

Oracle 1Z0-475 Exam

Volume: 79 Questions

Question No: 1

An IT organization already has a mixture of products that they are using for their application integrations. They want to map their products onto the service-oriented integration architecture. What guidance do you give them for accomplishing this task?

- A. The capabilities in a product are identified and then the product is mapped to the architecture based on those capabilities. A product can map to more than one layer of the architecture.
- B. The capabilities in a product are identified and then the product mapped to the architecture based on those capabilities. The product is mapped to the layer of the architecture where the most capabilities lie.
- C. A product is compared to the Oracle products that are already mapped onto the architecture. The product is mapped onto the architecture as a replacement for the most similar Oracle product,
- D. A product is compared to the Oracle products that are already mapped onto the architecture. If the product provides all the capabilities of an Oracle product, the product replaces that Oracle product.
- E. Products are not directly mapped onto the architecture; only the capabilities provided by the products are mapped onto the architecture.

Answer: A

Question No: 2

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.

Answer: A,D

Question No: 3

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Which three statements differentiate SOA requirements from project requirements?

- A. SOA requirements are not owned by any single application, consist of their own lifecycle, and are managed independently.
- B. SOA requirements are developed iteratively with the business and mapped onto the enterprise business function model.
- C. SOA requirements have a classification that reflects the project that implemented them.
- D. SOA requirements are managed at the enterprise level.
- E. SOA requirements are concerned with the Services that deliver integration capabilities.
- F. SOA requirements are refined into project requirements.

Answer: A,B,C

Question No: 4

You have identified an existing Service that you would like to re-use. You need to submit a Service consumption request. Which two items are most appropriate to put into the request?

- A. Data that you want to consume from the Service
- B. Expected load that you will put on the Service
- C. Expected usage profile, such as days of the week or hours in the day
- D. Type of client that will be connecting to the Service

Answer: B,C

Question No: 5

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.

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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.

Answer: C

Question No: 6

A consumer invokes a synchronous request/response but the service only supports asynchronous request/response. Which service infrastructure capability resolves the differences between the invocations of the consumer and provider?

A. Transport Mediation

B. Transformation Mediation

C. Service Routing

D. Message Exchange Pattern Mediation

E. Dynamic Binding

Answer: C

Question No: 7

Which of the following statements describes how the layers in the service-oriented integration architecture interact?

A. Upper layers in the architecture use capabilities provided by any of the lower layers in the architecture.

B. A layer in the architecture uses capabilities provided by the adjacent layers, that is, the layer-above and the layer below.

C. A layer in the architecture uses capabilities provided by the adjacent lower layer in the architecture.

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- D. A layer in the architecture uses capabilities provided by the adjacent upper layer in the architecture.
- E. The layers in the architecture expose functionality to the User Interaction Systems, but do not interact.

Answer: A

Question No: 8

When considering the interface design for an enterprise-wide Service you have been guided by the SOA Reference Architecture to consider a document style data format first. Why is that?

- A. Large amounts of data can be exchanged with document-style interfaces.
- B. This will provide the greatest opportunity for re-use from the widest possible number of consumers.
- C. Document-style interfaces provide for tight coupling between consumers and service providers.
- D. Document-style interfaces tend to be quite fine-grained so that they can be re-composed in innovative ways.
- E. Document-style interfaces provide for tight coupling between consumers and service providers.

Answer: C

Question No: 9

A key aspect of your SOA initiative includes a clear and consistent definition of a service. Which three statements are true in Oracle's definition of a Service?

- A. A Service is a means of packaging reusable software building blocks to provide functionality to users, applications, or other Services.
- B. A Service is comprised of Implementation code and a WSDL by which it is described.
- C. A Service is only used for wrapping legacy systems to enable easier integration,
- D. A Service is an independent, self-sufficient, functional unit of work.
- E. A Service is discoverable, manageable, and measurable.
- F. A Service is a Java-based component.

Answer: A,D,E

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Question No: 10

What is the reason to have separate production, services, and maintenance networks in the product deployment of the service-oriented integration architecture?

- A. The separate networks provide the necessary bandwidth to support the architecture. The production network is used exclusively by the applications in production. The service network is used exclusively for calling SOA Services- The maintenance network is dedicated to providing administration servers and operations terminals access to control applications, services, and Infrastructure.
- B. The separate networks provide the necessary bandwidth to support the architecture. The production network is used exclusively by the applications in production. The service network is used to test SOA Services before moving them to production. The maintenance network is used exclusively to perform maintenance tasks on the production applications, services, and infrastructure.
- C. The separate networks provide the necessary security to support the architecture. The production network is connected to the intranet and internet. The service network provides connectivity to the SOA Services but no access to the internet. The maintenance network is dedicated to providing administration servers and operations terminals access to control applications, services, and infrastructure.
- D. The separate networks separate different types of network traffic. The production network is used exclusively by the systems in production. The service network is used to test SOA Services before moving them to production. The maintenance network is dedicated to providing administration servers and operations terminals access to control applications, services, and infrastructure in production and test
- E. The separate networks separate different types of network traffic. The production network connects to the existing production environment and provides access to the service discovery and to the service bus. The service network provides connectivity between the service bus and SOA Services only; thereby preventing service consumers from bypassing the service bus. The maintenance network is dedicated to providing administration servers and operations terminals access to control applications, services, and infrastructure.

Answer: A

Question No: 11

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

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- D. Defines SOA Governance as a one-off project
- E. Can be fully implemented using a registry and a repository

Answer: B,C

Question No: 12

While defining the SOA Requirements Management process, you have identified the need for a SOA repository. Which three items would you store against your Service?

- A. Source code
- B. Usage Agreements
- C. Capacity Metrics
- D. Security Policies
- E. Build scripts

Answer: B,C,D

Question No: 13

Whenever an account is past due, the billing system will post an "account past due" event message to a JMS queue. How is the event handled in the service-oriented integration architecture?

- A. The Business Process layer In the architecture listens for and handles the event.
- B. The Mediation layer in the architecture listens for the event and then routes the event to the appropriate SOA Service.
- C. There is a JMS listener for each layer in the architecture, so each layer In the architecture Is responsible for handling events as appropriate.
- D. The architecture does not support events generated by a back-end system.
- E. The Data Movement layer in the architecture is used to detect and handle events generated by the back-end systems.

Answer: D

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Question No: 14

Which statement best describes SOA governance continuous improvement?

- A. SOA governance continuous improvement enables your organization to define and deploy your own focused and customized SOA initiative.
- B. SOA governance continuous improvement enables your organization to define and deploy your own focused and customized SOA governance model.
- C. SOA governance continuous improvement enables your organization to make sure that Services are reused.
- D. SOA governance continuous improvement enables your organization to achieve ROI on you SOA initiative.

Answer: A

Question No: 15

One of the SOA deployment models defined by Oracle Reference Architecture is Segregated Deployment. What is Segregated Deployment?

- A. An approach for deploying services and infrastructure to support Services that have a local scope
- B. An approach to Services deployment in which Services and applications are co-deployed in a segregated environment
- C. An approach to Services deployment that promotes the separation of Services from applications and the grouping of Services with similar availability needs
- D. An approach to development where the Service development environment is isolated from the Service deployment environment

Answer: C

Question No: 16

Which two statements describe SOA Governance relationships?

- A. SOA Governance integrates with and extends IT Governance
- B. SOA Governance directly aligns with Corporate Governance

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- C. SOA Governance ignores IT Governance
- D. Cloud Computing Governance dictates SOA Governance
- E. EA Governance Influences SOA Governance

Answer: A,B

Question No: 17

A project manager has come to you as the SOA architect asking why his Service Candidate has to be justified before he can build it. What two reasons are you going to give that it is important that Services must be justified before they are implemented?

- A. The Services must be implemented by a single team and the Justification process prevents other teams from creating Services.
- B. SOA Services incur greater costs over their full lifecycle than application components and therefore must justify the extra investment before they are built.
- C. No control over Service creation can result in Service proliferation resulting in a complex and inconsistent SOA that is difficult to manage and maintain.
- D. The release of the Service needs to be co-ordinated with other projects and therefore his project will not be delivering it because the timescales are incompatible.

Answer: C,D

Question No: 18

Which statement describes how complexity, effort, and benefit are used In the SOA Project Selection Framework?

- A. Complexity measures the number of integrations that the project would require. Effort measures the amount of effort that existing shared services would save for the project. Benefit measures the amount of additional revenue that would result from the project, A top project for inclusion would have a larger benefit and effort with a lower complexity.
- B. Complexity measures the number of integrations that the project would require. Effort measures the amount of effort that existing shared services would save for the project. Benefit measures the business benefit that would be delivered by the project. A top project for inclusion would have a larger benefit and effort with a lower complexity.

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C. Complexity measures the technical complexity of the project. Effort measures the level of effort required to complete the project. Benefit measures the amount that the project would advance the SOA maturity of the organization. A top project for inclusion would have a larger benefit than the effort.

D. Complexity measures the technical complexity of the project. Effort measures the level of effort required to complete the project. Benefit measures the amount of business benefit that would be delivered by the project. A top project for inclusion would have a large benefit and lower complexity and effort.

E. Complexity measures the technical complexity of the project. Effort measures the level of effort required to complete the project. Benefit measures the amount of business benefit that would be delivered by the project. A top project for inclusion would have a large benefit and an effort that is lower than the complexity.

Answer: B

Question No: 19

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.

Answer: A

Question No: 20

You have decided to define your own focused and customized SOA Governance Model with an accompanying continuous improvement feedback loop. The continuous improvement feedback loop is executed upon receiving one or more event notifications.

Your service bus vendor announces that a stable and mature SOA security standard is now available in the latest version of the product. Which event would need to be published to initiate the continuous

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Improvement feedback loop?

- A. Strategic Change
- B. Vendor Revision
- C. Operational Exception
- D. SOA Maturity Level Change
- E. Technology Revision
- F. Periodic

Answer: C

Question No: 21

What are the two key differences between SOA infrastructure and traditional infrastructure?

- A. SOA infrastructure does not need to provide monitoring and management capabilities whereas, traditional infrastructure does.
- B. The highly distributed, heterogeneous nature of SOA attempts to bring a number of disparate moving parts together, making it more complex naturally.
- C. Traditional infrastructure is based on standards, allowing you to choose from various products and vendors which are best suited to meet your requirements.
- D. Services are more granular than applications. So the infrastructure should be able to support the distribution, deployment, discovery, and management of these granular artifacts.

Answer: B,D

Question No: 22

View the exhibit to see the time invested to deliver a SOA Payment Service. What are the predicted net hours saved per consumer, assuming a consumption factor of 20% and a production investment of 200%?

- A. 41 hours
- B. 164 hours