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Fundamental SOA & Service-Oriented Computing (S90-01A)

SOA S90.01

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QUESTION NO: 1

Why is it recommended to establish a service-oriented architectural model that is vendor-neutral?

- A.** Because a vendor-neutral architectural model provides you with the opportunity to fully leverage and form dependencies on proprietary (vendor-specific) vendor features.
- B.** Because a vendor-neutral architectural model provides you with the opportunity to build service-oriented solutions only with open source technologies, thereby avoiding the use of vendor technologies altogether.
- C.** Because a vendor-neutral architectural model provides you with the freedom to diversify its implementation by leveraging multiple vendor technologies as required.
- D.** A vendor-neutral service-oriented architectural model is not recommended.

ANSWER: C

QUESTION NO: 2

If a service can have one or more service capabilities, then how can a service consumer interact with a service?

- A.** It can't. The service must only provide one service capability in order for it to be accessible by service consumers.
- B.** Each service capability represents a function that the service has to offer. The service consumer can invoke and interact with one service capability at a time, thereby only using a subset of the service's overall functionality.
- C.** Service capabilities are designed to be composed together, which means that in order for a service consumer to interact with a service, it must be designed to invoke all of its service capabilities at the same time.
- D.** Services do not have service capabilities that are explicitly invoked. Services almost always exist as event-driven programs that transparently intercept service consumer messages at runtime.

ANSWER: B

QUESTION NO: 3

The goals of service-oriented computing are focused on tactical (short-term) benefits, as opposed to strategic (long-term) benefits. Select the correct answer.

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

ANSWER: B

QUESTION NO: 4

Complete the following statement with the correct: "Service-oriented solutions are commonly subject to performance challenges because they are likely to: SELECT ALL THAT APPLY

- A. ...rely on the use of XML-based technologies that can impose additional runtime processing overhead."
- B. ...rely on the use of agnostic services that are generally shared across multiple solutions."
- C. ...be comprised of service compositions that can impose increased data exchange requirements."
- D. ...have been developed using extreme programming techniques and may therefore have not been subjected to the proper quality assurance procedures."

ANSWER: A B C**QUESTION NO: 5**

Which of the following SOA myths are false? SELECT ALL THAT APPLY

- A. "An application is considered service-oriented if it uses Web services."
- B. "It is required that you stick with a single SOA vendor platform in order to successfully achieve the strategic goals of service-oriented computing."
- C. "SOA projects always require enterprise-wide standardization and enterprise-wide global data models."
- D. "The successful adoption of SOA will help an organization become more agile and responsive."

ANSWER: A B C**QUESTION NO: 6**

Solution logic is classified as "service-oriented" after:

- A. it has been built using Web services
- B. it has been built using RPC technologies
- C. it has been performance tested to a meaningful extent
- D. service-orientation has been applied to a meaningful extent

ANSWER: D**QUESTION NO: 7**

Complete the following statement with the correct sentence : "The objective of organizational agility is to dramatically reduce the time and effort required to fulfill new or changed business requirements..."

- A. as long as the business requirements doesn't change too often."
- B. once legacy integration has been broadly achieved."
- C. once a collection of mature agnostic services is available."
- D. as long as the organization can continually outsource its IT projects."

ANSWER: C

QUESTION NO: 8

Service A is invoked by Desktop Application A, which requests a data value from Service A. In order for Service A to retrieve this data value, it must invoke Service B, which retrieves the value from Database A. Which participant(s) in this scenario are considered service consumers? SELECT ALL THAT APPLY

- A. Service A
- B. Service B
- C. Desktop Application A
- D. Database A

ANSWER: A C

QUESTION NO: 9

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

- A. A service inventory establishes a boundary for a collection of services.
- B. Service inventories represent collections of related services that are independently standardized and governed.
- C. The quantity of services within a service inventory will increase as new services that belong within the service inventory boundary are delivered.
- D. Service inventories are ideally planned and modeled ahead of time via the creation of service inventory blueprints.

ANSWER: A B C D

QUESTION NO: 10

Which of the following statements are false? SELECT ALL THAT APPLY

- A.** Service compositions are aggregates of non-service-oriented applications that are grouped together and exposed as a service.
- B.** Service compositions are aggregates of services that are grouped together to carry out a specific task.
- C.** Service compositions can be classified as service-oriented solutions.
- D.** Service composition design is not a common consideration with SOA projects. The emphasis of service-orientation is on producing services that are solely optimized for point-to-point data exchange.

ANSWER: A D

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