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SOA S90.08

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QUESTION NO: 1

Which of the following statements are false?

- A. Using the Reliable Messaging pattern can improve the quality of messaging-based communication.
- B. The Reliable Messaging pattern is applied to databases, not services.
- C. The Reliable Messaging pattern is one of the patterns that can be associated with the Enterprise Service Bus compound pattern.
- D. The Reliable Messaging pattern is always applied together with the Atomic Service Transaction pattern.

ANSWER: B D**QUESTION NO: 2**

When applying the Messaging Metadata pattern, it is customary to place business document data in the message header and supplementary messaging metadata in the message body.

- A. True
- B. False

ANSWER: B**QUESTION NO: 3**

The application of the Redundant Implementation pattern helps increase the autonomy of:

- A. redundantly deployed services
- B. service agents that perform load-balanced access to services that are not redundantly deployed
- C. compositions that compose redundantly deployed services
- D. core service logic contained within services that do not rely on the redundantly deployed service

ANSWER: A C**QUESTION NO: 4**

Which of the following statements are true?

- A.** The application of the Rules Centralization pattern centralizes the governance of business rules so that they can be modified and evolved from a single location.
- B.** The application of the Rules Centralization pattern reduces redundancy by centralizing common business rules-related logic that would normally be distributed across multiple services.
- C.** The application of the Rules Centralization pattern results in centralized business rules that can be applied at runtime.
- D.** The application of the Rules Centralization pattern can lead to a decrease in autonomy because it can introduce the need for an additional service to be part of service compositions.

ANSWER: A

QUESTION NO: 5

Assuming you have technical service contracts for SOAP-based Web services, you can apply the _____ pattern through the use of _____.

- A.** Schema Centralization, XML schemas
- B.** Message Metadata, SOAP message headers
- C.** Decoupled Contract, WSDL definitions
- D.** Policy Centralization, WS-Policy definitions

ANSWER: A B C D

QUESTION NO: 6

A service agent has a technical contract that allows it to be explicitly invoked by service consumer programs.

- A.** True
- B.** False

ANSWER: B

QUESTION NO: 7

Which of the following statements are false?

- A.** The Compensating Service Transaction pattern is often applied by calling one or more "undo" operations provided as service capabilities of the services participating in a composition.
- B.** A compensating service transaction must be designed independently and without knowledge of the technical service contracts belonging to the composition members.

C. Compensating logic is generally expressed in its own process definition and separated from the overall service composition logic.

D. The Compensating Service Transaction pattern is one of the core patterns that comprise the Enterprise Service Bus compound pattern.

ANSWER: B D

QUESTION NO: 8

Which pattern aims to increase the autonomy of a service specifically via the use of a replicated database?

A. Redundant Implementation

B. Stateful Services

C. State Repository

D. None of the above.

ANSWER: D

QUESTION NO: 9

Assuming the Reliable Messaging pattern is successfully applied, which of the following statements is correct?

A. A service agent intercepts and stores a message from the service consumer. The service agent then returns an acknowledgement back to the service consumer. Next, the service agent forwards the message to the service and when it receives an acknowledgement back from the service, it deletes the message.

B. A service agent intercepts and stores a message from the service consumer. The service agent then forwards the message to the service. Next, the service agent receives an acknowledgement from the service, which it returns to the service consumer. Finally, the service agent deletes the message and related acknowledgements.

C. The service consumer stores the message and forwards it to a service agent, which issues an acknowledgement back to the service consumer. The service agent then forwards the message to the service and when it receives an acknowledgement from the service, the service agent informs the service consumer so that it can delete the message and the acknowledgement.

D. None of the above.

ANSWER: A

QUESTION NO: 10

Based on the publisher and subscriber roles established by the application of the Event-Driven Messaging pattern, which of the following statements are true?

- A.** a service, acting as a publisher, issues event notification messages to an event management program that is responsible for broadcasting the messages
- B.** a service consumer, acting as a subscriber, can selectively subscribe to specific events
- C.** an intermediate event management program enters the role of subscriber when accepting event subscriptions
- D.** upon receiving a message associated with an event that a service consumer subscribed to, the service consumer enters the publisher role

ANSWER: A B