**PLEASE REFER TO** [**http:**//kb.palisade.com/index.php?pg=kb.page&id=543](http://kb.palisade.com/index.php?pg=kb.page&id=543)   
**FOR CURRENT INFORMATION.**

**2.3. Operating 6.x/7.x Network Licenses without Server Manager**

**Applies to:** Palisade Concurrent Network and Enterprise Network software, releases 6.x/7.x

**I have numerous network products with FLEXnet licenses, and I manage them all with LMTools or another product.  Can I use that same license manager with the Palisade licenses, or must I use Server Manager?**

We strongly recommend that you install Server Manager and use it for initial setup plus activation and deactivation of licenses, even if you intend to use LMTools or your other license manager software for day-to-day operations.  (Activatable licenses can be activated and deactivated only through Server Manager.  If you're trying to avoid Server Manager, you may want to request a certificate license, which is less flexible but doesn't require activation.)

*Please note: These instruction have been tested successfully both here and at a customer site.  However, our* supported *configuration is Palisade Server Manager.  If you have difficulties with these instructions, and we can't help you relatively quickly, you may need to use Server Manger as the most efficient route to a solution.*

If you already have Palisade 5.x network software, the license process is an older version and cannot serve 6.x/7.x licenses.  The 7.x license process can serve all 5.x–7.x licenses.

To set up your 6.x/7.x Palisade network license for operation without Server Manager, follow these steps *in order*:

**License File (Certificate)**

If you have a 5.x certificate license and you are getting a 6.x/7.x certificate license, you must follow the steps in this section **before installing Palisade Server Manager**.  This is required because the 5.x license service can't cope with 6.x/7.x licenses.  Therefore you need to arrange things so that the 5.x vendor daemon only knows the 5.x license, but the 5.x–7.x licenses get picked up by Server Manager on install.

1. Obtain a combined 5.x–7.x license file from Palisade Technical Support.  Please give Technical Support all relevant serial numbers and a copy of your current license file, so that they can create your new license file correctly.
2. Rename the old license file to match the name of the new file. Do not place the new file in that folder yet.
3. In LMTools » Config Services, change the license file name to match. Click Save Service.
4. Go to the Start/Stop/Reread tab of LMTools and click ReRead License. Then on Server Status check that the (old) license is recognized. If it is not, go back to Start/Stop/Reread and click Stop Service, then Start Service.
5. Close LMTools.
6. Replace the old license file with the new license file. Do not restart the 5.x Palisade service or reread the license.

**Install Palisade Server Manager**

This sets up the 7.x Palisade license service, which uses FLEXnet Publisher 11.10. The 5.x license service uses FLEXnet Publisher 11.4 and cannot serve 6.x/7.x licenses, but the 7.x service can serve all 5.x–7.x licenses.

1. Run the server installer, from the link provided by Palisade in your email.  Don't install it to the same folder as the 5.x service, because some file names conflict.

The server installer will ask your permission to shut down the 5.x license service. Grant this permission. (The 5.x license service is shut down, but not removed. If you wish, you can later remove it in LMTools.  Do not start it again.)

1. On the "Finish" screen of the installer, there will be a check box to launch Server Manager. Verify that the box contains a check mark, and click Finish.
2. When Server Manager launches, click Options and configure port number(s) and borrowing. Click OK.

If you choose to [allow borrowing](http://kb.palisade.com/index.php?pg=kb.page&id=1142), it will apply only to 6.x/7.x licenses. End user instructions are at [Borrowing a 6.x/7.x Concurrent Network License for Use off Network](http://kb.palisade.com/index.php?pg=kb.page&id=255).

1. If you have an activatable license, click Activate and follow the instructions on screen to activate it.  When prompted to create a Palisade\_NetworkClient.ini file, create the file because you will need it for client installs.
2. If you have a certificate license, click the license in the bottom half of the Server Manager window and then click Create Client.ini. You will need this file for client installs.
3. Click Start Service. If you wish, click Status to verify that the licenses have been found.
4. Close Server Manager.

**Ongoing License Management with LMTools**

From here on, you can use LMTools exclusively for the 6.x/7.x license, except for activations and deactivations.

* The Palisade 7.x service name is "Palisade License Service".
* You can **remove your old 5.x service**, and to avoid confusion we recommend you do. The old service has already been stopped by Server Manager.
* The license file (Server.lic) and options file (Palisade.opt) are located in the same folder where you installed Palisade Server Manager. You can rename the license file, if you wish. If you move the license file, move the Palisade.opt file to the same folder. After a rename or move, edit the "Palisade License Service" service in LMTools.
* **Borrowing:** Palisade's vendor daemon reads the Palisade.opt file to determine whether to allow 6.x/7.x network clients to borrow a license for off-network use, and for how long. For any 6.x/7.x feature where you want to disallow borrowing, set MAX\_BORROW\_HOURS to 0. For any feature where you want to allow borrowing, MAX\_BORROW\_HOURS must be a multiple of 24, specifically 24×(1+maximum days to borrow). For example, to allow borrowing for up to a week at a time, compute 24×(1+7) = 24×8 = 192 and place that on the MAX\_BORROW\_HOURS line. MAX\_BORROW\_HOURS for 5.x features is ignored because your 5.x license does not support borrowing. (This use of MAX\_BORROW\_HOURS is not standard FLEXnet usage.)

The borrowing options can be changed while the license service is running. To make the change effective after editing the Palisade.opt file, run LMTools and on the Start/Stop/Reread tab click ReRead License File.

* The debug log will contain one or more messages "Feature ... does not support borrowing, MAX\_BORROW\_HOURS ignored". You can ignore this message.

**Client Installs**

The client installer (link provided to you in email) requires a Palisade\_NetworkClient.ini file at install time. The client installer stores information from this file into the System Registry on the client, which will tell the application software how to find your license server.

If you did not create it before, you can create this .ini file now.  In Server Manager, select the license and click Create Client.ini.

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