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QUESTION 1

ABC Travel offers a night reservation service, exposed as a web service. XYZ Stays offers a hotel reservation service, also exposed as a web service. ABC and XYZ will not change their web service. A startup company has contacted you for

advice about designing a new service that combines flight and hotel reservations, which they will offer as a web service.

The startup company plans to provide their service by implementing a portable Java EE solution that aggregates the two services offered by ABC Travel and XYZ Stays, a combined reservation succeeded.

Only if both the flight reservation and the hotel reservation succeed

Which is the most effective way to meet the business requirement?

- A. The startup company should implement their new service as a web service that uses an XA transaction manager.
- B. The startup company cannot implement their new service as a web service, but must use an enterprise JavaBean (EJB) component to gain transaction propagation.
- C. The startup company should implement their new service as a web service by calling the two existing services, and implementing their own compensating transaction.
- D. The startup company can implement their new service as a web service by calling the two existing services in a single transaction, relying on transaction propagation to support this business rule.

Correct Answer: C

QUESTION 2

Which two features are supported by the Java Authentication and Authorization Service (JAAS) API?

- A. Single sign on
- B. Secure network connections
- C. Configurable access control policies
- D. Web services security
- E. Message encryption and key generation

Correct Answer: AC

QUESTION 3

Which three actions restrict the ability of a web application to scale in response to load as additional computing resources are made available to it?

- A. Implementing the Singleton pattern in the web tier

- B. Implementing core business logic in the web tier 100% Real QandAs | 100% Real Pass
- C. Implementing core business logic using stateless session beans
- D. Storing users\' session state in a database
- E. Maintaining users\' session state by using stateful session beans

Correct Answer: ABE

QUESTION 4

Which two statements are true about java Cryptography Architecture (JCA)?

- A. Any JCA provider must implement each supported category of algorithms.
- B. Exactly one Implementation of each category of cryptographic algorithms must be provided.
- C. Implementations of cryptographic algorithms can be plugged in to a JVM after it has been installed and at run time.
- D. Categories of algorithms supported by JCA include message digests, signatures encryption, management, and random number generation.

Correct Answer: CD

QUESTION 5

You are implementing an online music that will store and play a user\'s collection of songs. You want users to rate their songs and view the top songs from friends. All queries must complete in four seconds or less.

Which approach would meet the response time requirement with minimal overhead?

- A. Java class that uses JDBC with embedded SQL
- B. Java class that uses an optimized stored procedure
- C. JPA entity class with a lazy fetching strategy
- D. JPA entity class with an eager fetching strategy

Correct Answer: B

QUESTION 6

Your company requires all its developers to use a well-specified set of exception classes to model several common error conditions, many of the which are specific to its business. These exception classes are centrally maintained and come packaged in a library (a JAR file). The application you are developing needs to report a number of error conditions covered by this library to remote clients.

Which pairing of component type and remote access technology enables client applications to use the predefined exceptions as part of their natural programming model?

- A. Servlet accessed using HTTP
- B. Entity bean accessed using web services
- C. Stateless session bean accessed using Remote Method Invocation (RMI)
- D. Message-driven bean accessed using Java Message Service (JMS) queue

Correct Answer: C

QUESTION 7

The integration team has reported a problem in testing a few deployed MDBs. By design, each MDB listens to one of four named queues. Two producers write messages to each queue. The test issues messages of the same payload type that each producer will send, but varies the number or size of these messages to measure the messaging server's performance.

The team has noticed that the utilization remains at the same high rate any time the test writes messages destined for the third MDB. The message server log does not reveal any failure in sending messages to this MDB. Which anticipation expresses cause for this condition?

- A. Hot Potato
- B. Leaky Abstraction
- C. Cache less Cow
- D. Golden Hammer

Correct Answer: A

QUESTION 8

Your development team wants to use Google Guice. A previous architect assigned this request a low priority, citing the complexity of integration and no compelling benefits statements from the requesting team.

The team claims that their colleagues have achieved the integration using a pattern. This pattern reduced the level of difficulty and risk and did not require vendor support.

Which pattern fits this description?

- A. Context Holder
- B. Service Starter
- C. Dependency Injection Extender
- D. Bean Locator

Correct Answer: C

QUESTION 9

Which two statements are true about transport-layer security?

- A. It applies to both a message body and its attachments.
- B. It is loosely coupled with the transport-layer protocol.
- C. It is an end-to-end security mechanism.
- D. It prevents the captured data from being replayed at a later time. 100% Real QandAs | 100% Real Pass

Correct Answer: AD

QUESTION 10

You are the architect of an application that reads from and writes to multiple systems. The application must participate in an existing transaction to update a database using JDBC, and also invoke a transactional method on a remote system as part of the same transaction. Which two technologies would you suggest, to access remote system, for this application?

- A. Java Connector Architecture (JCA)
- B. java Message Service (JMS)
- C. Remote Method Invocation (RMI)
- D. Simple Object Access Protocol (SOAP)

Correct Answer: AC

QUESTION 11

A manufacturing company has a large investment in a legacy Inventory Management System (IMS) developed with third-party technologies. You have been asked to design a Java EE application that interacts with it.

You would like to ensure the following:

Minimal application code is required to parse the communication messages.

Communication is asynchronous and stateless.

Performance impact of the existing system is minimal.

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Which two technologies combined would meet these requirements?

- A. XML
- B. JSON
- C. RMI

D. JAX-RS

E. JAX-WS

Correct Answer: BD

QUESTION 12

You are integrating with a single legacy Enterprise Information System. You are interested in the transaction management capabilities of Java Connector Architecture. This new system needs the capability to invoke multiple operations against this single legacy system. these operations succeeded together or fail together as a group.

To which minimum level of transaction management do you set your resource adapter?

A. No transaction

B. Local transaction 100% Real QandAs | 100% Real Pass

C. Distributed transaction

D. Container-managed transaction

Correct Answer: B

QUESTION 13

An online library wants to introduce a feature where an email notification is generated whenever a book becomes available for circulation. This notification must be sent to only those members who have expressed interest in that book.

Which design pattern would you use to implement this requirement?

A. Observer

B. Payload Extractor

C. Asynchronous Resource Integrator

D. Web Service Broker

E. Service Starter

Correct Answer: A

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QUESTION 14

You are the architect for XYZ bank. XYZ is redesigning their online banking offering and you need to ensure that the new design follows security best practices for the JEE platform.

Select three security best practices for JEE applications.

- A. Schedule regular penetration testing.
- B. Log all security related application events.
- C. Implement an exception-handling strategy.
- D. Encrypt data, both on the wire and at rest.
- E. Use both programmatic and declarative security.
- F. Treat users as untrusted even when authenticated. 100% Real QandAs | 100% Real Pass

Correct Answer: BCE

QUESTION 15

Which three actions represent best practices when implementing an exception handling strategy for an application?

- A. Create a custom checked exception if an alternative action can be taken to resolve the exception.
- B. Create a custom unchecked exception if the action to resolve the exception cannot be defined.
- C. Always log the specific exception before re-throwing a wrapped exception.
- D. Always throw exceptions in methods that are designed for exception handling.
- E. Always include information specific to the error when logging an exception.

Correct Answer: ABE

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