License Statistics v5.15.0 Release Notes

License Statistics version v5.15 includes the enhancements and fixes detailed below. Most of these improvements were made in response to customer feedback. For more information on how we incorporate customer feedback into our development process, see Customer-driven development. For information about activating your License Statistics license, see Activating a License Statistics license on Windows or Activating a License Statistics license online.

> ⚠ In addition to learning about the changes in this release, we highly recommend reviewing the License Statistics v5.14 Release Notes if you are upgrading from an older version.

> ⊘ **MySQL 5.7**
>
> This release requires upgrading MySQL Server to version v5.7. Make sure you follow the License Statistics upgrade procedure for an embedded or external database. Most importantly:
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> - Create a backup of the License Statistics database in case of any issues with the data migration.
> - Do *not* use a "quick update" procedure for this release.
> - Configure the external MySQL database (if applicable) by copying the embedded database configuration and adjusting it to your needs, instead of copying your previous configuration file to the new installation or using the default MySQL configuration.

Enhancements

License Statistics v5.15 includes the following enhancements.

Issue #	Description
Update libraries	
LICSTAT-15248	Upgraded Apache to v2.4.38.
LICSTAT-15246	Upgraded OpenSSL to: - 1.1.0j for Windows - 1.1.1 for Linux
LICSTAT-14868	Upgraded Java to v11.0.2.
LICSTAT-14867	Upgraded PHP to v7.2.11.
LICSTAT-14866	Upgraded MySQL to v5.7.24.
Remove deprecated tools	
LICSTAT-15172	Dropped support for Config Path.
LICSTAT-15012	Dropped support for Usage Client.
API enhancements	
LICSTAT-12387	Added API endpoint to get user details.
LICSTAT-12381	Added API endpoints for operations on License Statistics users.
LICSTAT-12380 LICSTAT-12371 LICSTAT-12369	Extended API endpoints for operations on license servers.
LICSTAT-12365	Extended API endpoints for operations on features.
Additional enhancements	
LICSTAT-15076	Updated copyright to 2019.
LICSTAT-15047	Improved capabilities for merging License Servers by allowing Realtime Denials to be enabled on the destination server.
LICSTAT-15006	Extended log with hostname, license server name, and license server ID while querying.
LICSTAT-14971	Extended content for "license users exceeded" notifications.
LICSTAT-14813	Improved application startup performance.

Fixes

License Statistics v5.15 includes the following fixes.

Issue #	Description
LICSTAT-15274	Fixed incorrect documentation of granularity for Usage Per User API.
LICSTAT-15272 LICSTAT-15265 LICSTAT-15219 LICSTAT-15184 LICSTAT-15137	Fixed an issue with data aggregation.
LICSTAT-15268	Fixed an issue with invalid total count on FlexNet license server.
LICSTAT-15266	Fixed an issue with existing vendor name not matching parsed name.
LICSTAT-15245	Fixed an issue with incorrect colors of Utilization bar in Internet Explorer.
LICSTAT-15244	Fixed an issue with unknown error while querying LICMAN license server.
LICSTAT-15243	Fixed an issue with parsing error: "Cannot extract token name for vendor MSC."
LICSTAT-15190	Fixed an issue with parsing feature usage from OLicense server.
LICSTAT-15177	Fixed an issue with user sessions being closed twice.
LICSTAT-15166	Fixed an issue with database migration failing with "NumberFormatException."
LICSTAT-15130	Fixed failure that occurred while inserting data due to foreign key constraint failure.
LICSTAT-15070	Fixed an issue with handling multiple expiration dates for a single feature.
LICSTAT-14972	Fixed an issue with missing version information for Linux installation.