

Release Notes for Mentor[®] Standard Licensing

Software Version 2019_1

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Chapter 1

Licensing Release Notes

Some of the changes in this release may affect how licensing works or how licensing is managed.

Changes of special note are the following:

- Fewer DENIED messages in the license server's debug log
- New Windows licensing utility

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FlexNet Version

The v2019_1 Mentor Standard Licensing (MSL) release uses FlexNet™ 11.16.0.

Each product released with FlexNet 11.16.0 or newer contains everything you need for the license server update. For details on updating your license server, refer to Knowledge Base (KB) article MG66951.

<https://support.mentor.com/en/knowledge-base/MG66951>

For details on FlexNet 11.16.0, refer to the *License Administration Guide*, which is available from the Licensing Software page on Account Center (<https://account.mentor.com/licenses/download>). Choose **Licensing v2019_1 (FlexNet 11.16.0) > Documentation > License Administration Guide**.

FlexNet Enhancements and Corrected Defects in 11.16.0

The FlexNet software includes the following improvements and corrected issues:

- **Improved behavior when running lmgrd as a Local Service** — Previously, the following issue could occur on Windows platforms:

If a *debug.log* file was created manually in a subfolder of *C:\ProgramData* using a Standard User account, and lmgrd was run using a Local Service account, lmgrd could not start because it did not have Modify permissions for the *debug.log* file. This is expected behavior.

To avoid this issue, the following now occur:

- The Windows event log shows warnings if lmgrd is running as a service using a Local Service account and does not have Write permissions for the *debug.log* file.
 - The Windows event log shows the file path for which lmadmin (when run as a service) does not have Modify permissions.
 - An improved warning dialog advises the user to make sure the Local Service user has Modify permissions for the folder containing the *debug.log* file.
- **Corrections to lmstat unsupported messages** — Previously, lmstat showed an expiring feature as unsupported even if the feature was enabled again by a new future start date license. This issue no longer occurs, and lmstat shows the expected behavior after the midnight reread.
 - **Improved lmstat output for future start date licenses** — Previously, when the start date in a license file specified a date in the future, lmstat showed a misleading message similar to the following:

```
Error: n licenses, unsupported by license server.
```

The wording of this message is now more informative:

```
Warning: n licenses, future start date.
```

MGLS (Linux) Changes

This release may contain supported platform changes or DR/ER information.

Changes to Supported Platforms

No changes to supported Linux platforms are in this release.

DRs/ERs Addressed in This Release

This release addresses the following DRs/ERs:

- **Fewer DENIED messages in the license server's debug log (DR 1361235)** — When a checkout failed, prior releases logged a DENIED message twice in the license server's debug log. The license server now logs only a single DENIED message.
- **Licensing may use fewer system resources (DR 1308299)** — Licensing for some products now consumes fewer file descriptors, potentially leading to higher capacity for license servers in high-use environments such as grids.

PCLS (Windows) Changes

This release may contain supported platform changes or DR/ER information.

Changes to Supported Platforms

No changes to supported Windows platforms are in this release.

DRs/ERs Addressed in This Release

This release addresses the following DRs/ERs:

- **Fewer DENIED messages in the license server's debug log (DR 1361235)** — When a checkout failed, prior releases logged a DENIED message twice in the license server's debug log. The license server now logs only a single DENIED message.
- **Licensing may use fewer system resources (DR 1349588)** — Licensing for some products now consumes fewer file descriptors, potentially leading to higher capacity for license servers in high-use environments such as grids.
- **Updated error message (DR 1338004)** — The FlexNet error message “License server system does not support this version of this feature” that appeared in the “Licensing Note!” dialog and MGLS_DEBUG_LOG_DIR output now reads “This application requested version *exact_access_version* or newer of the license feature *feature_name*, which is newer than what is in your license file. Please visit Support Center at <https://account.mentor.com/licenses> for an updated license file.”
- **pcls_ok.exe no longer uses Exact Access versions that are off by one month (DR 1366604 / DR 1359087)** — Sometimes pcls_ok.exe had an off-by-one error in the month portion of the Exact Access version. This issue occurred in the checkout and the MGLS_DEBUG_LOG_DIR output and is now fixed.
- **New pkgmap utility (ER 1280285)** — PCLS includes a new utility, pkgmap, that displays Mentor feature information for a specified product. For more information, see the “Utilities for Licensing” appendix in the v2019_1 *Mentor Standard Licensing Manual*.

Known Licensing Problems

This release contains known licensing issues.

- **Lmdiag displays incorrect error message in the case of multiple vendors** — If a single license server manager, such as lmgrd, serves multiple vendor daemons, lmdiag shows an incorrect error message (“No such feature exists”) for features that are served by one of the valid daemons.
- **Using 32-bit licensing on Linux, odd errors may occur when locations are specified on volumes greater than 1 TB** — On 32-bit systems, file system functions use 32-bit integers for inode numbers. Some operating systems assign 64-bit inode numbers for hard drives with sizes greater than 1 TB. In this case, odd errors such as “file not found” may be reported for files that actually do exist.

To resolve this problem, download the 64-bit Linux version of licensing from Account Center.

Supported Platforms

This release of Mentor licensing supports a variety of platforms.

Table 1-1. Supported Platforms

Operating System	Hardware Architecture	Operating System Version(s)
Linux 32-bit	x86	Red Hat Enterprise 6
Linux 64-bit	x86_64	Red Hat Enterprise 6 Red Hat Enterprise 7 SuSE SLES 11 SP4 SuSE SLES 12 SP3
Windows 32-bit	x86	Windows 7 SP1 (Professional, Enterprise, Ultimate) Windows 8.1 (Professional, Enterprise) Windows 10 (Professional, Enterprise)
Windows 64-bit	x86_64	Windows 7 64 SP1 (Professional, Enterprise, Ultimate) Windows 8.1 (Professional, Enterprise) Windows 10 (Professional, Enterprise) Windows Server 2012 Windows Server 2012 R2 Windows Server 2016

Supporting Licensing Documentation

Refer to the licensing manuals for licensing installation and configuration information.

- *Mentor Standard Licensing Manual*, v2019_1
- Flexera's *FlexNet Publisher 2018 R2 (11.16.0) License Administration Guide*

Mentor Support

If you have questions about this software release, please log in to Support Center. You may search thousands of technical solutions, view documentation, or open a Service Request.

<https://support.mentor.com/>

If your site is under a current support contract but you do not have a Support Center login, register today.

<https://support.mentor.com/register>

For answers to frequently asked licensing questions and to collaborate with Mentor community members and technical experts, visit the Licensing and Installation Mentor Communities site.

https://communities.mentor.com/community/licensing_installation

