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QUESTION 1

Which two statements are true about creating a Web service with JAX-WS? (Choose two.)

- A. Stateless Web services must be created with HTTP servlet endpoints.
- B. Creating the portable artifacts by hand is slow, but makes a service easier to maintain.
- C. All Java-based endpoints share a common packaging model.
- D. EJBs can serve as endpoints if hosted in a container with runtime and service support.
- E. JAX-WS supports creating services from source and compiled code without a WSDL.

Correct Answer: DE

QUESTION 2

A developer new to Web services is researching how a client can connect to a service. It is clear that some models provide better abstraction while others offer more power when working with messages. What is the correct reason to choose the Dispatch interface?

- A. Dispatch is a high-level API that helps hide the complexity of XML.
- B. REST services can be consumed with the Dispatch API and XML/HTTP bindings.
- C. The Dispatch interface supports the use JAXP to bind data.
- D. The Dispatch interface is represented internally as a SOAP message.

Correct Answer: B

QUESTION 3

A developer is analyzing an existing Web service with performance problems. The analysis reveals the service employs SOAP over HTTP. When the size of the encoded binary files grew with changing business requirements, the service slowed. What are two effective solutions for this problem? (Choose two.)

- A. Separating the XML and binary content with WS-Filtering implemented in WSIT will improve efficiency.
- B. XML documents larger than 1 KB with binary encoding should be optimized.
- C. WS-Addressing can ease congestion by routing messages over other protocols.
- D. For existing services, the most effective solution is to increase the available bandwidth.
- E. MTOM can reduce both processing and bandwidth required by SOAP with attachments.

Correct Answer: BE

QUESTION 4

Which two statements are true about digital signatures applied to an XML document? (Choose two.)

- A. The receiver verifies that the message matches the digital signature using its own private key.
- B. The receiver can use an XML Digital Signature for non-repudiation of unsigned data.
- C. The sender creates a digital signature using its own private key and sends that signature along with the original document.
- D. The sender creates a digital signature using its own public key and sends that signature along with the original document.
- E. The receiver verifies that the message matches the digital signature using the sender's public key.

Correct Answer: CE

QUESTION 5

A developer is migrating all of a company's JAX-RPC services into JAX-WS. Which two statements are true? (Choose two.)

- A. JAX-WS is essentially JAX-RPC 2.0, and is backwards compatible with JAX-RPC services.
- B. Deployment descriptors from JAX-RPC can be used under JAX-WS.
- C. Deployment descriptors are no longer required.
- D. `javax.xml.ws.Service` is a server-side API.
- E. `javax.xml.ws.Service` is a client API.
- F. `sun-jaxws.xml` is the standard Java EE deployment descriptor.

Correct Answer: CE

QUESTION 6

Enterprise A invokes a Web service provided by enterprise B with some parameters, and receives a response. A developer is making this interaction asynchronous so that A does not have to wait for B to finish processing. Which two actions must be taken to fulfill this requirement? (Choose two.)

- A. establish a Web service endpoint for enterprise A to receive the response
- B. partition the endpoint implementation into interaction and processing layers so responses can be received independently
- C. convert all Web service methods to use XML documents as parameters and return values
- D. embed a correlation identifier in the request so that enterprise B can associate the response with it
- E. read messages from a queue populated by enterprise B at peak hours when response times are too slow

Correct Answer: AD

QUESTION 7

Which three techniques can be used to apply XML Digital Signatures to an XML document? (Choose three.)

- A. use detached signatures, where the digital signature covers sibling elements or external data
- B. use enveloping signatures, where the digital signature element encloses the data to be signed
- C. use enveloping signatures, where the digital signature is a child element of the data to be signed
- D. use enveloped signatures, where the digital signature is a child element of the data to be signed
- E. use enveloping signatures, where the digital signature element is a child element of the data to be signed

Correct Answer: ABD

QUESTION 8

According to the WS-I Basic Profile 1.1, which two statements are true about the targetNamespace attribute for xsd:schema elements that are children of WSDL 1.1 type element? (Choose two.)

- A. Its value must be valid unless it has xsd:import, xsd:annotation, or both as its only child elements.
- B. Its value must be empty unless it has xsd:import, xsd:annotation, or both as its only child elements.
- C. It should have same the value as the namespace attribute on the wsdl:import element in a document being imported.
- D. It must have same the value as the namespace attribute on the wsdl:import element in a document being imported.

Correct Answer: AD

QUESTION 9

Which three security technologies are included in WS-Security? (Choose three.)

- A. security pattern injection
- B. encryption
- C. single sign-on
- D. security tokens
- E. digital signatures

Correct Answer: BDE

QUESTION 10

Which statement is true about JAX-WS dynamic invocation?

- A. Dynamic invocation clients use RPC typed interfaces to invoke the Web service.
- B. Dynamic invocation lets clients access a Web service without a WSDL.
- C. Dynamic invocation clients are bound at design-time to a single Web service.
- D. Dynamic invocation requires the client to statically configure the Web service proxy.
- E. The dynamic proxies provide dynamic invocation in JAX-WS.

Correct Answer: B

QUESTION 11

Which Java type can be used to represent arbitrary XML data in a JAX-WS service endpoint interface?

- A. javax.xml.soap.SOAPNode
- B. javax.xml.soap.SOAPPart
- C. javax.xml.soap.SOAPElement
- D. javax.xml.soap.SOAPException
- E. javax.xml.soap.SOAPMessage
- F. javax.xml.soap.Node

Correct Answer: C

QUESTION 12

Given the Java fragment and schema:

1.

```
//-- Java code fragment
```

2.

```
public class PurchaseOrder{
```

3.

```
    public javax.xml.datatype.XMLGregorianCalendar orderDate;
```

4.

```
}
```

5.

//-- Schema fragment

6.

7.

8.

10.

11.

Which two statements are true about .Net and WCF interoperability for this data? (Choose two.)

- A. The GregorianCalendar maps to an equivalent date type in both Java and .Net.
- B. .Net will generate code with the calendar as a string that functions as well as a date.
- C. .Net will generate code with the calendar as a string that is not type equivalent.
- D. Use of the `@XmlSchemaType` annotation causes .Net to properly map to a date.
- E. Casting in the case of WSIT services is an effective approach for the WCF client.

Correct Answer: CD

QUESTION 13

Given the Java fragment and schema:

1.

//-- Java code fragment

2.

```
public enum USState {MA, NH}
```

3.

//-- Schema fragment

4.

5.

6.

7.

8.

9.

10.

// .NET auto generated code from schema

11.

```
public enum usState { NH, MA }
```

Which statement is true about .Net and WCF interoperability for this data?

- A. Based on the fragment, enumerations map well between Java and .Net.
- B. The subtle differences in the variable names make it clear these enumerations are NOT interoperable.
- C. The XML schema reveals the type on the enumeration is lost across the platforms.
- D. This exchange would be interoperable if the annotation @XmlEnum was applied to the Java method.

Correct Answer: A

QUESTION 14

A developer must modify an existing Web service client program. XML used by the service must be updated and archived for use in other systems. The developer chooses the Dispatch API. Which two statements are true about this approach? (Choose two.)

- A. Dispatch is generic and can be instantiated for use with XML or SOAP.
- B. The Web service can be either SOAP or REST-based.
- C. The Dispatch instance must be created in Service.Mode.PAYLOAD mode in order to use SOAP.

D. Instantiating Dispatch Service.Mode.MESSAGE mode allows you to work directly with the XML message.

E. It is unnecessary to use JAXB with the Dispatch API.

Correct Answer: AB

QUESTION 15

Which two statements are true about elements in a WSDL document? (Choose two.)

A. Operation is an abstract set of port types supported by one or more endpoints.

B. Service is an abstract set of operations supported by one or more endpoints.

C. Message is an abstract description of an action supported by the service.

D. Operation is an abstract description of an action supported by the service.

E. Binding is a single endpoint defined as a combination of an operation and a network address.

F. Message is an abstract, typed definition of the data being communicated.

Correct Answer: DF

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