Advanced SOA Design & Architecture (S90-08A)

SOA S90.08

Version Demo

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QUESTION NO: 1

An atomic service transaction requires that:

A. alternative compensating logic is executed to undo changes that may have been committed by the services participating in a transaction

B. a service participating in a transaction either commit or rollback changes in response to the success or failure of the transaction

C. services be designed to be aware of all the other services that have also registered as participants in the same transaction in order to exchange success or failure messages with them D. None of the above.

ANSWER: B

QUESTION NO: 2

Which of the following functions would not be suitable for a typical service agent?

A. event logging

B. message routing

C. complex Web service composition

D. error logging

ANSWER: C

QUESTION NO: 3

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: 4

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: 5

Business process logic is abstracted and physically centralized as part of a platform that supports long-running service activities via the use of a database that can temporarily store state data during periods of inactivity. Which of the following compound patterns provides the range of features required to support these requirements?

A. Enterprise Service Bus

B. Service Broker

C. Orchestration

D. Official Endpoint

ANSWER: C

QUESTION NO: 6

Which of the following represent common types of logic that can be placed within a service fa?ade component?

A. Behavior correction logic used to compensate for changes in the behavior of the core service logic.

B. Protocol bridging logic that dynamically converts from one transport protocol to another at runtime.

C. Relaying logic that simply relays input and output messages to and from the core service logic.

D. Transformation logic that performs runtime data model or data format conversion.

ANSWER: A B C D

QUESTION NO: 7

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

QUESTION NO: 8

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: 9

Which of the following patterns may also require the application of the Service Agent pattern?

A. Reliable Messaging

B. Asynchronous Queuing

C. Intermediate Routing

D. Policy Centralization

ANSWER: A B C D

QUESTION NO: 10

Which of the following statements regarding the application of the State Repository pattern is false?

A. State data can be temporarily written to and then later retrieved from a dedicated state repository.

B. Caching large amounts of state data in memory negatively impacts scalability.

C. A state repository is not useful for supporting long-running service activities.

D. Database technology is typically used for the implementation of a state repository.

ANSWER: C

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