



JAVA TRAINING

Developing Applications For The Java Ee 7 Platform Ed 1 Quiz Questions Answers

Master Java EE 7 application development. Learn to build robust enterprise solutions and excel in your IT career.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intensive 2-hour course, "Developing Applications For The Java EE 7 Platform Ed 1 Quiz Questions Answers," is meticulously designed for intermediate Java developers looking to solidify their understanding and practical application of the Java Enterprise Edition 7 platform. It dives deep into the core components and APIs that power modern enterprise applications, including Servlets, JavaServer Pages (JSP), Enterprise JavaBeans (EJB), Java Persistence API (JPA), Contexts and Dependency Injection (CDI), and RESTful Web Services with JAX-RS. Participants will gain a robust foundation in building scalable, secure, and performant enterprise-grade solutions. The course focuses on practical application and conceptual mastery, ensuring that you not only understand the theory but can also effectively apply Java EE 7 principles to real-world scenarios. By exploring common quiz questions and their detailed answers, learners will reinforce their knowledge, identify critical areas for development, and grasp best practices for designing and implementing complex business logic. This methodology is particularly beneficial for those preparing for certifications or looking to enhance their problem-solving capabilities within the Java EE ecosystem. Upon completion, you will be equipped with the confidence and expertise to develop robust enterprise applications, troubleshoot common issues, and contribute effectively to Java EE 7 projects. The benefits extend to a stronger profile in the competitive IT landscape, opening doors to advanced development roles and enabling you to architect and build sophisticated distributed systems.

Duration	2 hours
Level	Intermediate
Vendor	Java

COURSE CURRICULUM

01 Module 1: Introduction to Java EE 7 & Web Tier Fundamentals

- Java EE 7 Architecture Overview
- Servlets 3.1 and Request Processing
- JavaServer Pages (JSP 2.3) and Expression Language
- Introduction to JavaServer Faces (JSF 2.2) Components
- WebSockets 1.0 for Real-time Communication

02 Module 2: Enterprise Business Logic with EJB & CDI

- Enterprise JavaBeans (EJB 3.2) Overview
- Session Beans (Stateless, Stateful, Singleton)
- Message-Driven Beans (MDB)
- Contexts and Dependency Injection (CDI 1.1)
- Interceptors and Decorators for AOP

03 Module 3: Persistence with JPA & Transaction Management

- Java Persistence API (JPA 2.1) Fundamentals
- Entity Mapping and Relationships
- JPQL and Criteria API for Querying
- Transaction Management with JTA
- Optimistic and Pessimistic Locking Strategies

04 Module 4: Developing RESTful Web Services & Security

- JAX-RS 2.0 (RESTful Web Services) Development
- JSON-B (JSON Binding) for Data Exchange
- Consuming RESTful Services

- Java EE Security (Authentication and Authorization)
- Declarative and Programmatic Security

05 Module 5: Concurrency, Messaging & Advanced Topics

- Java EE Concurrency Utilities
- Java Message Service (JMS) with MDBs
- Batch Applications for Java Platform (JSR 352)
- Asynchronous EJB Methods
- Deployment Descriptors and Packaging (WAR/EAR)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise Java Backend Developer**
- > **Java EE Solutions Architect**
- > **RESTful Web Services Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What level of Java SE proficiency is expected before enrolling in this Java EE 7 applications development course?

This course assumes an intermediate understanding of Java Standard Edition (SE). You should be comfortable with core Java concepts such as object-oriented programming, collections, generics, multithreading basics, and exception handling. Prior experience with JDBC and basic web development concepts (like HTTP requests) would also be beneficial, as the course quickly progresses into enterprise-level topics.

Q: Given the title "Quiz Questions Answers," how will this course improve my practical application development skills beyond just answering questions?

While the course leverages quiz questions and answers to reinforce understanding, its primary goal is to deepen your grasp of Java EE 7 concepts essential for practical development. Each question and solution is framed within a real-world context, helping you understand **why** certain design choices are made and **how** different Java EE 7 components interact. This approach strengthens your problem-solving abilities, encourages critical thinking, and translates theoretical knowledge into practical application design and implementation skills.

Q: Which specific Java EE 7 components and APIs are emphasized in the quiz questions and answers covered by this course?

This course places strong emphasis on key Java EE 7 specifications critical for enterprise development. You will find quiz questions and detailed answers covering Servlets 3.1, JSP 2.3, EJB 3.2 (Session, Message-Driven Beans), JPA 2.1 (entity relationships, queries), CDI 1.1, JAX-RS 2.0 for RESTful services, and Java EE Security. These components are frequently tested in certifications and are foundational for building robust, scalable enterprise applications.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

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READY TO ENROL?

Take the next step in your technology career.

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