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SOA Technology Concepts

Version 24.6

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QUESTION NO: 1

Service intermediaries can be further classified as _____ or _____ depending on whether they modify message content. Select the correct answer.

- A. event-driven, dynamic
- B. active, passive
- C. composed or decomposed
- D. read-oriented, write-oriented

Answer: B

QUESTION NO: 2

Which of the following are valid HTTP methods? SELECT ALL THAT APPLY

- A. Get
- B. Upload
- C. Put
- D. Delete

Answer: A, C, D

QUESTION NO: 3

Which of the following statements make sense? SELECT ALL THAT APPLY

- A. I have 3 SOAP-based Web services, each with its own individual service contract.
- B. I have 3 REST services, all of which share the same uniform contract.
- C. I have 3 SOAP-based Web services, each with its own uniform contract.
- D. I have 3 REST services, each of which is designed to be accessed via the same set of HTTP methods.

Answer: A, B, D

QUESTION NO: 4

Most industry-standard WS-* features are designed to be implemented as: Select the correct answer.

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- A. WSDL operations
- B. WS-BPEL definitions
- C. SOAP headers
- D. HTTP headers

Answer: C

QUESTION NO: 5

The HTTP protocol can be used together with SOAP-based Web services and REST services. Select the correct answer.

- A. True
- B. False

Answer: A

QUESTION NO: 6

SOAP messages contain headers that can be customized but are also used to implement industry-standard features provided by technologies, such as WS-Addressing. Select the correct answer.

- A. True
- B. False

Answer: A

QUESTION NO: 7

Which of the following statements are true? **SELECT ALL THAT APPLY**

- A. XML and XML Schema can be used to help define the technical service contract of a SOAP-based Web service.
- B. XML and XML Schema allow for the creation of data models that can be used by services, but can also establish a separate data architecture.
- C. XML and XML Schema are always used to define the structure of the underlying service logic as well as the component composition models the services may need to encapsulate.

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D. XML and XML Schema are important because when services are built as Web services, they must be used to define service scalability characteristics and thresholds, as established by the infrastructure.

Answer: A, B

QUESTION NO: 8

Which of the following statements is true? Select the correct answer.

- A. Service agents are event-driven programs that always have published WSDL definitions.
- B. Service agents are event-driven programs that are automatically invoked to perform intermediary processing.
- C. Service agents are event-driven programs that are used only with asynchronous MEPs.
- D. Service agents are not event-driven programs.

Answer: B

QUESTION NO: 9

A SOAP-based Web service is essentially: Select the correct answer.

- A. solution logic that can only be accessed via HTTP methods
- B. solution logic accessible via binary RPC protocols
- C. solution logic that has been shaped by service-orientation design principles
- D. solution logic that can be accessed via a published WSDL definition

Answer: D

QUESTION NO: 10

Which of the following statements is false? Select the correct answer.

- A. The WS-I is an industry standards organization that provides basic profiles to help foster interoperability among solutions based on XML and Web services industry standards.
- B. OASIS is an industry standards organization that has developed a number of important technology specifications, including WS-BPEL and UDDI.
- C. The W3C is a standards organization that has developed a number of important technology specifications, including SOAP, WSDL, and WS-Addressing.

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D. The OAS-C is an industry standards organization that has developed a number of important technology specifications, including WS-Security and XML Schema.

Answer: D

QUESTION NO: 11

Which of the following statements is true? Select the correct answer.

- A. When using WS-AtomicTransaction, services participating in a transaction vote on the outcome so as to communicate whether the transaction should be rolled back or committed.
- B. When using WS-AtomicTransaction, services participating in a transaction use RPC protocols to communicate transaction results, so as to communicate whether the transaction should be rolled back or committed.
- C. When using WS-AtomicTransaction, services participating in a transaction rely on the use of WS-Policy definitions to confirm the transaction results.
- D. When using WS-AtomicTransaction, services do not actually participate in a transaction. This specification governs intra-service transactions (transactions that occur within a service boundary) only. WS-BusinessActivity provides cross-service transaction protocols.

Answer: A

QUESTION NO: 12

Which of the following XML documents can be part of a SOAP-based Web service contract?
SELECT ALL THAT APPLY

- A. WSDL definition
- B. HTTP definition
- C. XML schema
- D. WS-Policy definition

Answer: A, C, D

QUESTION NO: 13

Which of the following statements does not make sense? Select the correct answer.

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- A. I built 3 SOAP-based Web services, each of which has its own published WSDL definition. 2 of the WSDL definitions share the same XML schema.
- B. I built 3 XML schemas, two of which are being shared by the same WSDL definition.
- C. I built 3 WSDL definitions and 3 XML schemas. Each WSDL definition is associated with its own XML schema.
- D. All of the above statements make sense.

Answer: D

QUESTION NO: 14

Which of the following technologies can be used to enable the exchange of data between services? Select the correct answer.

- A. SOAP
- B. HTTP
- C. WSDL
- D. All of the above.

Answer: D

QUESTION NO: 15

Which of the following statements is true? Select the correct answer.

- A. REST services primarily rely on the use of SOAP headers to exchange message metadata.
- B. REST services primarily rely on the use of JMS headers to exchange message metadata.
- C. REST services primarily rely on the use of HTTP headers to exchange message metadata.
- D. REST services do not exchange messages with headers.

Answer: C

QUESTION NO: 16

Which of the following statements is true? Select the correct answer.

- A. WS-ReliableMessaging establishes a framework that provides an industry-standard means of transforming XML schema-based data models.