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# **Q&A**

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**Exam** : **1Z0-860**

**Title** : Java Enterprise Edition 5  
Business Component  
Developer Certified  
Professional Exam

**Version** : Demo

1. Given the following stateful session bean:

- 10. @Stateful
- 11. @TransactionAttribute(TransactionAttributeType.SUPPORTS)
- 12. public class VideoBean implements Video {
- 13. // insert code here
- 14. public void methodA() {}
- 15. }

Assuming no other transaction-related metadata, which code can be added at Line 13 to guarantee that business method methodA will execute only if invoked with an active transaction?

- A. @TransactionAttribute(TransactionAttributeType.REQUIRED)
- B. @TransactionManagement(TransactionAttributeType.CONTAINER)
- C. @TransactionAttribute(TransactionAttributeType.MANDATORY)
- D. @TransactionAttribute(TransactionAttributeType.REQUIRES\_NEW)

**Answer: C**

2. Given the following client-side code that makes use of the session bean Foo:

- 10. @EJB Foo bean1;
- 11. @EJB Foo bean2; //more code here
- 20. boolean test1 = bean1.equals(bean1);
- 21. boolean test2 = bean1.equals(bean2);

Which two statements are true? (Choose two.)

- A. If Foo is stateful, test1 is true, and test2 is true.
- B. If Foo is stateful, test1 is true, and test2 is false.
- C. If Foo is stateless, test1 is true, and test2 is true.
- D. If Foo is stateful, test1 is false, and test2 is false.
- E. If Foo is stateless, test1 is true, and test2 is false.
- F. If Foo is stateless, test1 is false, and test2 is false.

**Answer: B, C**

3. Which statement about entity manager is true?

- A. A container-managed entity manager must be a JTA entity manager.
- B. An entity manager injected into session beans can use either JTA or resource-local transaction control.
- C. An entity manager created by calling the Entity Manager Factory.createEntityManager method always uses JTA transaction control.
- D. An entity manager obtained through resource injection in a stateful session bean can use a resource-local EntityTransaction for transaction control.

**Answer: A**

4. Which statement is true about the use of a persist operation in a transaction?

- A. If a user persists a detached object it always becomes managed.
- B. The persist operation on an entity always cascades to its related entities.
- C. If a user persists a new entity with an existing primary key the transaction will fail.
- D. If a user persists a managed entity an exception may be thrown by the persist operation.

**Answer: C**

5. A developer writes a stateless session bean with one local business interface and with container-managed transactions. All business methods have transaction attribute REQUIRED. The bean has an injected field sessionCtx of the type Session Context.

Which two operations are allowed in a business method of the bean? (Choose two.)

- A. sessionCtx. getEJBObject
- B. sessionCtx.setRollbackOnly
- C. sessionCtx. getMessageContext
- D. sessionCtx. getBusinessObject
- E. sessionCtx. getEJBLocalObject

**Answer:** B,D