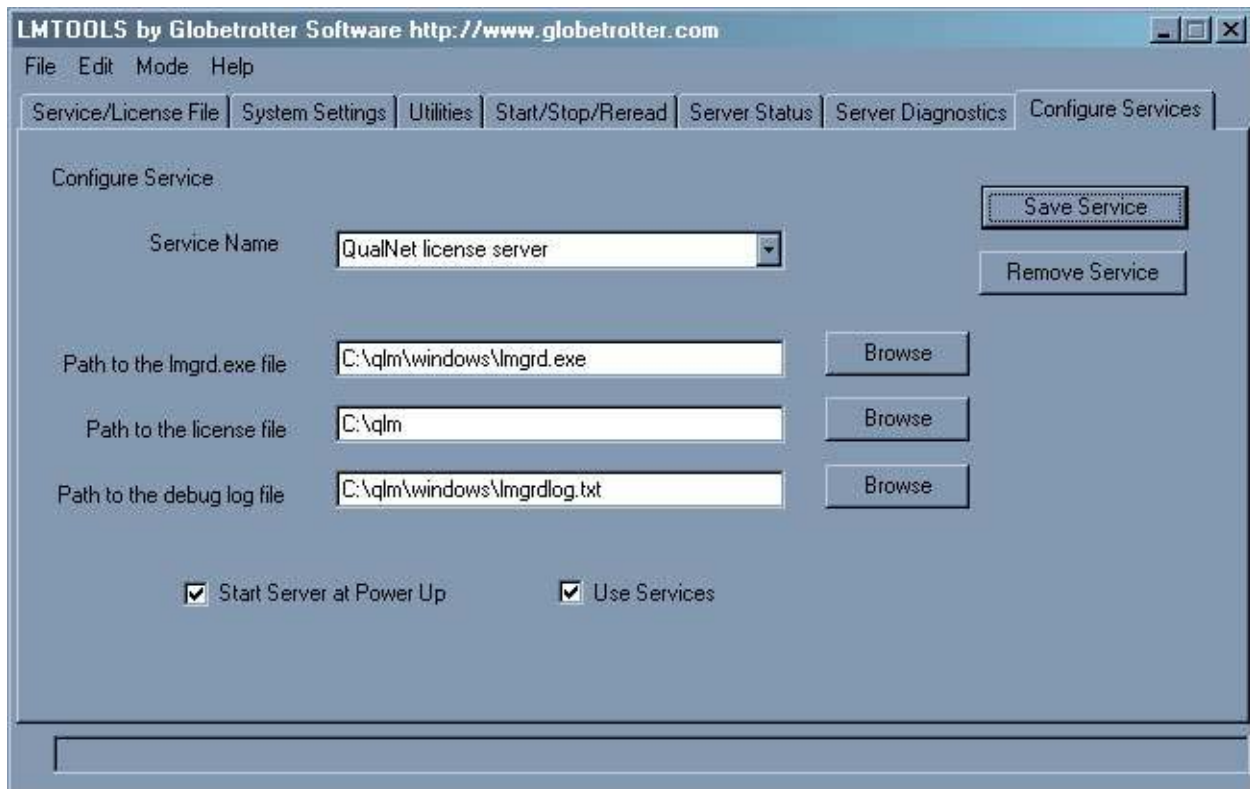
Click on the **Configuring using Services** radio button if it isn't already selected.

Click on the **Config Services** tab in the upper-right corner. The following screen will appear:



Activate both the **Use Services** and **Start Server at Power Up** checkboxes, as below.

You will want to fill out all four text lines (including the first line, for **Service Name**) as below:



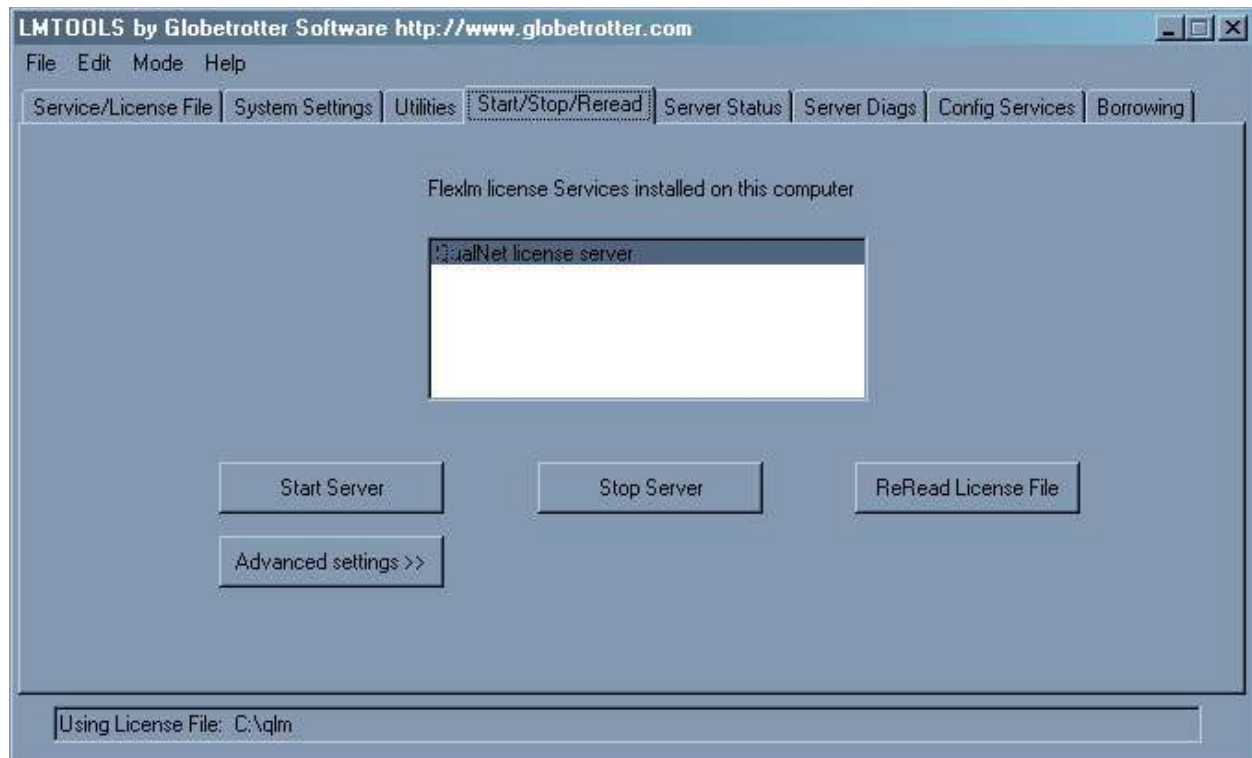
The four lines of text are:

QualNet license server
C:\qlm\windows\lmgrd.exe
C:\qlm
C:\qlm\windows\lmgrdlog.txt

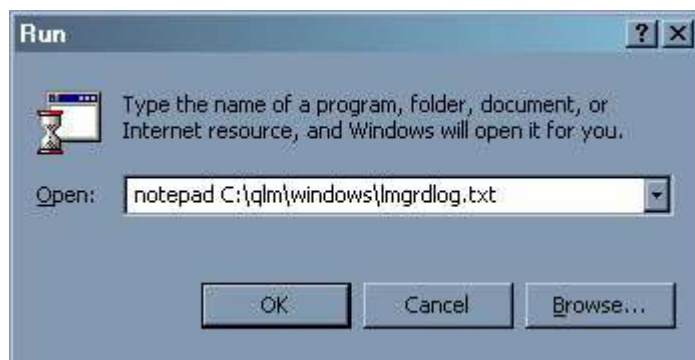
Click the **Save Service** button, and click **Yes**.

You have finished configuring the license server! The QualNet license server will start whenever the computer is rebooted. Let's make sure it works, first.

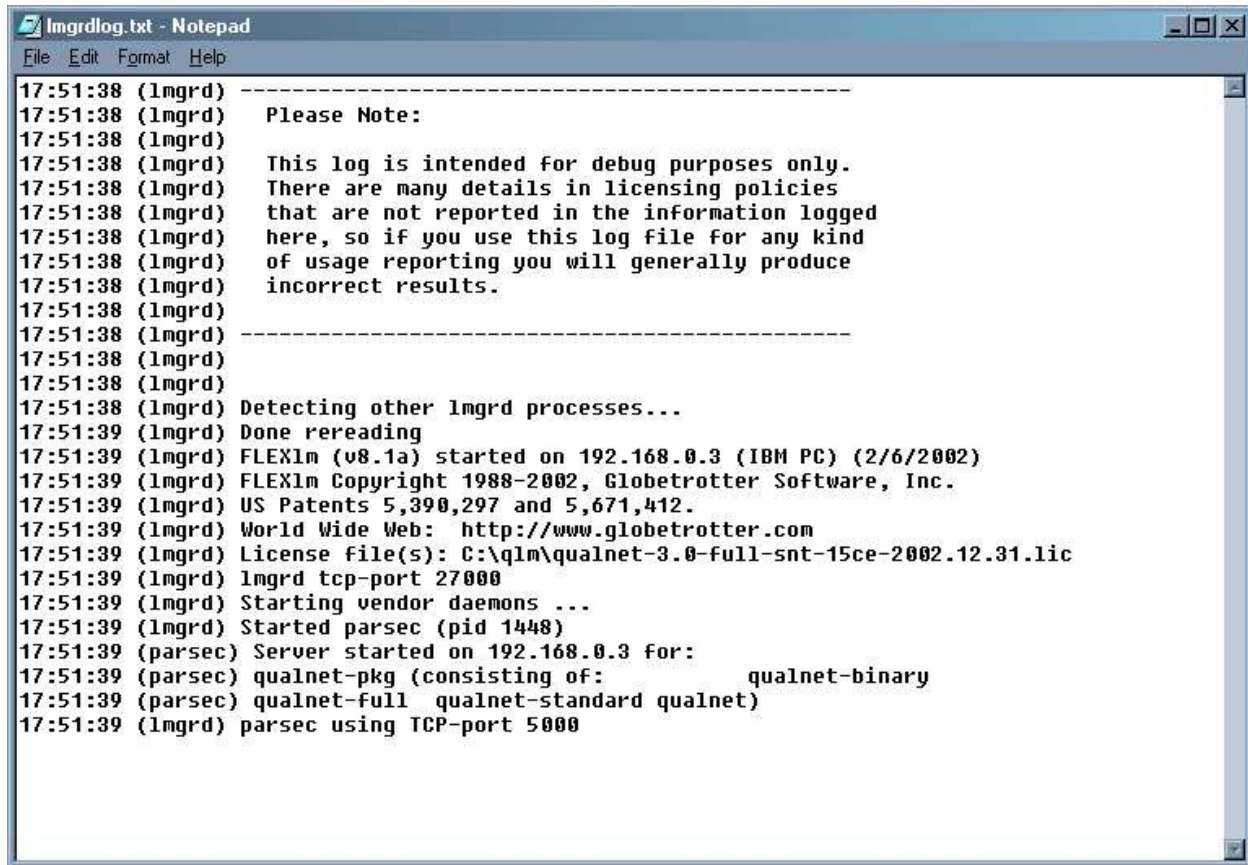
Click the **Start/Stop/Reread** tab.



Click **Start Server**. To verify the license server started without any problems, open the license server log in Notepad with **notepad C:\qlm\windows\lmgrdlog.txt**.



You should see something like this:



```
lmgrdlog.txt - Notepad
File Edit Format Help
17:51:38 (lmgrd) -----
17:51:38 (lmgrd) Please Note:
17:51:38 (lmgrd)
17:51:38 (lmgrd) This log is intended for debug purposes only.
17:51:38 (lmgrd) There are many details in licensing policies
17:51:38 (lmgrd) that are not reported in the information logged
17:51:38 (lmgrd) here, so if you use this log file for any kind
17:51:38 (lmgrd) of usage reporting you will generally produce
17:51:38 (lmgrd) incorrect results.
17:51:38 (lmgrd) -----
17:51:38 (lmgrd)
17:51:38 (lmgrd) Detecting other lmgrd processes...
17:51:39 (lmgrd) Done rereading
17:51:39 (lmgrd) FLEXlm (v8.1a) started on 192.168.0.3 (IBM PC) (2/6/2002)
17:51:39 (lmgrd) FLEXlm Copyright 1988-2002, Globetrotter Software, Inc.
17:51:39 (lmgrd) US Patents 5,390,297 and 5,671,412.
17:51:39 (lmgrd) World Wide Web: http://www.globetrotter.com
17:51:39 (lmgrd) License file(s): C:\qlm\qualnet-3.0-full-snt-15ce-2002.12.31.lic
17:51:39 (lmgrd) lmgrd tcp-port 27000
17:51:39 (lmgrd) Starting vendor daemons ...
17:51:39 (lmgrd) Started parsec (pid 1448)
17:51:39 (parsec) Server started on 192.168.0.3 for:
17:51:39 (parsec) qualnet-pkg (consisting of:          qualnet-binary
17:51:39 (parsec) qualnet-full  qualnet-standard qualnet)
17:51:39 (lmgrd) parsec using TCP-port 5000
```

If there is an error reported, please e-mail license@scalable-networks.com with the error.

You can now close the lmtools application. The QualNet license server is active! If the computer is rebooted, it will automatically start without a user having to login.

Instructions for end users

Send the client.lic file and the e-mail template to QualNet end users. Notice how client.lic lists the IP address of your license server as its only significant information.

Upgrading your QualNet license

The client license file is simple, because all important information about the QualNet license is stored in the server license file. When necessary, SNT can send you a new license file for your license server. End users do not need to change their client.lic file (unless the license server changes IP address).

If you receive a new license file for your server, place it in **C:\qlm**, then stop and restart the license server to activate the new license.

Uninstalling – Windows Vista/2000

It's assumed that the license server is installed in **C:\qlm**.

Start **C:\qlm\windows\lmttools.exe**. Click on the **Configuring using Services** radio button if it isn't already selected.

Click the **Start/Stop/Reread** tab. Make sure **QualNet license server** is highlighted. Click **Stop Server**.

Click **Config Services** (or **Configure Services** for older lmttools). Scroll down the **Service Name** listbox until **QualNet license server** is displayed. Click **Remove Service**, then **Yes**.

Exit the lmttools program.

Remove the **C:\qlm** directory. That's it!

Support

If you have trouble installing the license server, or users encounter a "system clock set back" license error or other issues, please e-mail license@scalable-networks.com for assistance.