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Detailed Performance Analysis (click to toggle)

Q. No.	Question
1	The request has
2	Where do you es
3	Given the code
4	You want to wr
5	JpaRepository
6	The DispatcherSe
7	@Controller is
8	Which statements a
9	Which of the fo
10	When Spring (M

Q.

The request has already reached the DispatcherServlet. Given the snippet from the xml file, which component will handle the request next?

```
<beans>
  <!-- basicspringController implements Controller -->
  <bean id="basicspringController" class="training.web.spring.BasicSpringController" >
    <!-- some properties -->
  </bean>
  <bean id="beanMapping" class="org.springframework.web.servlet.handler.BeanUrlHan
andlerMapping">
    <!-- some properties -->
  </bean>
  <bean id="viewResolver" class="org.springframework.web.servlet.view.InternalReso
urceViewResolver">
    <!-- some properties -->
  </bean>
  <bean id="messageSource" class="org.springframework.context.support.ResourceB
undleMessageSource">
    <!-- some properties -->
  </bean>
</beans>
```

1). basicspringController

2). **beanMapping**

3). viewResolver

4). messageSource

Solution :

option [2] is correct

Evaluation Pending Not Attempted

Solution	Time(mm:ss)
Solution	00:02
Solution	00:02
Solution	00:01
Solution	00:01
Solution	00:02
Solution	00:06
Solution	00:05
Solution	00:03
Solution	00:02
Solution	00:14

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Detailed Performance Analysis (click to toggle)

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Q. Where do you expect to find the servlet specific Spring config to the "example" servlet in the web.xml below?

```
<servlet>
  <servlet-name>example</servlet-name>
  <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
  <load-on-startup>1</load-on-startup>
</servlet>
```

1). /WEB-INF/example-servlet.xml

2). /WEB-INF/servlet-config.xml

3). /WEB-INF/default-config.xml

4). /WEB-INF/example-servlet-config.xml

Solution :

option [1] is correct

Attempted :

option [1] is attempted

Close

Evaluation Pending ⚠️ Not Attempted ⚠️

Solution	Time(mm:ss)
Solution	00:02
Solution	00:02
Solution	00:01
Solution	00:01
Solution	00:02
Solution	00:06
Solution	00:05
Solution	00:03
Solution	00:02
Solution	00:14

Q. No.

Question

1

The request has

2

Where do you expect

3

Given the code

4

You want to write

5

JpaRepository

6

The DispatcherServlet

7

@Controller is

8

Which statements are

9

Which of the following

10

When Spring (MVC) is

S1 - Day 4

Multiple

Intermediate

Concept

✖

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The screenshot shows the Capgemini iCompass web application. A modal titled "Detailed Performance Analysis (click to toggle)" is open, displaying a Java code snippet and a question. The code snippet is as follows:

```
Q. Given the code snippet below:
@Controller
public class MyClass {
    public ModelAndView _____(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        String now = new java.util.Date().toString();
        return new ModelAndView("hello","now",now);
    }
}
```

What should be the method name?

The options are:

- 1). **controlRequest**
- 2). handle
- 3). only handleRequest
- 4). **any user defined method**

The solution provided is: **Solution :** option [4] is correct

The attempted answer is: **Attempted :** option [1] is attempted

The background shows a table of questions and solutions:

Q. No.	Question	Solution	Time(mm:ss)
1	The request has	Solution	00:02
2	Where do you ex	Solution	00:02
3	Given the code	Solution	00:01
4	You want to writ	Solution	00:01
5	JpaRepository	Solution	00:02
6	The DispatcherSe	Solution	00:06
7	@Controller is	Solution	00:05
8	Which statements	Solution	00:03
9	Which of the fo	Solution	00:02
10	When Spring (M	Solution	00:14

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Detailed Performance Analysis (click to toggle)

Q. No.

Question

1

The request has

2

Where do you es

3

Given the code

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5

JpaRepository

6

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7

@Controller is

8

Which statements a

9

Which of the fo

10

When Spring (M

Q.

You want to write a JPA Entity class to model a databank table named COOPERATE_USER. Each user is uniquely identified in this table by his or her social security number SSN. Along with SSN the system keeps username, job, address and birth date.

How to declare such JPA Entity class?

Please choose all the answers that apply:

1). Write a CooperateUser public class

2). Annotate the CooperateUser class with @Table(name=" COOPERATE_USER")

3). Annotate the CooperateUser class with @Entity

4). The CooperateUser class must implement Serializable

5). Define private attributes ssn, job, name, address and birthdate

Solution :

option [1,2,3,4] are correct

Attempted :

option [3] is attempted

Close

Evaluation Pending

Not Attempted

Solution

Time(mm:ss)

Solution

00:02

Solution

00:02

Solution

00:01

Solution

00:01

Solution

00:02

Solution

00:06

Solution

00:05

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Solution

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Solution

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Detailed Performance Analysis (click to toggle)

Q. JpaRepository is a child interface of following?

1). CrudRepository<T,ID>,
2). PagingAndSortingRepository<T,ID>,
3). QueryByExampleExecutor<T>,
4). **Repository<T,ID>**
5). **all of the above.**

Solution :
option [4] is correct

Attempted :
option [5] is attempted

Close

Evaluation Pending ⚠ Not Attempted

Q. No.	Question	Solution	Time(mm:ss)
1	The request has	Solution	00:02
2	Where do you es	Solution	00:02
3	Given the code	Solution	00:01
4	You want to wr	Solution	00:01
5	JpaRepository	Solution	00:02
6	The DispatcherSe	Solution	00:06
7	@Controller is	Solution	00:05
8	Which statements about&nb	S1 - Day 4 Single Intermediate Concept	00:03
9	Which of the followi	S1 - Day 4 Multiple Intermediate Concept	00:02
10	When Spring (MVC) is	S1 - Day 4 Multiple Intermediate Concept	00:14

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Detailed Performance Analysis (click to toggle)

Q. @Controller is a specialization of the @Component annotation.

1). TRUE
2). FALSE

Solution :
option [1] is correct

Attempted :
option [1] is attempted

Close

Evaluation Pending ⚠ Not Attempted

Q. No.	Question	Solution	Time(mm:ss)
1	The request has	Solution	00:02
2	Where do you es	Solution	00:02
3	Given the code	Solution	00:01
4	You want to wr	Solution	00:01
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10	When Spring (MVC) is	Solution	00:14

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Detailed Performance Analysis (click to toggle)

1

Q. Which statements about DispatcherServlet are true?

1). It's a Model part of the MVC pattern implemented in Spring MVC.

2). It's a View part of the MVC pattern implemented in Spring MVC.

3). It's a Controller part of the MVC pattern implemented in Spring MVC.

4). It's an example of the Intercepting Filter pattern implementation.

Solution :

option [3] is correct

Attempted :

option [1] is attempted

Close

Evaluation Pending ⚠ Not Attempted

Q. No.	Question	Solution	Time(mm:ss)
1	The request ha	Solution	00:02
2	Where do you es	Solution	00:02
3	Given the code	Solution	00:01
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9	Which of the followi	Solution	00:02
10	When Spring (MVC) is	Solution	00:14

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Detailed Performance Analysis (click to toggle)

1

Q. Which of the following correctly describe the modules of the Spring architecture?

Evaluation Pending

Not Attempted

Q. No.	Question	Solution	Time(mm:ss)
1	The request ha	Solution	00:02
2	Where do you es	Solution	00:02
3	Given the code	Solution	00:01
4	You want to wr	Solution	00:01
5	JpaRepository	Solution	00:02
6	The DispatcherS	Solution	00:06
7	@Controller is	Solution	00:05
8	Which statements a	Solution	00:03
9	Which of the fo	Solution	00:02
10	When Spring (M	Solution	00:14

1) . The Context module provides a Web-based framework for integrating Spring's IoC and DI containers through the J2EE Servlet API

2) . The Web module provide transaction management for data access business logic, utilizing AOP to inject transaction logic into domain functionality

3) . The Inversion of Control(IoC) and dependency Injection (DI) contains , as well as fundamental parts of the Spring framework, are provided by the core and Beans modules.

4) . The transaction modules provides and AOP framework to utilize proxies to transparently inject any desired business logic into domain functionality.

5) . . The Aspect-Oriented Programming(AOP) modules builds on the Core and Business modules to provide the ApplicationContext infrastructure, allowing access to object in a framework style

Solution :
option [2,3,4] are correct

Attempted :
option [1,3] are attempted

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Detailed Performance Analysis (click to toggle)

Q. When Spring (MVC) is used in a web-aware way 3 additional scopes become available to bind beans to, these are?

1). request

2). singleton

3). session

4). prototype

5). global-session

Solution :

option [1,3,5] are correct

Attempted :

option [2,4,5] are attempted

Close

Evaluation PendingNot Attempted

Q. No.	Question	Solution	Time(mm:ss)
1	The request has	Solution	00:02
2	Where do you es	Solution	00:02
3	Given the code	Solution	00:01
4	You want to wr	Solution	00:01
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8	Which statements a	Solution	00:03
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10	When Spring (MVC) is	Solution	00:14

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