



IBM

C2160-667

IBM Test667, Architectural Design of SOA Solutions

QUESTION: 98

The IT organization for a government information office follows ITIL best practices. They use WebSphere Service Registry and Repository (WSRR) to manage the lifecycle of a service in their SOA. A mandate has been passed for the IT organization to manage and control the service environment, including relationships and configuration. Where should this new information be stored?

- A. All services and endpoint locations should be in the Service Registry and Repository.
- B. All services and endpoint locations should be in the configuration management database.
- C. Services and related configuration data should be in the Service Registry and Repository.
- D. Services and related configuration data should be in the configuration management database.

Answer: D

QUESTION: 99

In an organization that is adding services and has an Enterprise Service Bus (ESB), the plan is to charge for the usage of those services. What should the Solution Designer recommend to capture the usage data?

- A. Add a logging feature to the service to log the individual user requests.
- B. Add logging of the messages to the ESB for post processing, insuring the user of the service is part of the logged message.
- C. Install and configure IBM Tivoli Composite Application Manager for SOA to monitor the user usage.
- D. Install and configure IBM Tivoli Usage and Accounting Manager to calculate service usage fees.

Answer: C

QUESTION: 100

A manufacturing company has a large environment where they are using WebSphere Message Broker as their Enterprise Service Bus (ESB). For the services that are provided to partners, a standard Service Level Agreement (SLA) of four seconds has been defined for the service response time. What should be recommended to determine if the SLAs are satisfied?

- A. End-user response time monitoring should be provided.
- B. Monitor the Message Broker for response time of the services.
- C. Application Response Measurement (ARM) based monitoring should be provided.
- D. The service calls through the Message Broker ESB should be tested under load to ensure it can satisfy the requirement.

Answer: B

QUESTION: 101

A small company has recently developed a set of services to provide access to customer information. They have a mature management environment following the ITIL best practices. These services are being shared across a number of business units. The company wants to provide appropriate chargeback for use of these services. What should be recommended to provide this chargeback?

- A. Use the existing service monitoring data.
- B. Measure the service usage by service consumer.
- C. Measure the service usage by using the service registry.
- D. Use the existing transaction tracking monitoring data.

Answer: B

QUESTION: 102

An IT organization for a company has a mature management environment and follows the ITIL standards. They use WebSphere Process Server for business processes. The systems are performing as required but the business processes are not meeting executive management's expectations. What should the SOA Designer recommend for this environment?

- A. Use WebSphere Business Monitor to monitor the business KPIs
- B. Use WebSphere Business Events to correlate the events
- C. Use Tivoli Composite Application Manager for SOA to monitor the services
- D. Use Tivoli Business Systems Manager to monitor the resources in the business processes

Answer: A

QUESTION: 103

In an environment with a federated Enterprise Service Bus (ESB) made up of a WebSphere DataPower Appliance and a WebSphere ESB, a new legal requirement is passed that requires logging of all messages that arrive from a particular set of external partners. How should this new compliance requirement be satisfied?

- A. Logging of the messages should be added to the compliance manager and enforced with the management product.
- B. Management proxy should be inserted for each of the services that are called by the external partners.
- C. Logging should be added to the WebSphere DataPower Appliance.
- D. Logging should be added to the WebSphere ESB.

Answer: C

QUESTION: 104

Once a business process has been choreographed and deployed, there is an ongoing requirement to monitor the performance of this process. In the solution there is a need to use KPI metrics which are based on services and not their underlying components. Which is suitable as a service KPI?

- A. Number of service requests processed per minute
- B. Number of SOAP messages per service invocation
- C. Number of transactions processed per minute
- D. Mean size of messages sent and received per Web services operation

Answer: A

QUESTION: 105

Due to a number of recent acquisitions, an organization is reviewing common services provided by each of the acquired companies to reduce duplication. As part of this review, they discover functionally equivalent services deployed by all of the different organizations. Which technique provides valuable feedback from operations about which duplicate services most completely meet non-functional requirements of the service?

- A. Use business modeling tools to drive process simulations based on operational data.
- B. Use an integrated systems management console with an integrated capacity

planning tool.

C. Use a business activity monitor dashboard with Service Level Agreement (SLA) templates and policies to monitor and analyze KPIs.

D. Use the metadata and usage information from the service registry to determine service usage.

Answer: B

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