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QUESTION 1

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.

Correct Answer: C

QUESTION 2

The execution of the find method in the following code throws an exception:

11.

```
em.find(Customer.class, custId);
```

12.

```
//Where em is a reference to a extended scoped entity manager.
```

Which scenario can cause the exception?

- A. The find method was called without a transaction.
- B. The entity corresponding to the requested primary key has been removed.
- C. The entity corresponding to the requested primary key has been detached.
- D. The data type of custId is NOT a valid type for the Customer entity primary key.

Correct Answer: D

QUESTION 3

A developer is working on a user registration application using EJB 3.0. A business method registerUser in stateless session bean RegistrationBean performs the user registration. The registerUser method executes in a transaction context started by the client. If some invalid user data causes the registration to fail, the client invokes registerUser again with corrected data using the same transaction. Which design can meet this requirement?

- A. Have registerUser method call EJBContext.setRollbackOnly() method after registration fails.
- B. Have registerUser method throw javax.ejb.EJBTransactionRequiredException after registration fails.

C. HaveregisterUser method throw EJBException without marking the transaction for rollback, after registration fails.

D. Create an application exception withtherollbackattributeset to falseandhave registerUser method throwit afterregistration fails.

Correct Answer: D

QUESTION 4

A developer wants to implement a relationship between Company and Department entity classes. Every department belongs to one company, and one company has several departments. In this application it is essential to quickly determine which company a department belongs to and to also easily access all departments of a given company. Which two declarations provide a solution to these requirements? (Choose two.)

A. In class Department @ManyToOne private Company company;

B. In class Department @OneToMany private Company company;

C. In class Department: @OneToMany(mappedBy="department") private Collection companies;

D. In class Company: @ManyToOne(mappedBy="company") private Collection departments;

E. In class Company: @OneToMany(mappedBy="company") private Collection departments;

Correct Answer: AE

QUESTION 5

Given the following entity class:

11.

```
@Entity public class Customer)
```

12.

```
@Id private int id;
```

13.

```
private transient String name;
```

14.

```
private Jav
```

a.

```
math. BigDecimal grossAmmount;
```

15.}

Which mapping annotation can be added to the fields of this entity?

A.

@Column to the name field

B.

@EmbeddedId to the id field

C.

@Basic to the grossAmount field

D.

@JoinColumn to the grossAmount field

Correct Answer: C

QUESTION 6

A developer is required to declare a persistent entity named Truck to map to a database table VEHICLE. Which entity class declaration is correct, assuming there is NO mapping descriptor?

A. 1. @Entity(name="VEHICLE") public class Truck {

2.

@Id int vehId;

3.

double payload;

4-}

B. 1. @Entity(table="VEHICLE") public class Truck {

2.

@Id int vehId;

3.

double payload;

4-}

C. 1. @Embedded @Table("VEHICLE") public class Truck {

2.

@Id int vehId;

3.

double payload;

4-i

D. 1. @Entity @Table(name="VEHICLE") public class Truck {

2.

@Id int vehId;

3.

double payload;

4.1

Correct Answer: D

QUESTION 7

A developer wants to perform programmatic access control inside EJB 3.0 session beans. This is needed because some permissions can be determined only at application runtime. Which method achieves this goal?

- A. `javax.ejb.EJBContext.getRollbackOnly()`
- B. `java.lang.SecurityManager.checkAccess(Thread t)`
- C. `javax.interceptor.InvocationContext.getTarget()`
- D. `javax.ejb.SessionContext.isCallerInRole(String roleName)`
- E. `javax.servlet.http.HttpServletRequest.getUserPrincipal()`

Correct Answer: D

QUESTION 8

An enterprise bean has security permissions set up using declarative security features. Under which two conditions can a client be guaranteed to have permission to invoke a business method on the enterprise bean? (Choose two.)

- A. The Application Assembler has marked the enterprise bean method as unchecked.
- B. The client's principal has been assigned a security role with permission to invoke the method.
- C. The Application Assembler has set the security-identity deployment descriptor to run-as.

D. TheApplicationAssemblerhas mapped all security role references using the role-link element.

Correct Answer: AB

QUESTION 9

The Java Persistence API defines EntityTransaction interface. Which statement is correct?

- A. It is used to control transactions on JTA entity managers.
- B. It is used to control transactions on resource-local entity managers.
- C. All methods of this interface will throw HlegalStateException if a transaction is NOT active.
- D. Calling getTransaction method on a closed entity manager will throw an HlegalStateException.

Correct Answer: B

QUESTION 10

A developer wants to create a Java Persistence query that restricts the results of an age- based query. Specifically, the developer wants to select everyone who is NOT a teenager. (A teenager is someone who is 13,14,15,16,17,18, or 19 years old.)

Which expression in the query\\'s WHERE clause is correct?

- A. WHERE p.age NOTBETWEEN12and20
- B. WHERE p.age NOTBETWEEN 13and20
- C. WHERE p.age NOT BETWEEN12and 19
- D. WHERE p.age NOT BETWEEN 13 and 19

Correct Answer: D

QUESTION 11

Which two statements are true? (Choose two.)

- A. Alltypes ofenterprise beans can be transaction-aware.
- B. Typically, fine-grained objects, such as an employee record, should be remotely accessible.
- C. Theclientview ofanygiven enterprise bean will be consistent acrossall EJB3.0 containers withouttheneed to recompile the bean.

D. As long as a given enterprise bean is NOT recompiled, its security attributes are guaranteed to be consistent across all EJB 3.0 containers in which it is deployed.

Correct Answer: AC

QUESTION 12

A Java EE 5 application contains a session bean which uses a security role USER. A group called people is defined in an LDAP server. Which two define appropriate EJB role responsibilities? (Choose two.)

- A. The deployer defines and configures the LDAP realm.
- B. The system administrator defines and configures the LDAP realm.
- C. The deployer maps the application role USER to the LDAP group people.
- D. The system administrator maps the application role USER to the LDAP group people.

Correct Answer: BC

QUESTION 13

Which three roles will typically edit an ejb-jar? (Choose three.)

- A. Deployer
- B. EJBServer Provider
- C. PersistenceProvider
- D. System Administrator
- E. ApplicationAssembler
- F. EnterpriseBeanProvider

Correct Answer: AEF

QUESTION 14

A developer creates the following session bean:

10.

©Stateless

11.

@RolesAllowed("SECRET")

12.

```
public class MyBean implements MyInterface {
```

13.

```
public void methodAOJ}
```

14.

@PermitAll

15.

```
public void methodB0 {}
```

16.

@DenyAll

17.

```
public void methodC0 {}
```

18.

} No deployment descriptor is supplied. Which two statements are true? (Choose two.)

- A. A user in the role "SECRET" will be able to access all of the methods.
- B. A user in the role "FOO" will be able to access methodA and methodB.
- C. A user without any role will be able to access methodB but NOT methodA.
- D. A user in the role "SECRET" will be able to access methodA and methodB.
- E. A user in the role "SYSADM" will be able to access methodA, methodB, and methodC.

Correct Answer: CD

QUESTION 15

A business method of a stateless session bean with a transaction attribute REQUIRED executes a Java Persistence query on a container-managed persistence context. Under which two conditions can the developer expect the persistence provider to ensure that all changes made to the persistence context in the transaction are visible to the processing of the query? (Choose two.)

- A. The flush mode is NOT explicitly set.
- B. The flush mode on the Query object is set to COMMIT.

C. The refresh method on the EntityManager is called.

D. The flush mode on the persistence context is set to AUTO but is NOT specified for the Query object.

Correct Answer: AD

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