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Java Platform, Enterprise Edition 6 Web
Services Developer Certified Expert Exam

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Note: The answer is for reference only, you need to understand all question.

QUESTION 1

An airline built and deployed a back-end application to manage reservations. To support interoperability with as large a base of standalone client applications as possible, the services provided by this back-end application are exposed as XML-based restful web services. Management just added a new requirement that AJAX-based web application clients be supported, too. One of the developers suggested that it is enough to extend the existing application to support both XML-based and JSON-based restful web services. Assuming the developer is correct, choose the sentence that best describes an attempt to introduce this ability as this developer suggests (Choose one):

- A. The attempt will fail, because JAX-RS does not support both XML- and JSON- based restful services in parallel.
- B. The attempt will be trivial to implement, since JAX-RS just needs for the application to specify that both XML- and JSON-based interaction will be supported.
- C. The attempt can succeed, but it will require a significant amount of new code, since JAX-RS does support both XML- and JSON-based interaction - but not single resource can support both kinds of interaction simultaneously.
- D. The attempt will fail, because there is more to the difference between XML-based and JSON- based interactions than just the data representation used.

Answer: B

QUESTION 2

A company is refactoring an existing website to use Web services clients. The application retrieves lists of parts and displays them to the users in a browser window. Previously, the data was stored as files on the web server and, in order to access the files, the user would simply click on a hyperlink. Now the data must be dynamically generated via a service that another developer has created. They want the easiest way to refactor their website to use Web services. Which three client-side technologies should they use? (Choose three.)

- A. SOAP
- B. REST
- C. Javascript
- D. XML
- E. JSON
- F. JAVA

Answer: BCE

QUESTION 3

In the code fragment below, the client will use os to upload data to the web service provider.

```
URL url = new URL(urlString);
URLConnection connection =
    (URLConnection) url.openConnection();
connection.setRequestMethod( "POST" );
// statement missing?
connection.setDoInput(true);
connection.connect();
OutputStream os = connection.getOutputStream();
```

Choose the statement that must be placed in line 5, to ensure this fragment works as intended.
(Choose one)

- A. connection.setDoOutput(true);
- B. connection.setAllowUserInteraction(true);
- C. connection.setIfModifiedSince(new Date().getTime());
- D. connection.setUseCaches(false);

Answer: A

QUESTION 4

Given the resource class fragment:

```
@Path("/resource")
class Resource {
    @Path("/id") @POST
    String update(...) { ... }
    @Path("/id") @GET
    String getId() { ... }
```

And given the web.xml fragment:

```
<servlet>
  <servlet-name>Jersey</servlet-name>
  <servlet-class>
    com.sun.jersey.spi.container.servlet.ServletContainer
  </servlet-class>
  ...
</servlet>
<servlet-mapping>
  <servlet-name>Jersey</servlet-name>
  <url-pattern>/rest</url-pattern>
</servlet-mapping>
```

Choose the code fragment below that would secure access only to the Resource update() method (Choose one):

- A. <security-constraint>
 <web-resource-collection>
 <url-pattern>/rest</url-pattern>
 <http-method>GET</http-method>
 <http-method>POST</http-method>
 </web-resource-collection>
- B. <security-constraint>
 <web-resource-collection>
 <url-pattern>/rest</url-pattern>
 <http-method>POST</http-method>
 </web-resource-collection>
- C. <security-constraint>
 <web-resource-collection>
 <url-pattern>/rest/id</url-pattern>
 <http-method>POST</http-method>
 <http-method>GET</http-method>
 </web-resource-collection>
- D. <security-constraint>D.<security-constraint>
 <web-resource-collection>
 <url-pattern>/id</url-pattern>
 <http-method>POST</http-method>
 </web-resource-collection>

Answer: B

QUESTION 5

An organization has business logic implemented in EJB components. Current clients use container-managed, role-based security to access the business logic using RMI. Management has determined that the business logic must be made available to non-RMI clients using a Web service. Which container-managed Web service security mechanism would the development team use to allow Web service clients to use the current security model? (Choose one)

- A. XKMS
- B. XACML
- C. XML Digital Signature
- D. HTTP Basic Authentication
- E. annotations mapped to the JAX-WS runtime

Answer: D