

SimLab Floating Server



Installation

Installing SimLab Floating server adds two applications

- 1- SimLabFloatingServer.exe
- 2- SimLabFloatingServerMonitor.exe

SimLabFloatingServer

SimLabFloatingServer.exe is a windows **service** that automatically registers itself and starts this executable is responsible for providing the licenses to the clients.

The user can stop, and start this service from Services application, available under Windows **Control Panel** -> **Administrative Tools**

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Organize 🔻 🔳 Open 🛛 Burn			:= - 🔟 🔞
Name	Date modified	Туре	Size
🔊 Component Services	7/14/2009 7:57 AM	Shortcut	2 KB
🛃 Computer Management	7/14/2009 7:54 AM	Shortcut	2 KB
Data Sources (ODBC)	7/14/2009 7:53 AM	Shortcut	2 KB
📷 Event Viewer	7/14/2009 7:54 AM	Shortcut	2 KB
😹 iSCSI Initiator	7/14/2009 7:54 AM	Shortcut	2 KB
Microsoft .NET Framework 2.0 Configura	9/1/2010 5:04 PM	Shortcut	2 KB
Performance Monitor	7/14/2009 7:53 AM	Shortcut	2 KB
Services	7/14/2009 7:54 AM	Shortcut	2 KB
🛃 System Configuration	7/14/2009 7:53 AM	Shortcut	2 KB
😥 Task Scheduler	7/14/2009 7:54 AM	Shortcut	2 KB
🞓 Windows Firewall with Advanced Security	7/14/2009 7:54 AM	Shortcut	2 KB
📧 Windows Memory Diagnostic	7/14/2009 7:53 AM	Shortcut	2 KB
😹 Windows PowerShell Modules	7/14/2009 8:32 AM	Shortcut	3 KB

To restart the service, select the service SimLab Floating server, right click and click Restart.

ile Action View	Help					
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Services (Local)	Services (Local)					
	SimLab Floating Server	Name	Description	Status	Startup Type	Log On As
		🔍 Secondary Logon	Enables star		Manual	Local Syste
	Stop the service	Secure Socket Tun	Provides su		Manual	Local Service
	Restart the service	Security Accounts	The startup	Started	Automatic	Local Syste
		Security Center	The WSCSV	Started	Automatic (D	Local Service
		🔍 Server	Supports fil	Started	Automatic	Local Syste
	Description:	🔍 ServiceLayer		Started	Manual	Local Syste
	Similar Ploating Server	🔍 Shell Hardware De	Provides no	Started	Automatic	Local Syste
		🌼 SimLab Floating S	SimLab Floa	Started	Automatic	Local Syste
		🔍 Smart Card	Manages ac	Sta	art	Local Service
		🔍 Smart Card Remo	Allows the s	St	op	Local Syste
		🔍 SNMP Trap	Receives tra	Pa	use	Local Service
		🔍 Software Protection	Enables the	Re	sume	Network S
		🔍 SolidWorks Licens	Provides au	Re	ctart	Local Syste
		🔍 SPP Notification S	Provides So	100	Store	Local Service
		🔍 SQL Active Direct	Enables inte	AI	I Tasks →	Network S
		🔍 SQL Server (DDNI)	Provides sto	P.	freedo	Network S
		🔍 SQL Server (SQLEX	Provides sto	Re	tresn	Network S
		🔍 SQL Server Active	Enables inte	Pr	operties	Network S
		🥋 SQL Server Agent	Executes jo			Network S
		SQL Server Browser	Provides SQ	He	elp	Local Service
		•		m		•
	Extended Standard					

The user can also stop, and start the service from the services application.

Service parameters

The licensing server uses three values that are stored in the registry under

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SimLab\SimLab Floating Server

To edit those value start the application regedit from the Windows Start menu.

Variable name	Default value	Description
SIMLAB_FLOATING_PORT_NUMBER	2137	The network port to use
SIMLAB_FLOATING_LICENSE_PATH	Same as installation directory	The location of the license files.
SIMLAB_FLOATING_TEMP_PATH	The temp folder	Any writable folder

Changing any value will take effect after restarting the service.

SimLabFloatingServerMonitor

SimLabFloatingServerMonitor.exe: this application enables the user to monitor the service, the user can start this application from All programs-> SimLab -> SimLab Floating Server Monitor

🧽 SimLab Floating Server Ma	nger				x
File Help					
Host Name simlab-asultan	IP Address	192.168.0.108	Port Number	2137	
Monitor					
Server Log					
					at

The application will show the IP address of the machine running the service and the port number the port address the server is listening to

To view available licenses and used licenses the user can click the monitor button then refresh in the monitor dialog

🧈 Server Monitor	1.2		11000	Carlor Martin	?
					Refresh
Client Name	Application	Version			
Application	Version	Licenses	Remaining		

Requesting floating licenses

To request floating licenses, start SimLabFloatingServerMonitor.exe, click the menu File -> Generate License Request

🧽 Sir	mLab Floating Server Manger					x
File	Help	_				
	Generate License Request	Address	192.168.0.108	Port Number	2137	
	Exit					
	Monitor					

Fill the company name, and email address and click Generate Manual Request

Request Floating License	X
Company	
To request floating license 1- Fill needed informati 2- Click Generate Manu 3- Send the generated	s please do the following on (Company name and Contact email) Il Request File *.mrf) to <u>license@simlab-soft.com</u>
Gene	ate Manual Request File

Send the generated license request file (*.mrf) to license@simlab-soft.com

SimLab Licensing team will generate the floating licenses and send them to you.

When receiving the license file:

- 1- Copy the license file to same location as the floating server executable, or the new variable you set in the variable SIMLAB_FLOATING_LICENSE_PATH
- 2- Make sure to restart the service

After restarting the service, it should be ready to serve licenses to the clients.

Client connection

To make the client connect to the floating server, from the registration dialog of the client click Activate

SimLab Floating Server



Click Connect to licensing server

🧈 License Dialog	×					
Simlab Soft						
Machine license						
I already received a software key						
Software key is a string like (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx						
→ I already received a license file (*.sl)						
Network (Floating) Licensing	Network (Floating) Licensing					
→ Connect to licensing server						
Server IP Address or Host Name 192.168.0.100	Port 2225 🔶 Connect					
Home						

Fill the IP address and the port number for the floating server and click connect.