VMware

EDU-1202

Spring Certified Professional 2022

QUESTION & ANSWERS

Question: 1

Domain: Boot Actuator
What will be the correct syntax to be used in .properties file to enable the shutdown endpoint

- A. endpoint.shutdown.enable=true
- B. management.endpoint.shutdown.enabled=true right
- C. management.endpoint.enabled.shutdown=true
- D. endpoint.shutdown.disabled=false

Answer: B

Explanation/Reference:

Option A is incorrect, because the syntax for enabling endpoint used in .properties file is
management.endpoint.<id>.enabled=true
Option B is correct, because the syntax for enabling endpoint used in .properties file is
management.endpoint.<id>.enabled=true and
using it with replacing <id> with shutdown will enable this endpoint.
Option C is incorrect, because the syntax for enabling endpoint used in .properties file is
management.endpoint.<id>.enabled=true
Option D is incorrect, because the syntax for enabling endpoint used in .properties file is
management.endpoint.<id>.enabled=true
https://docs.spring.io/spring-boot/docs/current/reference/html/production-ready-features.html
https://docs.spring.io/spring-boot/docs/current/actuator-api/htmlsingle/

Question: 2

Domain: Boot Testing
Is the following statement correct?
@WebMvcTest annotation will create an ApplicationContext that contains web components and all their
dependencies.

- A. True
- B. False

Answer: B

Explanation/Reference:

Option A is incorrect, because @WebMvcTest will create an ApplicationContext that contains only web components,
other
components needed should be mocked and injected.
Option B is correct, because @WebMvcTest will not create an ApplicationContext that contains web components
and all their
dependencies. Rather it will create an ApplicationContext that contains only web components, other components
needed should be

mocked and injected.
https://docs.spring.io/spring-
boot/docs/current/api/org/springframework/boot/test/autoconfigure/web/servlet/WebMvcTest.html
https://spring.io/guides/gs/testing-web/

Question: 3

Domain: Boot Autoconfig
Which of the following annotations applied separately enables auto-configuration? Select all that apply

- A. @SpringBootApplication
- B. @ContextConfiguration
- C. @EnableAutoConfiguration
- D. @ComponentScan

Answer: A,C

Explanation/Reference:

ption A is correct, because @SpringBootApplication is composed by three annotations - @Configuration,
@EnableAutoConfiguration and @@ComponentScan and the @EnableAutoConfiguration is responsible for
enabling autoconfiguration in Spring Boot.
Option B is incorrect, because @ContextConfiguration defines class-level metadata that is used to determine how to load and
configure an ApplicationContext for integration tests.
Option C is correct, because @EnableAutoConfiguration enables auto-configuration of the Spring Application Context, attempting to
guess and configure beans that you are likely to need.
Option D is incorrect, because @ComponentScan configures component scanning directives for use with
@Configuration classes.
https://docs.spring.io/spring-framework/docs/current/javadoc-
api/org/springframework/test/context/ContextConfiguration.html
https://docs.spring.io/spring-
boot/docs/current/api/org/springframework/boot/autoconfigure/EnableAutoConfiguration.html
https://docs.spring.io/spring-
boot/docs/current/api/org/springframework/boot/autoconfigure/SpringBootApplication.html
https://docs.spring.io/spring-framework/docs/current/javadoc-
api/org/springframework/context/annotation/ComponentScan.html

Question: 4

Domain: MVC
Which of the following statemenets are correct regarding @RequestMapping annotation? Select all that apply

- A. It can be used on classes annotated with @Controller
- B.   @RequestMapping will only map to GET requests unless explicitly specified different.
- C.   It have attribute "method" which can be used to customize requests methods that this method will map to.

D. We can specify the request parameters for the method using the attribute "requestParams"

Explanation/Reference:

Option A is correct, because @ReqestMapping can be used both at the class and at the method level. Used on classes annotated with
@Controller all methods in that class annotated with @RequestMapping or any of its specializations would be using relative paths,
meaning that the value provided in the @RequestMapping annotation will be used as a prefix for the URI of every request.
Option B is incorrect, because @RequestMapping maps to all Http methods unless specified different in its "method" attribute.
Option C is correct, because @RequestMapping has a "method" attribute which takes an array of type RequestMethod, to specify to
which Http methods this method will map
Option D is incorrect, because we can specify the request parameters for the method using the attribute "params", not
"requestParams".
https://docs.spring.io/spring-framework/docs/current/javadoc-
api/org/springframework/web/bind/annotation/RequestMapping.html

Question: 5

Domain: Boot Testing
Which of the following statements are correct, regarding @SpringBootTest annotation? Select all that apply

A. It contains @ExtendWith(SpringExtension.class)
B. It contains @RunWith(SpringRunner.class)
C. It enables Spring Boot specific features on top of Spring Test
D. It's used on test methods

Explanation/Reference:

Option A is correct, because @SpringBootTest is meta-annotated with @ExtendWith(SpringExtension.class)
Option B is incorrect, because @SpringBootTest is not meta-annotated with @RunWith(SpringRunner.class)
Option C is correct, because @SpringBootTest enables Spring Boot specific features on top of Spring Test
Option D is incorrect, because @SpringBootTest is a class level annotation
https://docs.spring.io/spring-boot/docs/current/api/org/springframework/boot/test/context/SpringBootTest.html
https://spring.io/guides/gs/testing-web/

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