

Spring Professional Exam Tutorial v5.0

Question 30

Question 30 - What is metrics for?

Spring Actuator provides `metrics` endpoint which can be used to examine metrics collected by the application during runtime.

`metrics` endpoint allows you to view information about specific metric by visiting metric dedicated URI, for example `/actuator/metrics/process.cpu.usage`

`metrics` endpoint allows you to drill down information further by usage of available tags, for example `/actuator/metrics/jvm.memory.used?tag=area:heap`

`metrics` endpoint allows you to view many out-of-the box defined metrics:

- ▶ CPU Usage, CPU Core Count
- ▶ Memory Usage, Max Memory Available
- ▶ Threads Info
- ▶ Garbage Collector Statistics
- ▶ HTTP Requests Info
- ▶ Embedded Tomcat Related Metrics
- ▶ ... (many more, also you can define custom metrics)

`metrics` endpoint is not exposed via Web by default, to have it available, you need to add following entry to `application.properties`:

```
management.endpoints.web.exposure.include=metrics
```

