Usage History

ⓘ *This page refers to functionality that has been removed from License Statistics. Reports have been restructured and reorganized as of License Statistics v6.14. The contents of the Usage History report have been moved to Features - History - Usage.*

The **Usage History** page under the **License Servers** section in the left navigation pane shows statistics for license usage on a selected license server during any period that usage was tracked. The settings you make on this page (for example, filters) are retained for the next time you log into License Statistics.

To select a different license server for which to view the status, use the License Server pick list in the Select License Server section at the top of the page. You can select either an individual license server or a license server group from the License Servers pick list.

The Usage History report lets you change time constraints as appropriate for your needs; for example, you can display license usage information based on monthly usage, but limit the displayed results to weeks.

You can add this report to the License Statistics Dashboard. Learn more about customizing the Dashboard.

Feature Usage Information

The feature usage information includes the following:

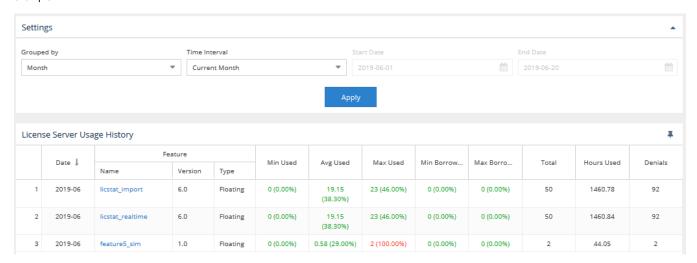| Column Name	Description
Date	A particular day or period of time, whose format depends on the selected grouping option. 1. Hour: YYYY-MM-DD hh:mm; for example, 2014-12-03 14:00. 2. Day: YYYY-MM-DD; for example, 2014-04-13. 3. Week: YYYY-MM-DD - YYYY-MM-DD; for example, 2014-11-10 - 2014-11-16 (starts from Monday). 4. Month: YYYY-MM; for example, 2014-04. 5. Quarter: YYYY-Q[1-4]; for example, 2014-Q2.
Feature Name, Version and Type	Identifying information for the reported features.
Min Used	The minimum number of licenses used in a particular time period.
Avg Used	The average usage (Avg Used column value) is computed differently depending on how the usage history data is grouped. • When data is grouped by Day, the average usage is the weighted average of licenses used on a particular day. For example, if you use 1 license for 8 minutes, then 6 licenses for 2 minutes, the average usage is calculated as follows: (1*8 + 6*2) / (2+8) = 2. • When data is grouped by Week, the value displayed is the mathematical average of the weighted averages.
Max Used	The maximum number of licenses used in a particular time period.
Min Borrowed	The minimum number of licenses borrowed in a particular time period.
Max Borrowed	The maximum number of licenses borrowed in a particular time period.
Total	The total number of licenses available for the feature or Unknown if there are only denials in a particular time period.
Hours Used	The number of hours at least one license of a particular feature was used and/or borrowed. (Note that this column is not available with Hour grouping.)
Denials	The number of denials that occurred for a given feature.

Filtering results

The Settings panel above the grid lets you filter results.
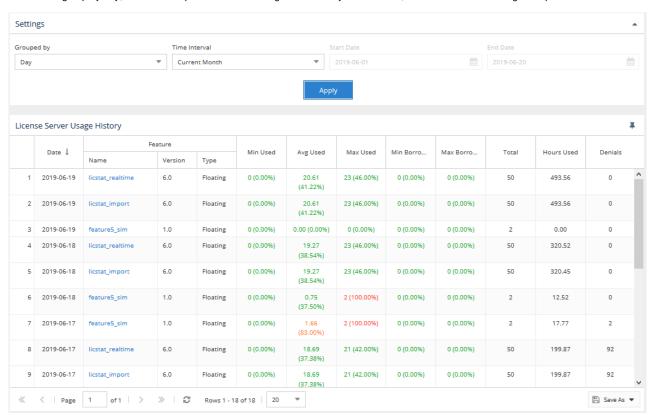
Grouped by setting

You can control how much detail is shown for license usage by setting the **Grouped by** option to:

- Month
- Week
- Day
- Hour

For example, when set to group information by Month, the report will limit the details to the total usage per feature for the month, as shown in the following example.

Settings

Grouped by	Time Interval	Start Date	End Date
Month ▾	Current Month ▾	2019-06-01 📅	2019-06-20 📅

Apply

License Server Usage History

	Date ↓	Feature			Min Used	Avg Used	Max Used	Min Borrow...	Max Borro...	Total	Hours Used	Denials
		Name	Version	Type								
1	2019-06	licstat_import	6.0	Floating	0 (0.00%)	19.15 (38.30%)	23 (46.00%)	0 (0.00%)	0 (0.00%)	50	1460.78	92
2	2019-06	licstat_realtime	6.0	Floating	0 (0.00%)	19.15 (38.30%)	23 (46.00%)	0 (0.00%)	0 (0.00%)	50	1460.84	92
3	2019-06	feature5_sim	1.0	Floating	0 (0.00%)	0.58 (29.00%)	2 (100.00%)	0 (0.00%)	0 (0.00%)	2	44.05	2

When set to group by day, details are expanded to show usage for each day in the month, as shown in the following example.

Settings

Grouped by	Time Interval	Start Date	End Date
Day ▾	Current Month ▾	2019-06-01 📅	2019-06-20 📅

Apply

License Server Usage History

	Date ↓	Feature			Min Used	Avg Used	Max Used	Min Borro...	Max Borro...	Total	Hours Used	Denials
		Name	Version	Type								
1	2019-06-19	licstat_realtime	6.0	Floating	0 (0.00%)	20.61 (41.22%)	23 (46.00%)	0 (0.00%)	0 (0.00%)	50	493.56	0
2	2019-06-19	licstat_import	6.0	Floating	0 (0.00%)	20.61 (41.22%)	23 (46.00%)	0 (0.00%)	0 (0.00%)	50	493.56	0
3	2019-06-19	feature5_sim	1.0	Floating	0 (0.00%)	0.00 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2	0.00	0
4	2019-06-18	licstat_realtime	6.0	Floating	0 (0.00%)	19.27 (38.54%)	23 (46.00%)	0 (0.00%)	0 (0.00%)	50	320.52	0
5	2019-06-18	licstat_import	6.0	Floating	0 (0.00%)	19.27 (38.54%)	23 (46.00%)	0 (0.00%)	0 (0.00%)	50	320.45	0
6	2019-06-18	feature5_sim	1.0	Floating	0 (0.00%)	0.75 (37.50%)	2 (100.00%)	0 (0.00%)	0 (0.00%)	2	12.52	0
7	2019-06-17	feature5_sim	1.0	Floating	0 (0.00%)	1.66 (83.00%)	2 (100.00%)	0 (0.00%)	0 (0.00%)	2	17.77	2
8	2019-06-17	licstat_realtime	6.0	Floating	0 (0.00%)	18.69 (37.38%)	21 (42.00%)	0 (0.00%)	0 (0.00%)	50	199.87	92
9	2019-06-17	licstat_import	6.0	Floating	0 (0.00%)	18.69 (37.38%)	21 (42.00%)	0 (0.00%)	0 (0.00%)	50	199.87	92

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Time Interval setting

The Time Interval options let you specify the time interval to include in the results. The time interval can be:

- Current or Last Year
- Current or Last Quarter
- Current or Last Month
- Current or Last Week
- Custom (which lets you enter a specific start and end date)

The examples above show usage for the current month.

Average usage calculation

The average usage (Avg Used column value) is computed differently depending on how the usage history data is grouped.

- When data is grouped by Day, the average usage is the weighted average of licenses used in particular day. For example, if you use 1 license for 8 minutes, then use 6 licenses for 2 minutes, the average usage is calculated as (1*8 + 6*2) / (2+8) = 2.
- When data is grouped by Week, the value displayed is the mathematical average of the weighted averages.