1Z0-475^{Q&As}

Oracle IT Architecture SOA

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QUESTION 1

Which two statements are true with respect to SOA Services?

A. A Service must not have any dependency on the identity of the consumer that invokes it.

B. Services should be aware of the protocol used to invoke them, where they physically exist, and on what type of hardware or operating system they run.

C. In order for Services to be versatile and support reuse, there must be no separation of concerns in terms of what they do and how they are used.

D. Services must not be tied to any particular physical location.

Correct Answer: AD

QUESTION 2

Which two statements are true of Oracle\\'s SOA Governance Framework?

A. Replaces traditional governance frameworks

B. Defines the need for principles, policies, processes, roles, and Infrastructure

C. Contains an SOA Governance Reference Model

D. Defines SOA Governance as a one-off project

E. Can be fully implemented using a registry and a repository

Correct Answer: BC

QUESTION 3

Business users are asking for access to data that already exists in the enterprise but each back-end system is based on differing technologies making it challenging for the business users to access the data in a simple and expedited manner. How can the SOA conceptual architecture support this need?

A. Data is copied from the various source systems into an operational data store. This operational data store is then exposed to service consumers as common presentation services,

B. Existing data sources are service enabled and exposed as common reusable Data Services.

C. Existing data sources are service enabled and exposed as common reusable Business Activity Services, which in turn call the appropriate Data Services.

D. Existing data sources are exposed via the Service Bus.

E. Existing data sources are service enabled and exposed as common reusable Business Activity Services.

Correct Answer: A

QUESTION 4

One of the goals of your newly formed SOA initiative is to speed up time to market for new and updated functionality. Which option best supports your goal?

A. Utilize Service composition to reuse and combine existing Services to form new more course grained functionality.

B. Utilize a common data model across all Services so that no data transformation is required when Services are reused.

C. Only deploy SOA Governance when you have 50 or more Services.

D. Utilize REST Services over SOAP-based Services because they are quicker to develop.

Correct Answer: A

QUESTION 5

Which three of the following Data Services Conform to the Service naming guidelines?

A. Customer

B. Finance

C. Create Expense Request Service

D. AuthorizedCustomer

E. InvokeFundsPaymentBusinessProcess

Correct Answer: CDE

QUESTION 6

How should business processes and technical orchestrations be handled when developing SOA Services as part of service-oriented integration architecture?

A. Technical orchestrations are business processes that have been implemented using BPEL

B. Business processes should be isolated from technical details by encapsulating the technical details in technical orchestrations.

C. Activities within a business process that are likely to change due to business changes should be encapsulated in a technical orchestration.

D. Business processes should not use any technical orchestrations.

E. Business processes only call Business Services whereas technical orchestrations only call Connectivity Services.

Correct Answer: B

QUESTION 7

Over the past several years, change requests from lines of business (LOB) have increased significantly. Your IT department is having a hard time addressing this increase in requests, due to their time to market requirements and the time it takes for all affected lines of business to perform testing on the new/updated functionality. How can SOA be best utilized to address your challenge?

A. To address common functional requirements, each LOB is allocated their own Business Activity Service. This has the advantage that when a LOB Business Activity Service is updated only a single LOB is affected.

B. The service infrastructure can provide the ability to mediate and stage the deployment of multiple versions of a Service which will allow multiple versions of a Business Activity Service to be available at run time. This enables different LOB consumers to access different versions of the Service.

C. Each LOB is allocated their own Presentation Service. This has the advantage that each LOB consumer can have a different user experience from other LOB consumers and have the ability to hide the new/updated functionality.

D. Each LOB utilizes a separate service infrastructure environment. Service configurations can be propagated between environments, allowing different LOB consumers to access different Services that address the same functionality.

Correct Answer: D

QUESTION 8

Lack of an enterprise SOA infrastructure causes several SOA implementation challenges. What are two of the major challenges?

A. Understanding which Services are available, where they reside, their contract, invocationprotocols, and rules for use

B. Provisioning of hardware and software resources to run SOA Services

C. Managing Service versioning and Service life-cycle requirements

D. Migration of business applications to run on SOA infrastructure

Correct Answer: BC

QUESTION 9

The service lifecycle is shown in the exhibit. Some stages of the lifecycle are missing their labels What are the missing stages?

A. Justified, Not Justified, Assigned, Defined, Implemented, Retired

B. Justified, Not Justified, Defined, Assigned, Implemented, Retired

C. Approved, Rejected, Defined, Assigned, Implemented, Retired

D. Justified, Not Justified, Assigned, Defined, Implemented, Deprecated

E. Approved, Rejected, Assigned, Defined, Implemented, Deprecated

Correct Answer: C

QUESTION 10

You are a senior architect in an organization that wishes to adopt SOA for a number of projects in the future because of agility and cost reduction benefits. Who needs to be engaged in the changes that will impact the organization and which functional units should be Involved In implementing a successful SOA initiative?

A. The head of the IT delivery organization needs to be engaged because It is their organization that will be affected the most by this change. The business and operations will continue as before.

B. The CIO needs to be leading this initiative as all aspects of IT need to be engaged from delivery through to operations, but business involvement can be minimised,

C. The SOA can be built up on a project-by-project basis so each project needs to be engaged when needed.

D. The CEO must drive this initiative because it will have far-reaching impacts for all parts of the organization.

E. The CIO and leaders of those business units falling under the scope of the SOA initiative need to drive the changes required for SOA adoption.

Correct Answer: E

QUESTION 11

Service Release planning happens at the _____level?

A. Enterprise

B. Project

C. Service

D. Operational

Correct Answer: C

QUESTION 12

You work in a highly regulated industry. Regulatory and security requirements are changing constantly. But your current enterprise application development platform Is burdensome when updating solutions to cater for these regulatory and security requirements. How can SOA be best utilized in addressing your challenge?

A. A set of regulatory and security Services can be developed that addresses all of the requirements. These regulatory and security Services can then be consumed by Business Activity Services. This allows updated regulatory and security functionality to be automatically applied to all Business Activity Services.

B. Each solution codes its own regulatory and security functionality. This functionality can then be service-enabled so that other solutions can consume it. This allows for reuse of regulatory and security functionality.

C. Utilize a policy-driven service infrastructure to decouple regulatory compliance checks and security policies from the

Service implementation. This allows for a more centralized and dynamic change control.

D. Regulatory and security functionality are implemented as a set of database stored procedures. As Services are consumed, the service bus executes the relevant stored procedures and applies them to the service payload. This allows for a centralized control environment while utilizing a mature technology to apply regulatory and security functionality.

Correct Answer: C

QUESTION 13

A successful SOA initiative is built on a solid SOA governance foundation. What three statements are true when referring to a SOA Governance model?

A. There is one standardized SOA governance model that is appropriate for all enterprises.

B. There is no single model of good SOA governance because each enterprise has differences andnuances.

C. A SOA governance model focuses only on the lifecycle of a Service.

D. Compliance with a defined SOA governance model Is automatic after It has been deployed.

E. A SOA governance model enables the definition of policies andprocesses to guide management into making effective SOA decisions.

F. A SOA governance model enables authorized groups to encourage/enforce alignment to SOA architecture and cultural orientation.

Correct Answer: DEF

QUESTION 14

You receive non-functional requirements for a set of business Services which specify that the Service must deliver secure payloads. In addition, the Services need to be built whereby they promote reusability, especially in heterogeneous IT environments. Which option best describes how you would design the Service?

A. Use Java to build the service and SSL to encrypt the transport.

B. Use Java.security to encrypt payload while making sure that service consumers are on a secure and reliable network.

C. Use WS-I to promote interoperability while using the WS-Security family of services to secure web services.

D. Use WS-Policy and WS-Reliable Messaging to support delivery-based quality of service.

Correct Answer: D

QUESTION 15

You have been tasked with designing a "get account" SOA Service. The source data for the service resides in a legacy system that is only accessible via MQ-Series request and response queues. The service consumers have requested a

synchronous interface. What integration pattern should the SOA Service employ and why?

A. The SOA Service should implement an asynchronous "get account" method because that matches the legacy system access provided.

B. The SOA Service should implement a synchronous "get account" method because that Is what the service consumers have requested. A new synchronous Interface to the legacy system should be created.

C. The SOA Service should implement two synchronous methods. The first method is a "send account request" and the second method is a "get account response." This meets the synchronous interface request of the service consumers while matching the existing interface to the legacy system.

D. The SOA Service should implement a synchronous "get account" method because that is what the service consumers have requested. The SOA Service should use the synchronous-to-asynchronous bridging pattern and use the existing interface to the legacy system.

E. The SOA Service should implement a synchronous "get account" method because that is what the service consumers have requested. The SOA Service should use the store-and-forward pattern and use the existing interface to the legacy system.

Correct Answer: B