

Vendor: SUN

Exam Code: 310-090

Exam Name: Sun Certified Business Component

Developer for J2EE 1.3

Version: Demo

An enterprise bean calls the javax.naming.Context.rebind method to modify the value associated

with an environment entry. What is the expected behavior?

A. A javax.naming.OperationNotSupportedException is thrown.

B. The value is successfully modified but the new value is only available to new instances of the

enterprise bean.

C. The value is successfully modified and the new value is available to all instances of the

enterprise bean.

D. The value is successfully modified but the new value is only available after server restart.

Answer: A

QUESTION NO: 2

Given:

A bean calls setRollbackOnly on the EJBContext interface within a transactional business method.

Which two statements are true? (Choose two.)

A. The container will ensure that the transaction will never commit.

B. The bean must have started the current transaction for this to be legal.

C. The bean must have bean-managed transaction demarcation for this to be legal.

D. The bean must have container-managed transaction demarcation for this to be legal.

E. The transaction timeout is immediately disabled.

Answer: A,D

Which two statements about EJB roles and their security responsibilities are true? (Choose two.)

A. The Deployer assigns principals to the security roles defined in an EJB application.

B. The Bean Provider defines the security role references used by an enterprise bean.

C. The Application Assembler declares the principals used by the security roles.

D. The System Administrator creates security roles for an EJB application.

Answer: A,B

QUESTION NO: 4

Given:

A stateful session bean allocates resources in the ejbCreate method and releases the resources in the ejbRemove method.

When will this resource release strategy fail?

A. after a transaction rollback

B. after a system exception is thrown from the instance's method to the container

C. after a timeout of client inactivity while the instance is in the active state

D. after normal completion of a transaction

Answer: B

Which is a responsibility of the EJB 2.0 container, with respect to session beans?

- A. invoking the home interface create method
- B. invoking the setSessionContext method
- C. implementing an afterBegin method, if declared in the bean's remote interface
- D. implementing a class that implements javax.ejb.SessionBean

Answer: B

QUESTION NO: 6

Given this session bean code:

- public void ejbActivate() {
- 5. // method is empty

6.}

Which two are guaranteed to be true? (Choose two.)

- A. There is no requirement that the bean expose a local client view.
- B. A client cannot invoke this method.
- C. This method is contained in a final class.
- D. All of the instance variables in this class are serializable.
- E. This is not a stateful session bean.

Answer: A,B

QUESTION NO: 7

Which statement is true about BOTH stateful session beans and stateless session beans?

- A. The container passivates them using the ejbPassivate / ejbActivate methods.
- B. Any bean instance must be able to handle concurrent invocations from different threads.
- C. A bean with bean-managed transactions must commit or roll back any transaction before returning from a business method.
- D. Bean instances are not required to survive container crashes.

Answer: D

Who must ensure that a bean's environment entries are set to meaningful values?

- A. EJB Container Provider
- B. System Administrator
- C. Bean Provider
- D. Deployer
- E. EJB Server Provider
- F. Application Assembler

Answer: D

QUESTION NO: 9

Given:

A stateful session bean allocates resources in the ejbCreate method and releases the resources in the ejbRemove method.

When will this resource release strategy fail?

- A. after a timeout of client inactivity while the instance is in the active state
- B. after a transaction rollback
- C. after a system exception is thrown from the instance's method to the container
- D. after normal completion of a transaction

Answer: C

QUESTION NO: 10

Which method can be found in BOTH the EJBHome and EJBLocalHome interface?

- A. remove(Object primaryKey)
- B. remove(Handle handle)
- C. getEJBMetaData()
- D. getHomeHandle()

Answer: A

QUESTION NO: 11

Which statement is correct when a container throws a javax.transaction.TransactionRequiredException?

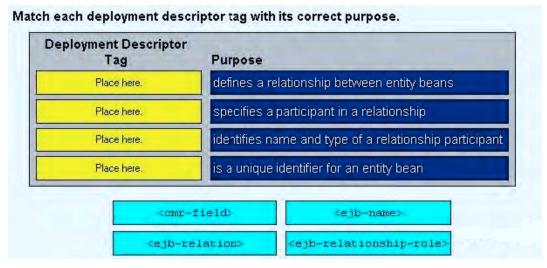
- A. The container throws this exception to a local client to indicate a transaction attribute violation.
- B. The container throws this exception to a remote client to indicate a transaction attribute violation.
- C. The container throws this exception to a remote client to indicate a transaction rollback.
- D. The container throws this exception to a local client to indicate a transaction rollback.

Answer: B

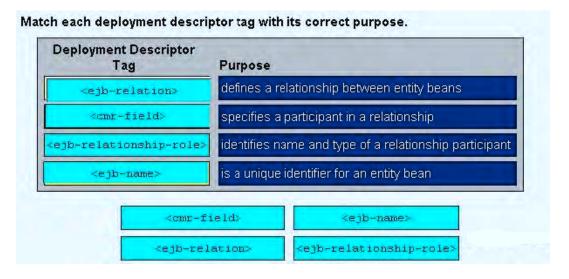
QUESTION NO: 12 DRAG DROP

Click the Task button.

Place the deployment descriptor tags on their correct purpose.



Answer:



Which is a valid implementation of a message-driven bean's ejbCreate method?

A. public void ejbCreate()

throws javax.ejb.CreateException {}

- B. public void ejbCreate() { return; }
- C. public javax.ejb.MessageDrivenBean ejbCreate() {}
- D. public void ejbCreate(javax.jms.Message message) {}

Answer: B

QUESTION NO: 14

Which two are required to properly implement a CMP entity bean class? (Choose two.)

- A. Provide implementation code for get and set methods to store and retrieve the persistent fields.
- B. Declare variables for all persistent fields.
- C. Provide constructors to initialize the CMP fields.
- D. Do not implement the ejbFind<METHOD> methods.
- E. Implement ejbCreate<METHOD> methods for all home interface create<METHOD> methods.

Answer: D,E

QUESTION NO: 15

Which two are requirements for a session bean's local component interface? (Choose two.)

- A. The Bean Provider must define one or more create<METHOD> methods.
- B. Method arguments and return types must follow the rules for RMI/IIOP.
- C. The interface must extend the javax.ejb.EJBObject interface.
- D. Each business method must have a matching method in the session bean's class.
- E. All methods' throws clauses must not include the java.rmi.RemoteException.

Answer: D,E

QUESTION NO: 16

Which two statements are true? (Choose two.)

A. The EJB container is not required to support publishing home references in a CORBA CosNaming service.

- B. The EJB container must allow IIOP invocations on remote component and home interfaces.
- C. The EJB container must allow enterprise beans deployed in the same enterprise archive to access one another directly without having to go through home or remote interfaces.
- D. The EJB container must not allow the same enterprise bean to be deployed multiple times.
- E. The EJB container must implement the resource manager connection factory classes for resource managers configured with the container.

Answer: B,E

QUESTION NO: 17

Given:

- 4. first = home.create();
- 5. second = home.create();
- result = first.isIdentical(second);

Assume home is a valid reference to a session object's home interface, and all values have been properly declared.

Which two statements are true about the value of result? (Choose two.)

- A. If both beans are stateful, the value of result cannot be determined until runtime.
- B. If both beans are stateful, result is always true.
- C. If both beans are stateless, the value of result cannot be determined until runtime.
- D. If both beans are stateful, result is always false.
- E. If both beans are stateless, result is always true.
- F. If both beans are stateless, result is always false.

Answer: D,E

QUESTION NO: 18

Given the methods:

setSessionContext ejbCreate ejbRemove

afterBegin

Which two operations are allowed in ALL of the methods, given a stateful session bean with container-managed transaction demarcation? (Choose two.)

- A. a call to SessionContext method getEJBHome
- B. access to an enterprise bean
- C. a call to SessionContext method isCallerInRole
- D. JNDI access to environment entries

Answer: A,D

QUESTION NO: 19

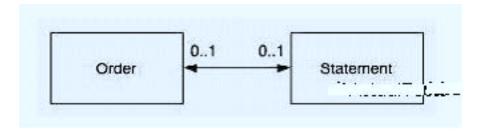
Which two can be found in an entity bean's home interface? (Choose two.)

- A. the ejbCreate method declaration
- B. create<METHOD> method declarations
- C. the findByPrimaryKey method declaration
- D. persistent field accessor method declarations
- E. ejbSelect<METHOD> method declarations

Answer: B,C

QUESTION NO: 20

Given the CMR:



and the object bi-directional relations:

order1 references statement1 order2 references statement2

After executing:

order1.setStatement(order2.getStatement());

which two statements are correct? (Choose two.)

- A. order2 references statement1.
- B. The order reference of statement2 is null.
- C. order1 references statement1.
- D. order1 references statement2.

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