Cadence SPB / OrCAD 17.x Post-Installation Checklist

Is the License Manager Service configured?

Go to Start>Programs>Cadence>License Manager, right-click>Run as Administrator on the LMTools shortcut.

In LMTools, go to the Config Services tab, set the drop-down for Cadence License Manager as the Service Name.

Check the contents of the three edit boxes, the default entries would be C:\Cadence\LicenseManager\Imgrd.exe, C:\Cadence\LicenseManager\license.dat and C:\Cadence\LicenseManager\debug.log.

Set the Check boxes for Start Server at Power Up and Use Services.

IF you already have an installation of another product that uses FlexLM, the service entries will need to be configured manually.

IF you have made any changes to the License Manager Service Configuration, use the Save Service button to save the changes.

LMTOOLS by Flexera Software, Inc.	
File Edit Mode Help	
Service/License File System Settings Utilities Start/Stop/Reread Server Status Server Diags	Config Services Borrowing
Configure Service	
Service Name Cadence License Manager	Save Service
Service Name Cadence License Manager	Remove Service
Path to the Imgrd.exe file C:\Cadence\LicenseManager\Imgrd.exe Browse	
Path to the license file C:\Cadence\LicenseManager\license.dat Browse	
Path to the debug log file C:\Cadence\LicenseManager\debug.log Browse	View Log Close Log
☑ Start Server at Power Up ☑ Use Services	

Is the License Manager Service running?

In LMTools, go to the Start / Stop / Reread tab, left-click on the Stop Server button, (The status line will change to "Stopping Server" or "Unable to stop server") wait a few seconds and left-click on the Start Server button. (Status will change to "Server Start Successful")

LMTOOLS by Flexera Software, Inc.	
File Edit Mode Help	
Service/License File System Settings Utilities S	Start/Stop/Reread Server Status Server Diags Config Services Borrowing
	net license services installed on this computer
Start Server Advanced settings >>	Stop Server ReRead License File Force Server Shutdown NOTE: This box must be checked to shut down a license server when licenses are borrowed.
Using License File: C:\Cadence\LicenseManage	er\license.dat

Go to the Config Services tab and use the View Log button to open the log file. The contents will resemble:

```
<time> (lmgrd) ----
                          _____
                 _____
<time> (lmgrd)
              Please Note:
<time> (lmgrd)
<time> (lmgrd)
              This log is intended for debug purposes only.
. . . .
<time> (lmgrd) Server's System Date and Time: <long date, time and timezone>
<time> (lmgrd) pid <some process id>
. . . .
<time> (lmgrd) Done rereading
<time> (lmgrd) FlexNet Licensing (v11.13.1.3 build 176543 x64_n6) started on
<servername> (IBM PC) (<date>)
<time> (lmgrd) Copyright (c) 1988-2015 Flexera Software LLC. All Rights Reserved.
<time> (lmgrd) World Wide Web: http://www.flexerasoftware.com
<time> (lmgrd) License file(s): C:\Cadence\LicenseManager\license.dat
<time> (lmgrd) lmgrd tcp-port 5280
<time> (lmgrd) (@lmgrd-SLOG@) License file(s) used:
C:\Cadence\LicenseManager\license.dat
. . . .
<time> (lmgrd) Starting vendor daemons ...
<time> (lmgrd) Starting vendor daemon at port 3000
<time> (lmgrd) Using vendor daemon port 3000 specified in license file
<time> (lmgrd) Started cdslmd (pid <another process id>)
<time> (cdslmd) FlexNet Licensing version v11.13.1.3 build 176543 x64_n6
. . . .
<time> (cdslmd) Server started on <servername> for: <license features>
<time> (cdslmd) All FEATURE lines for cdslmd behave like INCREMENT lines
<time> (cdslmd)
<time> (cdslmd) EXTERNAL FILTERS are OFF
```

<time> (lmgrd) cdslmd using TCP-port 3000

Check that the Time for the entries is current, you may need to use the View Log and Close Log buttons a couple of times to get the log file contents updated.

Is the license source correctly configured?

Go to the Computer link, Start>Computer, right-click>Properties, Advanced System Settings, Environment Variables button.

Variable	Value	
HOME	C:\SPB_Data	
OneDrive		
Path	C:\Program Files\Intel\WiFi\bin\;C:\Program Files\Common Files\I	
TEMP	%USERPROFILE%\AppData\Local\Temp	
TMP	%USERPROFILE%\AppData\Local\Temp	
	<u>N</u> ew <u>E</u> dit <u>D</u> elete	
	<u>N</u> ew <u>E</u> dit <u>D</u> elete	
/stem variables	<u>N</u> ew <u>E</u> dit <u>D</u> elete	
ystem variables Variable	New Edit Delete	^
Variable	Value	
Variable CDS_LIC_FILE		
Variable	Value 5280@localhost	
Variable CDS_LIC_FILE CDS_LIC_ONLY	Value 5280@localhost 1	
Variable CDS_LIC_FILE CDS_LIC_ONLY ComSpec	Value 5280@localhost 1 C:\WINDOWS\system32\cmd.exe	
Variable CDS_LIC_FILE CDS_LIC_ONLY ComSpec DOTNET_REACTOR	Value 5280@localhost 1 C:\WINDOWS\system32\cmd.exe C:\Program Files (x86)\Eziriz\.NET Reactor	
Variable CDS_LIC_FILE CDS_LIC_ONLY ComSpec DOTNET_REACTOR HOME	Value 5280@localhost 1 C:\WINDOWS\system32\cmd.exe C:\Program Files (x86)\Eziriz\.NET Reactor C:\SPB_Data	
Variable CDS_LIC_FILE CDS_LIC_ONLY ComSpec DOTNET_REACTOR HOME MAGICK_HOME	Value 5280@localhost 1 C:\WINDOWS\system32\cmd.exe C:\Program Files (x86)\Eziriz\.NET Reactor C:\SPB_Data C:\Utils\ImageMagick	~

The Upper Window is for User Variables, the Lower Window is for System Variables. There are two Environment Variable entries of interest, CDS_LIC_FILE and CDS_LIC_ONLY. They will either exist in the User, or System, Variables window, they should not exist in both the User and System Environment Variables windows. The Value of the CDS_LIC_ONLY variable should be 1 (number one) and the Value of the CDS_LIC_FILE variable should be 5280@<name of machine> (<name of machine> would be the name of the machine running the License Manager, the computer name, or "localhost").