License usage metrics

Using the IBM License Metric Tool, you can generate license consumption reports that count IBM StoredIQ license usage.

IBM StoredIQ is licensed by Resource Value Unit (RVU). RVU calculation is based on terabytes IBM StoredIQ.

On the IBM StoredIQ application stack, a license program writes usage information to an IBM Software Licence Metric Tag (SLMT) file. This file has the extension .slmtag and can be read periodically by the IBM License Metric Tool (ILMT) after it has been configured to scan for these files. You can generate reports that summarize usage.

By default, the license program retrieves the size of the **All Data Objects** infoset in terabytes once per day and writes this information to the /var/siq/ilmt/3cd1469042433ee7010fe09f661dc67b.slmtag file. The .slmtag file can store information up to a maximum file size of 1 MB, after which the file is archived and a new log file is created. A maximum of 10 log files are kept.

The .slmtag file contains usage information in the following format, where new metric records are appended to the end of the file:

```
<SchemaVersion>2.1.1</SchemaVersion>
<SoftwareIdentity>
<PersistentId>cb98e260a2a14872902578de1b8e2016</PersistentId>
<Name>IBM StoredIQ Data Assessment</Name>
<InstanceId>/var/siq/ilmt</InstanceId>
</SoftwareIdentity>
<Metric logTime="2019-01-25T15:58:26+00:00">
<Type>TERABYTE</Type>
<SubType>All Data Objects</SubType>
<Value>0.005</Value>
<Period>
<StartTime>2019-01-25T15:58:26+00:00</StartTime>
<EndTime>2019-01-25T15:58:26+00:00</EndTime>
</Period>
</Metric>
```

Integration with IBM License Metric Tool

Versions of IBM License Metric Tool (ILMT) that support IBM Software License Metric Tag (SLMT) can generate license consumption reports. An ILMT agent can scan in configurable intervals the file system for .slmtag files, collect information, and send it to the corresponding ILMT server. ILMT reports the number of terabytes managed by IBM StoredIQ. This number is to be used as input for the RVU License Conversion Table specified in the license information (li_languagecode file) that comes with IBM StoredIQ. On the application stack, you can find the license information in the License directory.

For more information about using IBM License Metric Tool, see the IBM License Metric Tool documentation.