



310-092

(Sun Cert Bus Component Developer Java EE Platform 5, Upgrade)

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Question: 1

A developer wants to create a business interface for both local and remote usage. For performance reasons the remote interface should NOT be called by a client in the same JVM. Which statement is required to accomplish this, assuming there is no deployment descriptor?

- A. The business methods are defined in one interface which must be annotated with both `@Local` and `@Remote`.
- B. The business methods are defined twice in one interface. One method is annotated with `@Local` and the other is annotated with `@Remote`.
- C. The business methods are defined in a common interface by two other interfaces which are annotated with `@Local` and `@Remote` respectively. The bean implements the super interface.
- D. The business methods are defined in a common interface. It is extended by two interfaces, annotated with `@Local` and `@Remote` respectively. Both interfaces are implemented by the bean class.

Answer: D

Question: 2

A developer is creating an entity which is mapped to a table that has a primary key constraint defined on two character columns and would like to use mapping defaults as much as possible to simplify the code. Which two mapping options can be chosen? (Choose two.)

- A. Use an `@Id` property that constructs a private field as a concatenation of two columns.
- B. Use a separate class to map those two columns and use an `@IdClass` annotation to denote the primary key field or property in the entity.
- C. Use a separate `@Embeddable` class to map those two columns and use an `@EmbeddedId` annotation to denote a single primary key field or property in the entity.
- D. Use a separate `@Embeddable` class to map those two columns and add two fields or properties to the entity, each marked as `@Id`, that correspond to the fields or properties in the embeddable class.
- E. Use a separate class to map those two columns. Specify that class using `@IdClass` annotation on the entity class. Add two fields or properties to the entity, each marked as `@Id`, that correspond to the fields or properties in that separate class.

Answer: C, E

Question: 3

A developer maps the abstract entity class `Account` with concrete entity sub-classes `CreditCardAccount` and `SavingsAccount` using the single table per class hierarchy strategy. Which two statements are true? (Choose two.)

- A. Instances of `CreditCardAccount` and `SavingsAccount` are stored in the same table.

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- B. All columns that correspond to fields declared in Account must be defined as null able in the database.
- C. The fields declared in Account are stored in a different table than the ones declared in CreditCardAccount.
- D. All columns that correspond to fields declared in SavingsAccount must be defined as null able in the database.

Answer: A, D

Question: 4

A developer writes a Java EE application that contains two persistence units named FooPU and BarPU. The application also contains a session bean. Which of the following annotations on the session bean's EntityManagerFactory is correct?

- A. @PersistenceUnit(name="FooPU")
- B. @PersistenceContext(name="FooPU")
- C. @PersistenceUnit(name="BarPU")
- D. @Resource(name="BarPU", type=EntityManagerFactory.class)

...r file. The persistence unit is stateless. Which of the following annotations on the class, injects an EntityManagerFactory?

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Answer: C

Question: 5

Which two are true?

- A. The javax.ejb.NamingContextRef annotation is used to reference a NamingContext.
- B. The javax.ejb.EJBLocalBean annotation is used to reference a local bean.
- C. The javax.ejb.EJBLocalBean annotation is used to reference a remote bean.
- D. An application can contain multiple persistence units.
- E. The javax.ejb.EJBLocalBean annotation is used to reference a remote bean.

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Answer: B, D

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