

Section 6: Spring Boot Actuator in Depth

Now that you are done with the videos of section 6, let's assess your learning. Here, are a few questions, followed by 4 options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1. Is the actuator only for informational purposes?

- a) Yes, there are only read operations
- b) No, you can update values using actuator mechanisms
- c) No, you can create a regular controller and inject the updatable beans there and update them

Q2. When is an effectiveLevel of a logger null in the loggers endpoint?

- a) The effective level is never null
- b) It is null when there is no dedicated level set for this logger and the value is inherited
- c) It is null when the configuredLevel is null as well

Q3. If you don't provide a prefix to a gauge metric, what type is it?

- a) It is a gauge with the last written datapoint
- b) It's a histogram with the distribution data
- c) It's a timer data with the histogram and some timed data

Q4. What is the system health status when a health check has an unknown state?

- a) UP
- b) DOWN
- c) UNKNOWN
- d) CUSTOM
- e) OUT_OF_SERVICE
- f) ERROR

Q5. You want to create a sub-node below the top node in the info report using your InfoContributor, how do you do that?

- a) `builder.withDetail("top.sub","value");`
- b) `builder.withDetail("top{sub}","value");`
- c) `builder.withDetail("top", valueClass);` where `valueClass` has a field named `sub` with the data `"value"`
- d) `builder.withDetail("top", valueMap);` where `valueMap` has a field named `sub` with the data `"value"`

Q6. Given that you want to create a POST mapping for your actuator endpoint, what type of spring bean do you need for that?

- a) `RestController`
- b) `Controller`
- c) `Component`