

Version 2020.1

SCHLUMBERGER LICENSING

Release Notes

Schlumberger

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Security Notice

The software described herein is configured to operate with at least the minimum specifications set out by Schlumberger. You are advised that such minimum specifications are merely recommendations and not intended to be limiting to configurations that may be used to operate the software. Similarly, you are advised that the software should be operated in a secure environment whether such software is operated across a network, on a single system and/or on a plurality of systems. It is up to you to configure and maintain your networks and/or system(s) in a secure manner. If you have further questions as to recommendations regarding recommended specifications or security, please feel free to contact your local Schlumberger representative.

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Release highlights

The SIS License Server 2020.1 release contains critical security and stability updates. SIS major software releases do not need to make any change to use the SIS License Server 2020.1. The SIS License Server 2020.1 is compatible with prior versions of SIS license files and software versions.

Security fixes

- Address the following Flex security vulnerabilities: [CVE-2018-20031](#), [CVE-2018-20032](#), [CVE-2018-20033](#) and [CVE-2018-20034](#).

Summary of changes

- The server is upgraded to Flex 11.16.5.0
- The server is upgraded to CodeMeter 6.90b runtimes
- Migration from InstalShield WiX installation package
- The server includes scplmd daemon

Platform support

The Schlumberger licensing server is supported on the following platforms:

Windows

- Windows 10 64-bit Professional/Enterprise.
- Windows Server 2016 64-bit.

Linux

- Red Hat Enterprise Linux Server version 7 Update 5 or later (x86_64).

Special note to user of SPT License Handler

This applies to users of the following products: OLGA, Drillbench, MEPO, PIPEFLO, WELLFLO and FORGAS

SPT License Handler is no longer used for licensing of Schlumberger products. All users of the SPT License Handler must upgrade to the new version of Schlumberger Licensing Tool and request a new SIS license file.

Please perform the following steps:

- Uninstall SPT License Handler before installing the new version of Schlumberger Licensing Tool.
- Request a new license file from your Schlumberger contact person.
- Set up new license file using Schlumberger Licensing Tool 2020.1

The new license file will work with all earlier versions of the software. Full details of this change can be found in the FAQ section of the documentation.

Platform support notes

- The License Tool may not work correctly on all language versions of the Windows OS. If the following error is seen "Some or all identity references could not be translated.", It may be necessary to either run untick the "Start with Windows box" or manually change the file and folder permissions as described in the FAQ section of the main documentation.
- Only command line utilities are available on Linux platforms, there is no GUI-based license configuration tool.
- The Schlumberger licensing tool is not supported on any version of Windows Server. We recommend either using the lmtools program which is installed with license server, or using a management tool such as those supplied by OpenIT or Flexera.
- The Schlumberger licensing tool is intended as a single user tool and is not suitable if multiple users wish to manage the license service. If this capability is required we recommend either using the lmtools program which is installed with license server, or using a management tool such as those supplied by OpenIT or Flexera.
- The Schlumberger license server is supported on virtual machines based on VMWare ESX 5 & 6 or Windows Hyper V 2012 or 2012R2. The Virtual Machines must be running one of the Windows Server operating systems listed above. If a dongle is required for licensing, the only supported way to connect the dongle to the Virtual Machine is using a Digi Anywhere USB/14 device. Further details of the device can be found at <http://www.digi.com/products/model?mid=3609>. To ensure reliability update the firmware on the device before using it with CodeMeter dongles.
- When installing you may be required to reboot the machine. The license server and licensing tool may not work properly if you do not reboot the computer.

Changes to file and folder permissions.

As part of the security enhancements in the 2017 License Server, the license server now runs as the "LOCAL Service" user when configured to start with Windows. If the Schlumberger License Tool is used to configure the license server then it will modify the file and folder permissions so that the service can read the license files and executables and create and write logs. Full details of what is changed can be found in the FAQ section of the documentation.

Do not install multiple versions of the Schlumberger License Tool

If you have an old version of the license tool installed, please uninstall it before installing the new version.

Increasing security

We recommend that a firewall is run on the license server to increase security. Refer to "Firewall Settings" in the *Schlumberger Licensing User Guide*.

Known issues

Refer to "Troubleshooting /FAQ" in the *Schlumberger Licensing User Guide* for a full list of troubleshooting and known issues.

Max connection message in Linux debug log

We have seen an unreproducible edge case behavior where the debug log contains messages of the form.

"WARNING: Server has hit 80.00% of the max connections limit, please try disconnecting some clients or some non-client connections from the server", and eventually it stops serving licenses.

The cause for this is so far unknown, if you experience this issue please contact SLB support and provide details of your configuration. You may have to revert to 2017 license server.

Mixing of MAC and CodeMeter licenses

We don't recommend mixing MAC and dongle licenses on the same server. It is not supported and various issues may be seen including problems with server stability, performance and start up.

Start-up with many license files

If problems are seen when many license files are in use, refer to "*License server not starting up*" section in *Schlumberger Licensing User Guide*. We recommend a maximum of 4 license files is used. Starting with the 2017.2 release the license tool is now able to combine multiple licenses automatically, but only if the IDs match.

Expired licenses

License files that contain expired or otherwise invalid licenses may cause problems when rereading or starting the server. If you experience issues remove the expired or invalid license(s), then try to re-add the file or folder. Note that reread happens automatically just after midnight each day.

Quorum Server reread failures

We have seen an instance of a quorum license server failing occasionally at reread when the application was set to checkout a license direct from the slbsls port. No problems have been seen when the main `lmgrd` port was in use, we therefore recommend as a precaution that if a quorum is in use that only the main `lmgrd` port is used for communications.

Administrator rights

The License tool has limited functionality when run as a user with non-administrator rights. If run as an administrator then it is capable of setting a configuration that a user with normal access rights cannot change. We therefore recommend that the tool is run with Administrator rights. If used with non-administrator rights, ensure that you have sufficient access to perform the tasks you require. Without using administrator rights the license server can only be configured as a process but not as a service. This means it must be manually started up at each reboot, or after plugging in the dongle.

Linux

On Linux ensure that you have all the required libraries installed. The License Server requires the `lsb` packages. These can be installed when logged in as root, with the command "`yum install lsb`".

CodeMeter

The CodeMeter runtime on the License Server must be upgraded to version 6.90b or later. It can be downloaded from <https://www.wibu.com/support/user/user-software.html>.

Failure of uninstall from start menu.

Note that uninstall of the Schlumberger Licensing may not work from the link on the Start Menu. Schlumberger Licensing may be uninstalled from the Add/Remove programs dialogue inside the Control Panel.