

Purchasing subscription licenses, or renewing license maintenance ?

The license utilization chart is a powerful tool for assessing the efficiency of license utilization in the organization. This is especially important for customers who are contemplating the purchase or renewal of subscription license (e.g. Autodesk subscription licenses) or renewing license maintenance.

Where is it ?

In order to view the license utilization of a specific feature or group of features:

1. Click the EasyAdmin 'Start' → 'Management' → "License Utilization" menu item.
2. Fill in the filter data (e.g. Feature name, Server name, etc)
3. Select the date range. Note that long date ranges provide improved statistical utilization data
4. Select whether to take weekends and off-hours data in consideration, and
5. Click 'Apply'

Available data

The emitted report encompasses data regarding:

- Aggregated usage presentation: A clear license utilization cut-off indicator
- Quality of Service (QoS): License efficiency indicator
- Detection of abnormal usage patterns: Where did these licenses go ?!

Some technical background is required here in order to explain the aforementioned bullets, so please excuse the following verbosity:

Presentation option 1: Show Aggregated

If the "Show aggregated" box is checked, the chart will present the aggregated percentage of usage, i.e. each point (x,y) answers the question: "What is the percentage of usage time (y) that AT LEAST a given number of licenses (x) have been in contemporary use.

Referring to the example below, for a total number of 12 licenses:

- At least 0 licenses have been in contemporary use 100 % of the time.
- At least 1 (1 or 2 or ... or 12) licenses have been in contemporary use 19 % of the time
- At least 2 (2 or 3 or ... or 12) licenses have been in contemporary use 17 % of the time
- ...
- At least 8 (8 or 9 or ... or 12) licenses have been in contemporary use 2.54 % of the time

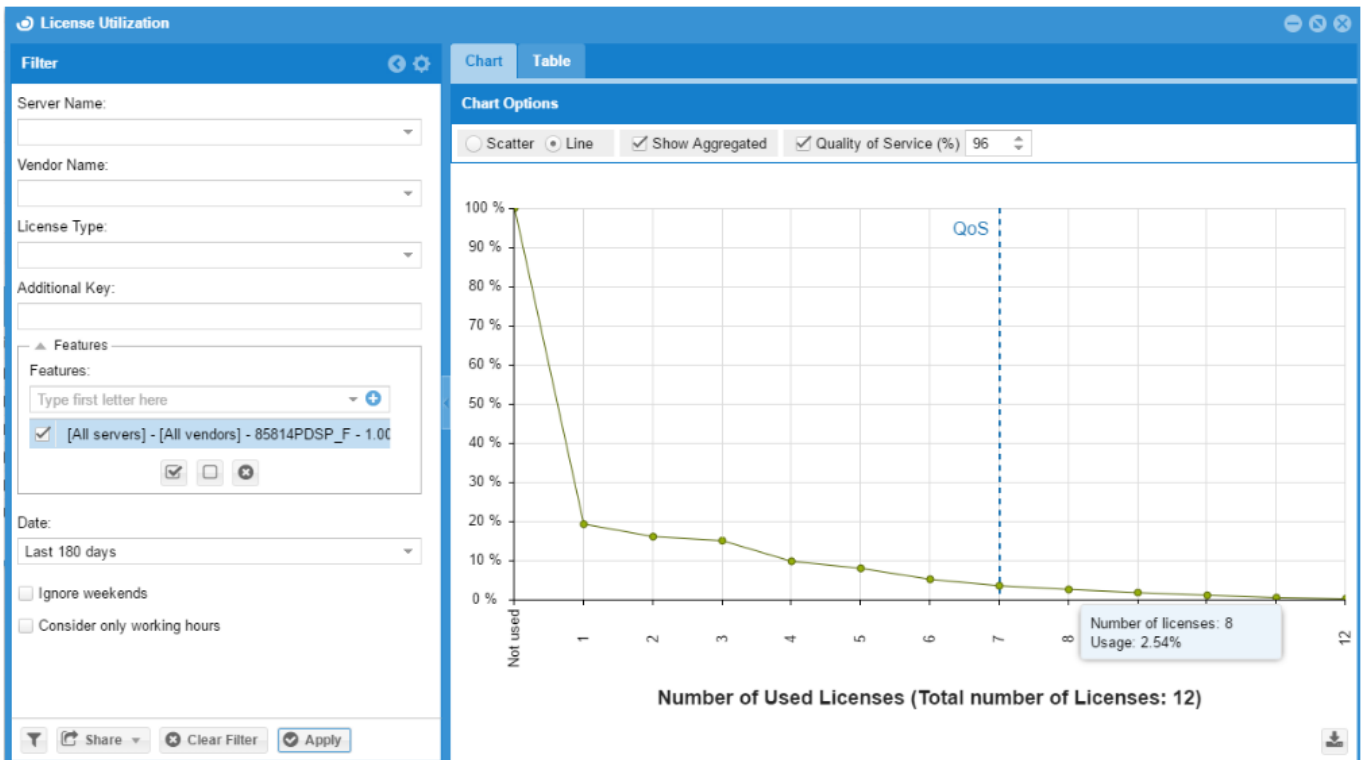


Figure 1: Aggregated usage

This form of presentation filters out temporary usage peaks, and provides insight on the actual number of licenses required to support the current level of activity.

Presentation option 2: No aggregation

If the “Show aggregated” box is NOT checked, the utilization chart will present a histogram of license usage. That means, in reference to the x & y chart axes, that each point (x,y) answers the question: “What is the percentage of usage time (y) that an EXACT number of licenses (x) have been in use contemporarily”.

Referring to the example depicted below:

- Exactly 0 licenses have been in contemporary use 81% of the time.
- Exactly 1 license has been in use 3% of the time
- Exactly 2 licenses have been in contemporary use 1% of the time
- Exactly 3 licenses have been in contemporary use 5.27% of the time ...

Note that this algorithm produces a non-monotonous function (e.g. the value for 3 contemporary licenses is higher than the value for 2 contemporary licenses).

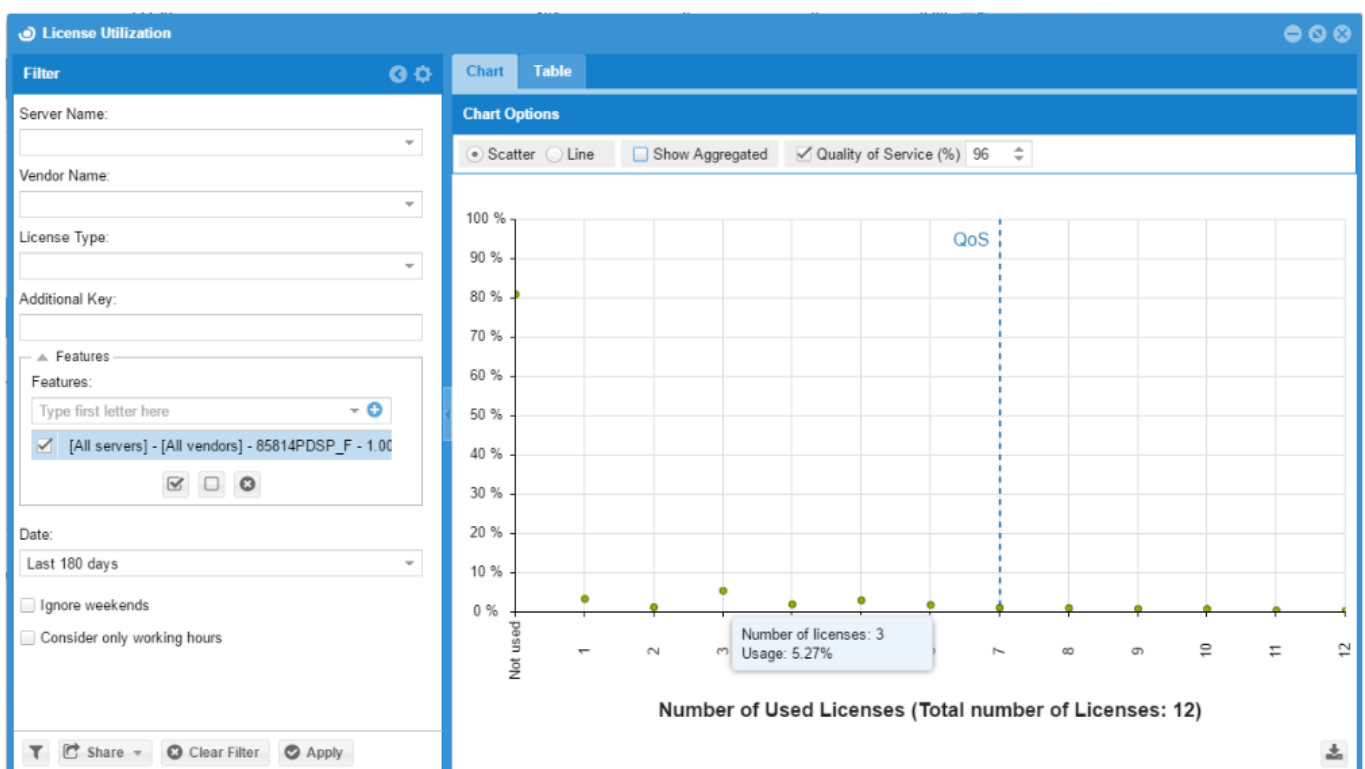


Figure 2: Non-aggregated usage

Extracting license efficiency information

As mentioned above, the emitted report encompasses data regarding:

1. Aggregated usage presentation: Clear license utilization cut-off

The aggregated presentation is of a monotonically decreasing function, which plainly presents the number of required licenses. Pertaining to the example presented in **figure 1**, there have never been 12 licenses in contemporary use within the past 180 days.

2. Quality of Service (QoS): license efficiency indicator

The Quality of Service (QoS) parameter is the percentage of configurable required license availability, as defined by the license administrator.

Consider the example presented in **figure 1**:

In order to support 96% of license requests, the organization would only need 7 licenses. Having procured 12 licenses means that the organization owns 5 redundant licenses.

This information is crucial when considering license subscription renewal, additional license procurement, or license maintenance renewal.

3. Detection of abnormal usage patterns:

By comparing the the two formats presented in figures 1 & 2 (w/wo the "Show Aggregated" check box), one could notice 'blips' in the utilization chart (e.g. for the value of 3 licenses). These 'blips' may indicate abnormal usage patterns, such as long forgotten active sessions, or offline ('borrowed') licenses.