

Exam Code: 0B0-107

Exam Name: BEA SOA Adoption and Implementation
Exam

Vendor: BEA Systems

Version: DEMO

Part: A

1: Titan Communications is a provider of cable TV, wireless, and wireline phone services. Its stated business objective is to transition from a product centric to a customer centric organization. What is the primary benefit that an SOA would provide Titan?

- A.Improved business/IT alignment.
- B.Improved quality of customer service
- C.Consistency in behavior across customer channels
- D.Agility to change processes or introduce new products quickly

Correct Answers: A

2: Felicity Financial Services is a full service brokerage. Their primary business objective is to be the premier provider of tailored services to leading edge investors in areas of fixed income securities, vanilla and exotic derivatives, and whole loan investments. What is the primary benefit that an SOA would provide Felicity?

- A.Improved business/IT alignment.
- B.Improved quality of customer service
- C.Consistency in information and behavior across channels
- D.Agility to change processes or introduce new products quickly

Correct Answers: D

3: Chasm, Inc., a clothing retailer, is executing on their SOA program. They have created a reference architecture, roadmap, constructed common services such as single-sign on, have identified project priorities. Some members of IT management are unaware of the SOA program, while other managers are unclear as to why they are undertaking it. One of these managers is responsible for deploying a new system in support of new promotions. Which of the SOA domains could most use improving (choose two)?

- A.Business Process & Strategy
- B.Architecture
- C.Costs & Benefits
- D.Building Blocks
- E.Projects & Applications
- F.Organization & Governance

Correct Answers: C F

4: Great North Travel is a multi-national travel agency implementing an SOA program. The program was sponsored by the highest levels of both business and IT management, and is seen as a key tactic to their customer satisfaction improvement and new product introduction strategies. A number of in-progress initiatives are using various EAI technologies to perform integration, and there is no sharing of artifacts among these initiatives. Furthermore, these initiatives all seem to be developing separate, and overlapping, customer data stores. Which of the SOA domains could most use improving (choose two)?

- A.Business Process & Strategy
- B.Architecture

- C.Costs & Benefits
- D.Building Blocks
- E.Projects & Applications
- F.Organization & Governance

Correct Answers: D F

5: Acme Builders, inc. has created an SOA roadmap, reference architecture and has exposed an initial handful of data access and shared business services. The development team currently handles all requests for support, diagnosis, and connectivity to these services through manual / ad hoc means. The number of consumers of these services is growing. Which two service lifecycle phases are currently the most appropriate to their SOA transformation program?

- A.Monitor
- B.Design
- C.Expose
- D.Build
- E.Compose
- F.Secure

Correct Answers: A F

6: Serendipity Securities, Inc. has two major business objectives:

1. Ensure consistent customer information and service capabilities across all product lines and all customer channels (interactive voice response, call centre, and website)
2. Maintain business unit autonomy so new products and/or services can be introduced in a timely fashion.

What is the likelihood of achieving all the objectives through an SOA program?

- A.Both objectives can be met; both agility and consistency are complementary.
- B.It is unlikely the objectives can be met because agility and consistency are contradictory.
- C.There is a tradeoff between agility and consistency in dealing with product information, and some compromise must be made between the business units
- D.There is a tradeoff between agility and consistency in dealing with customer information, and some compromise must be made between the business units

Correct Answers: D

7: Acme, Inc. is conducting an SOA transformation program. The program has been accepted by IT senior management. The SOA steering committee has determined the appropriate priorities and complexities of services, and how they should be harvested. The technical team has a good architectural understanding of the design considerations and infrastructure needed to support the target services. Acme has not yet constructed or harvested any services. What should Acme focus on next?

- A.Focus on developing the initial shared services reference architecture
- B.Services should be classified and categorized by their relative risk and business priority
- C.A cost model should be constructed to evaluate best sequencing of services
- D.Initial common services such as authentication, exception handling, and logging should be harvested and/or constructed

Correct Answers: D

8: FlyHigh Airlines is planning their SOA program. An initial assessment of capability has been made, but no other planning has begun to date. What should FlyHigh focus on next?

- A.Focus on developing the initial shared services reference architecture
- B.Services should be classified and categorized by their relative risk and business priority
- C.A cost model should be constructed to evaluate best sequencing of services and assess the required infrastructure investment
- D.Common services such as authentication, exception handling, and logging should be constructed

Correct Answers: A

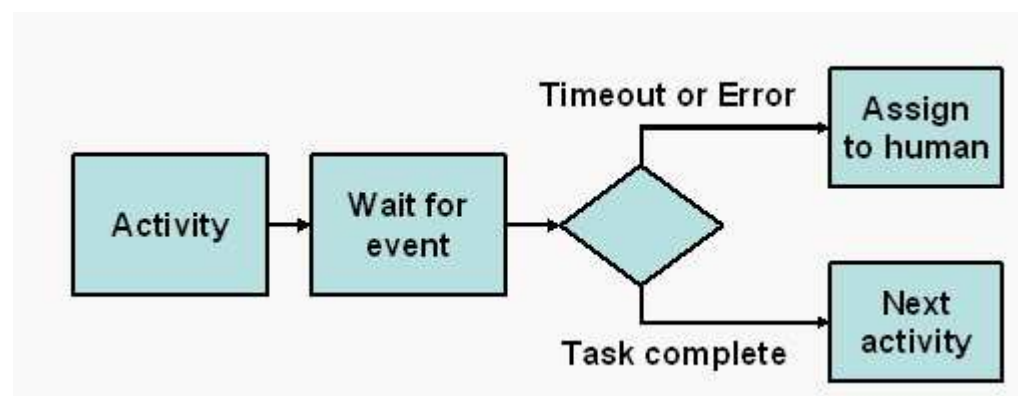
9: Johnston Marks, a regional bank, are looking to use SOA as a way to improve their product development processes to support their growing business. Their primary problem is in dealing with the volume and diversity of information required in developing a product. Currently, usage feedback, marketing research information, and industry intelligence is gathered through a variety of legacy systems, spreadsheets, desktop databases, letter mail, and FAX. Which two goals are most appropriate for leveraging SOA in this process improvement exercise?

- A.Reduce variance and ensure repeatability of the process
- B.Eliminate some sources of information through services
- C.Provide more consistent and managed interfaces to the various information sources
- D.Enable the incorporation of newer and higher volume sources into the process

Correct Answers: C D

10: Click the Exhibit button.

An automated business process requires human intervention only if an event occurs during its execution. What is the term for this pattern? (See Exhibit for picture)



- A.Fork/Join
- B.Escalation
- C.Delegation
- D.Exception Handling

Correct Answers: B

11: Langham Rudolph, a large industrial manufacturing firm, has a procurement department that

serves the purchasing needs for over 14 manufacturing sites. These sites were acquired over a period of time, and operate with disparate legacy systems that serve a variety of requirements beyond just purchasing. It takes an average of 20 minutes to log off one site and log on to another site, and each site maintains its own set of purchasing rules and part numbering system. Thus, purchasers will typically process all requirements for a single site before moving onto the next one this will often take up to a whole day. This system unfortunately did not handle priorities well customer purchasing requirements could be held up as much as 14 days if it was at the end of the list.

How should this problem be solved, balancing effectiveness and time to implement? Choose two of the following:

A.The purchasing department should be sent a list of orders to expedite and dedicate one or more resources to spend the extra time switching between systems and expediting.

B.Shared business services should be written to replace the legacy systems for all purchasing functions. This will provide a unified part numbering format and purchasing rules.

C.A composite application should be written to pre-login and communicate across all legacy systems, automatically translating between part numbers and rules, but re-using each legacy systems existing local rule base.

D.A presentation service should be written to sort orders by priority and part type.

Correct Answers: C D

12: Best Tech, inc. is a national retailer of consumer electronic goods. Their stores have been dealing with supply problems. Best Techs central distribution department allocates goods to stores based on weekly forecasts calculated by their inventory system. These forecasts are based on monthly batch files sent from the stores that contain sales history. The marketing department sometimes runs flash promotions which causes a run on a particular product. The forecasters usually account for this, but they dont account for complementary products, or products that may be nearby in the store layout that become whim purchases. As such, Best Tech stores are often out of stock on many popular items. Other times, Best Tech stores and regional warehouses are flooded with inventory that they dont need.

While there are several solutions to this problem, what would be the optimal solution for BestTech to handle sales of complementary products, considering SOA best practices?

A.Service enable the forecast feeds so they can be sent on a more frequent basis.

B.Service-enable point of sale and inventory: All sales from the point of sale system should invoke a shared business service that logs the sale, so the forecasters have up-to-the-second planning information

C.Service-enable a pull supply chain: All sales from the point of sale system should invoke a shared business service that immediately orders a new part from the warehouse. This in turn invokes a service at the regional distributor, which then invokes a service at the supplier.

D.Service-enable the local store and regional warehouse inventory systems, so the planning department can, in real time, request inventory status from several stores at once to gain a more accurate single view to drive forecasts.

Correct Answers: C

13: An order entry service is deployed on a .NET based cluster, callable through SOAP over HTTP,

with an expected response time of 1.5 seconds, and guaranteed exactly once message delivery using WS-ReliableMessaging. A new version of this service is planned to be exposed with expected response time of 500 ms and guaranteed at most once message delivery.

What logical part of the service is changing? Make no assumptions other than the information given. (Choose one of A, B, or C)

A.Implementation

B.Interface

C.Contract

Correct Answers: C

14: An order entry service is deployed on a .NET based cluster, callable through SOAP over HTTP, with an expected response time of 1.5 seconds, and guaranteed exactly once message delivery using WS-ReliableMessaging. A new version of this service is planned to be exposed with expected response time of 500 ms and guaranteed at most once message delivery.

What physical part of the service is changing? Make no assumptions other than the information given.

A.The service URL

B.The service WSDL

C.The service transport

Correct Answers: A

15: A services schema needs a field added. This will be an incompatible change to the service interface. The service interface and implementation will be updated to handle and store this field. The new service version will be deployed to a new URL endpoint. How should this change be handled?

A.All dependents should move to the new URL

B.All dependents can continue use the existing URL; maintain parallel implementations at the new and existing URL.

C.An intermediary should be provided to adapt the interface from the existing URL to the new URL

D.An intermediary should be provided to adapt the interface from the new URL to the existing URL

Correct Answers: C