

Spring Professional Exam Tutorial v5.0

Question 28

Question 28 - How do you change logging level of a package using loggers endpoint?

Spring Actuator allows you to list currently configured loggers with their levels in following ways:

- ▶ via HTTP by visiting `/actuator/loggers` endpoint
- ▶ via JMX by executing
`org.springframework.boot/Endpoint/Loggers/Operations/loggers`

`loggers` endpoint is exposed by default via JMX, to use it via HTTP you need to expose it by setting following property in `application.properties`:

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

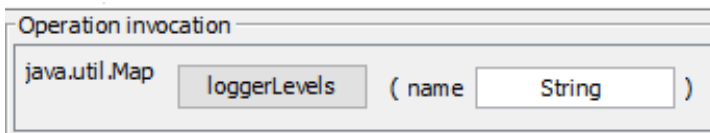
Question 28 - How do you change logging level of a package using loggers endpoint?

You can also view logging level for individual logger:

- ▶ **via HTTP by visiting** `/actuator/loggers/${LOGGER_NAME}`, for example:
`/actuator/loggers/com.app.question28`

```
▼ {  
  "configuredLevel": null,  
  "effectiveLevel": "INFO"  
}
```

- ▶ **via JMX by executing**
`org.springframework.boot/Endpoint/Loggers/Operations/loggerLevels`
with provided name parameter



Question 28 - How do you change logging level of a package using loggers endpoint?

You can change logging level for package by:

- ▶ HTTP **via** POST **to** `/actuator/loggers/${LOGGER_NAME}`

```
curl -i -X POST -H 'Content-Type: application/json' -d '{"configuredLevel": "TRACE"}' \
  http://localhost:8080/actuator/loggers/com.app.question28
```

- ▶ JMX **via** `org.springframework.boot/Endpoint/Loggers/Operations/configureLogLevel` **with** `name` and `configuredLevel` parameters set

Operation invocation

java.util.Map	<input type="text" value="configureLogLevel"/>	(name <input)<="" ,="" <input="" configuredlevel="" td="" type="text" value="DEBUG"/>
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