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GVP Web Services API

Service Quality Latency Summary

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Service Quality Latency Summary

This report provides a current summary for latencies of the MCP components. Each report contains a [manifest section](#).

Web Service Endpoint

This report is available at the web service endpoint `/ems-rs/sqa/latency/summary`.

Input Parameters

This report accepts the following Request URI parameters:

Parameter	Description
comp-id	This describes the target components. This may be specified zero or more times. If specified, the report will contain latency data only for the specified set of comp-id's. If no comp-id is specified, the report will contain arrival data for all the MCP components in the system.

Output Format

In the report's body, for each MCP component, the report contains that component's latency information for this hour, today, this week, and this month, for the Service Quality categories. It conforms to the RelaxNG schema `SQALatencySummary.rng`. [Download the GVP RNG Schemas](#) An example report body for this report is as follows:

```
<current-component-sqa>
  <current-latencies>
    <component href="/components/1" type="MCP"/>
      <latencies period="HOUR">
        <category name="RESPONSE" measured="84" types="6" acceptable="5" avg="6353.2857"
min="110" max="23961" std-dev="10153.696"/>
        <category name="FETCHING" measured="126" types="5" acceptable="5" avg="123.7619"
min="8" max="3040" std-dev="516.1381"/>
        <category name="CALL_CONTROL" measured="30" types="2" acceptable="2" avg="324.2"
min="50" max="2059" std-dev="660.2041"/>
        <category name="PROMPT" measured="86" types="4" acceptable="4" avg="1947.3953"
min="13" max="17855" std-dev="4431.3008"/>
        <category name="MRCP" measured="212" types="17" acceptable="17" avg="58.0943" min="1"
max="1083" std-dev="116.4878"/>
        <category name="EXECUTION" measured="188" types="2" acceptable="2" avg="6.3191"
min="0" max="20" std-dev="5.4774"/>
      </latencies>
    </component>
  </current-latencies>
</current-component-sqa>
```

```
</latencies>
<latencies period="DAY">
  <category name="RESPONSE" measured="84" types="6" acceptable="5" avg="6353.2857"
min="110" max="23961" std-dev="10153.696"/>
  <category name="FETCHING" measured="126" types="5" acceptable="5" avg="123.7619"
min="8" max="3040" std-dev="516.1381"/>
  <category name="CALL_CONTROL" measured="30" types="2" acceptable="2" avg="324.2"
min="50" max="2059" std-dev="660.2041"/>
  <category name="PROMPT" measured="86" types="4" acceptable="4" avg="1947.3953"
min="13" max="17855" std-dev="4431.3008"/>
  <category name="MRCP" measured="212" types="17" acceptable="17" avg="58.0943" min="1"
max="1083" std-dev="116.4878"/>
</latencies>
<latencies period="WEEK">
  <category name="RESPONSE" measured="84" types="6" acceptable="5" avg="6353.2857"
min="110" max="23961" std-dev="10153.696"/>
  <category name="FETCHING" measured="126" types="5" acceptable="5" avg="123.7619"
min="8" max="3040" std-dev="516.1381"/>
  <category name="CALL_CONTROL" measured="30" types="2" acceptable="2" avg="324.2"
min="50" max="2059" std-dev="660.2041"/>
  <category name="PROMPT" measured="86" types="4" acceptable="4" avg="1947.3953"
min="13" max="17855" std-dev="4431.3008"/>
  <category name="MRCP" measured="212" types="17" acceptable="17" avg="58.0943" min="1"
max="1083" std-dev="116.4878"/>
</latencies>
<latencies period="MONTH">
  <category name="RESPONSE" measured="84" types="6" acceptable="5" avg="6353.2857"
min="110" max="23961" std-dev="10153.696"/>
  <category name="FETCHING" measured="126" types="5" acceptable="5" avg="123.7619"
min="8" max="3040" std-dev="516.1381"/>
  <category name="CALL_CONTROL" measured="30" types="2" acceptable="2" avg="324.2"
min="50" max="2059" std-dev="660.2041"/>
  <category name="PROMPT" measured="86" types="4" acceptable="4" avg="1947.3953"
min="13" max="17855" std-dev="4431.3008"/>
  <category name="MRCP" measured="212" types="17" acceptable="17" avg="58.0943" min="1"
max="1083" std-dev="116.4878"/>
</latencies>
</current-latencies>
<current-latencies> ... </current-latencies>
</current-component-sqa>
```