

Feature Utilization History API



This page refers to functionality that has been removed from License Statistics. This information no longer applies to License Statistics v6.3 and newer.

The Feature Utilization endpoint delivers license usage metrics specific to [Utilization History](#), allowing you to monitor the percentage of license usage during any period that usage was tracked.

Obtaining information about utilization history

You can easily fetch metrics about the percentage of license usage over a given time period by sending the following HTTP request.

```
GET /api/v1/report/feature/${featureId}/utilization-history/${returnType}?sd=${YYYY-MM-DD}&ed=${YYYY-MM-DD}&st=${HH:MM}&et=${HH:MM}&incd=${true_or_false}(additional parameters, as needed)
```

where \$ indicates a variable value that you can replace with a value that best suits your needs. The possible parameters are described below.

Parameter	Required	Type	Description
\${featureId}	Yes	integer	Internal License Statistics identification of the feature for which you want to view utilization history.
\${returnType}	Yes	string	Standard format option. See Making an API request for details.
sd	Yes	date	Start date for which you want to generate the report.
ed	Yes	date	End date for which you want to generate the report. The date is inclusive, meaning that all data from a particular day will be included in the report.
st	Yes	time	Start time of the time window to be applied for each date in a range ("working hours").
et	Yes	time	End time of the time window to be applied for each date in a range ("working hours").
incd	No	boolean	Specifies how utilization value should be calculated; i.e., whether the downtime periods should be included. If true, the length of the entire range will be used as a denominator [(days between \${sd} and \${ed} inclusively)*(et-st)]. Otherwise, only uptime periods will be used. Defaults to false.
standard report options	No	various	See Making an API request for details.

Response

On success, report will contain one row for each **usage level** that occurred in specified time range. That is, if maximum usage for feature was 6, report will include 6 records: one for each number between 1 and 6.

Each row consists of the following columns.

Column	Full name	Type	Description	Visible by default in export
lc	Licenses In Use	integer	Usage level that other fields are referring to.	✔ Yes
lhu	Hours Used	float	Number of hours when at least \${lc} licenses were used.	✔ Yes
lutil	Utilization	float	Percentage share of time when at least \${lc} licenses were used in percent. Value of \${lhu} is numerator. Denominator value is affected by \${incd} value.	✔ Yes

Note that the order in the table is the default order of the columns in the exported file.

Example

The following example shows a command that lets you obtain statistics about utilization history for feature "3" over a specific time period, with users' working hours between 9:00 a.m. and 5:00 p.m.

```
curl --data "sd=2015-01-01" --data "ed=2015-01-02" --data "st=09:00" --data "et=17:00" -H "X-Auth-token: token" "http://yourdomain/api/v1/report/feature/3/utilization-history/json"
```