

Enterprise Frameworks and APIs EJB Basics

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1. Basics

4. Chapter: Basics

1. Basics Questions

4.1.1. EJB 3.0 specifications are implemented in :

Author: JavaChamp Team

EJB 3.0 specifications are implemented in :

Please choose only one answer:

- Java EE 3
- Java EE 4
- Java EE 5

Check the answer of this question online at QuizOver.com:

Question: [when were ejb 3 introduced in java ee?](#)

Flashcards:

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4.1.2. What is the difference between stateful session beans and stateless...

Author: JavaChamp Team

What is the difference between stateful session beans and stateless session beans?

Please choose all the answers that apply:

- Stateless session beans are lighter in weight and easier to manage than their stateful counterparts
- Stateful session beans are pooled to increase performance due to their heavy content, whereas stateless beans are not pooled for the opposite reason
- Both stateful session beans and stateless session beans can survive a server crash.
- As the name implies, a Stateful session bean can remember its state with a client, in contrast to a Stateless session bean, which cannot

Check the answer of this question online at QuizOver.com:

Question: [ejb stateful vs. stateless session beans](#)

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4.1.3. The three types of EJBs are :

Author: JavaChamp Team

The three types of EJBs are :

Please choose all the answers that apply:

- POJO
- Transfer object
- Session bean
- Message-driven bean
- Transaction bean
- Entity bean

Check the answer of this question online at QuizOver.com:

Question: [types of ejbs](#)

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4.1.4. What is true about EJB ?

Author: JavaChamp Team

What is true about EJB ?

Please choose only one answer:

- In a deployed application, both session and entity beans are managed by what is called a session container
- In a deployed application, both session and entity beans are managed by what is called EJB container
- In a deployed application, session beans are managed by what is called SessionContext
- In a deployed application, entity beans are managed by what is called EntityContext

Check the answer of this question online at QuizOver.com:

Question: [ejb container services](#)

Flashcards:

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4.1.5. A Stateful session bean can remember its state and the conversation...

Author: JavaChamp Team

A Stateful session bean can remember its state and the conversation with the client, but sometimes due to performance issues, the container needs to remove the Stateful session bean from the memory releasing its attached resources, what is true about this process?

Please choose all the answers that apply:

- The Stateful session bean itself persists itself for later activation
- The EJB container is the one responsible for managing and serializing the state of the Stateful Session bean
- Just before this process (passivating), the container calls the `ejbPassivate()` method
- Just before this process (passivating), the container calls the `ejbRemove()` method

Check the answer of this question online at QuizOver.com:

Question: [stateful session bean passivation](#)

Flashcards:

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4.1.6. What is an Entity Bean?

Author: JavaChamp Team

What is an Entity Bean?

Please choose only one answer:

- It is an object representing data which is fetched from and can be stored to a persistent data store
- It holds the state of the associated stateful session bean
- It is the facade to access the system data store

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Question: [ejb entity bean definition](#)

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4.1.7. What is NOT true about Entity beans?

Author: JavaChamp Team

What is NOT true about Entity beans?

Please choose only one answer:

- Entity beans can survive a system crash
- Entity beans are not pooled
- Entity beans cannot be stateless
- Entity beans are transactional

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Question: [entity beans features](#)

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4.1.8. What is not a state in the EJB 3 Entity beans life cycle states?

Author: JavaChamp Team

What is not a state in the EJB 3 Entity beans life cycle states?

Please choose only one answer:

- Does not exist
- Removed
- Passive
- Detached

Check the answer of this question online at QuizOver.com:

Question: [entity beans life cycle states](#)

Flashcards:

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4.1.9. When to opt BMP (bean-managed persistence) over CMP (container-mana...

Author: JavaChamp Team

When to opt BMP (bean-managed persistence) over CMP (container-managed persistence)?

Please choose only one answer:

- when the application developed will serve a large number of users
- when the project budget permits
- when you would like to add to your CV a BMP experience
- when you data is a mix of relational database and legacy data sources
- when CMP does not provided the intended tasks

Check the answer of this question online at QuizOver.com:

Question: [bean managed persistence versus container managed persistence](#)

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4.1.10. When to opt an EJB-centric solution for your yet to be developed sy...

Author: JavaChamp Team

When to opt an EJB-centric solution for your yet to be developed system?

Please choose all the answers that apply:

- when the system is distributed
- when the system is transactional
- to create a data entry system
- when you are developing a content-management system, which serves only static pages

Check the answer of this question online at QuizOver.com:

Question: [when to choose ejb?](#)

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4.1.11. Managing permissions to methods (securing invoking methods to speci...

Author: JavaChamp Team

Managing permissions to methods (securing invoking methods to specific roles), can be applied by:

Please choose all the answers that apply:

- using the xml deployment descriptor
- using annotations (in EJB 3.x)
- using digital signature
- programmatically using `isCallerInRole()` and `getCallerPrincipal()`

Check the answer of this question online at QuizOver.com:

Question: [container-managed vs. bean-managed security in ejb](#)

Flashcards:

<http://www.quizover.com/flashcards/containermanaged-vs-beanmanaged-security-in-ejb?pdf=3044>

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4.1.12. getCallerPrincipal() and isCallerInRole() are methods used to manag...

Author: JavaChamp Team

getCallerPrincipal() and isCallerInRole() are methods used to manage methods security programmatically, where are they defined?

Please choose only one answer:

- in the session and entity beans
- in EntityContext and SessionContext objects
- in EJBHome class
- in EJBObject class

Check the answer of this question online at QuizOver.com:

Question: [what methods are defined in entitycontext and sessioncontext?](#)

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<http://www.quizover.com/flashcards/what-methods-are-defined-in-entitycontext-and-sessioncontext?pdf=3044>

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4.1.13. What services EJB containers provide to Session beans?

Author: JavaChamp Team

What services EJB containers provide to Session beans?

Please choose all the answers that apply:

- Caching and pooling
- EJB life cycle management
- HTTP requests management
- RMI services

Check the answer of this question online at QuizOver.com:

Question: [What services EJB containers provide to Session beans?](#)

Flashcards:

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4.1.14. Both Statefull session beans and Stateless session beans have the p...

Author: JavaChamp Team

Both Statefull session beans and Stateless session beans have the potential to be pooled.

Please choose only one answer:

- true
- false

Check the answer of this question online at QuizOver.com:

Question: [can statefull session beans be pooled?](#)

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<http://www.quizover.com/flashcards/can-statefull-session-beans-be-pooled?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/can-statefull-session-beans-be-pooled?pdf=3044>

4.1.15. Where can the initial number of instances of session beans to be po...

Author: JavaChamp Team

Where can the initial number of instances of session beans to be pooled in EJB container specified?

Please choose only one answer:

- the number is specified using EJB3 annotaion
- the number is specified in web.xml configuration file
- the number is specified in the external deployment descriptor

Check the answer of this question online at QuizOver.com:

Question: [how to define the size of ejb container pool?](#)

Flashcards:

<http://www.quizover.com/flashcards/how-to-define-the-size-of-ejb-container-pool?pdf=3044>

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