

Usage History API

The information on this page refers to License Statistics versions prior to v6.3. This information no longer applies to License Statistics v6.3 and newer.

The Usage History endpoint delivers license usage metrics specific to the [Usage History](#) report, allowing you to monitor statistics for license usage during any period that usage was tracked.

Obtaining information about usage history

You can easily fetch metrics about usage history by sending one of the the following HTTP requests.

Usage history for a single feature

```
GET /api/v1/report/feature/${featureId}/usage-history/${returnType}?sd=${YYYY-MM-DD}&ed=${YYYY-MM-DD}&granularity=${granularity}${additional parameters, as needed}
```

Usage history for a composite feature on license server group

```
GET /api/v1/report/feature-composite/${fcid}/usage-history/${returnType}?sd=${YYYY-MM-DD}&ed=${YYYY-MM-DD}&granularity=${granularity}${additional parameters, as needed}
```

Usage history comparison for features

```
GET /api/v1/report/feature-comparison/${ucompi}/report/${returnType}?sd=${YYYY-MM-DD}&ed=${YYYY-MM-DD}&granularity=${granularity}
```

Usage history for a license server

```
GET /api/v1/report/license-server/${lsid}/usage-history/${returnType}?sd=${YYYY-MM-DD}&ed=${YYYY-MM-DD}&granularity=${granularity}${additional parameters, as needed}
```

Usage history for a license server group

```
GET /api/v1/report/license-server-group/${lsgid}/usage-history/${returnType}?sd=${YYYY-MM-DD}&ed=${YYYY-MM-DD}&granularity=${granularity}${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 to show usage history for.
\${fcid}	Yes	integer	Internal License Statistics identification of the feature composite to show usage history for.
\${ucompi}	Yes	integer	Internal License Statistics identification of feature history comparison.
\${lsid}	Yes	integer	Internal License Statistics identification of the license server to show usage history for.
\${lsgid}	Yes	integer	Internal License Statistics identification of the license server group to show usage history for.
\${returnType}	Yes	string	Standard format option. See Making an API request for details.
sd	Yes	date	Start date for which the report will be generated.
ed	Yes	date	End date for which the report will be generated.
granularity	Yes	enumeration	Period type the result is aggregated for. See granularity descriptions for further details.
standard report options	No	various	See Making an API request for details.

Response

On success, this report will contain one row for **every feature and every period** in which the feature was monitored. Each row consists of the following columns.

Column	Full name	Type	Description	Visible by default in export
lud	Date	string	The time period. Format depends on granularity .	✔ Yes
fid	Feature Id	integer	Internal License Statistics identification of the feature	✖ No
fns	Feature Name	string	Feature name.	⚠ Visible for all, but feature
fv	Feature Version	string	Feature version.	⚠ Visible for all, but feature
ftype	Feature Type	enumeration	See feature type descriptions for details.	⚠ Visible for all, but feature
lumin	Min Used	integer	Minimal number of licenses of the feature used in the period.	✔ Yes
lua	Avg Used	float	Average number of licenses of the feature used in the period.	✔ Yes
lumax	Max Used	integer	Maximum number of licenses of the feature used in the period.	✔ Yes
lbmin	Min Borrowed	integer	Minimal number of licenses of the feature borrowed in the period.	✔ Yes
lbmax	Max Borrowed	integer	Maximum number of licenses of the feature borrowed in the period.	✔ Yes
ft	Total	integer	Total number of licenses of the feature available in period.	✔ Yes
hu	Hours Used	float	Cumulative time used by all licenses of the feature in the period, in hours.	✔ Yes
ldtc	Denials	integer	Number of denials of check out of a license of the feature in the period.	✔ Yes

Note that the order in the table is the default order of the columns in the exported file for the license server and license server group reports. For feature, feature composite and comparison default order is: fn, fns, fv, lud, lumin, lua, lumax, lbmin, lbmax, ft, hu, ldtc.