

Spring Professional Exam Tutorial v5.0

Question 25

Question 25 - What are the two protocols you can use to access actuator endpoints?

Spring Boot Actuator supports two protocols:

- ▶ HTTP
- ▶ JMX

HTTP endpoints can be accessed by any HTTP Client, like CURL or Web Browser, by default following are enabled:

- ▶ `/actuator/info`
- ▶ `/actuator/health`

JMX allows you to access Actuator MBeans under `org.springframework.boot` group. You can access it with any tool that supports JMX protocol. One of the tool that you can use is JConsole which comes with JDK. You can access JMX:

- ▶ Locally by PID (enabled by default since Java SE 6)
- ▶ Remotely via Socket after enabling it with following Java VM flags (below example setup is simple but unsecure, do not use in production):

```
-Dcom.sun.management.jmxremote.local.only=false  
-Dcom.sun.management.jmxremote.port=9010  
-Dcom.sun.management.jmxremote.authenticate=false  
-Dcom.sun.management.jmxremote.ssl=false
```

