

CERTIFICACIÓN PROGRAMADOR JAVA EE 1Z0-900

SOMOS Y FORMAMOS EXPERTOS EN T.I



Metodología

100% PRACTICO



Duración

20 HRS.

ACERCA DEL CURSO

OBJETIVOS PRINCIPALES

- Obtienes la preparación para la certificación Java EE 7 1Z0-900
- Obtienes acceso a más de 400 preguntas similares al examen de certificación

OBJETIVOS SECUNDARIOS

- Conoces las nuevas características de Java Enterprise con ejemplos prácticos

PREREQUISITOS

- Haber acreditado la certificación OCPJP 1Z0-819
 - Experiencia de 2 años programando con Java o haber cursado nuestro [Diplomado Java Empresarial](#).
- [¿Cuál es mi nivel en programación? clic aquí](#)

¡NUNCA DEJES DE APRENDER!

1. Understand Java EE Architecture

- 1.1 Describe Java EE 7 standards, containers, APIs, and services
- 1.2 Differentiate between application component functionalities as they apply to different tiers and containers, including Java EE Web Container, Business Logic implementation and WebServices
- 1.3 Create, package and deploy Java EE application
- 1.4 Demonstrate understanding of Enterprise JavaBeans and CDI beans, their lifecycle and memory scopes
- 1.5 Demonstrate understanding of the relationship between bean components, annotations, injections, and JNDI

2. Implement Business Logic by Using EJBs

- 2.1 Create session EJB components containing synchronous and asynchronous business methods, manage the life cycle container callbacks and use interceptors
- 2.2 Demonstrate understanding of how to control EJB transactions, distinguish Container Managed (CMT) and Bean Managed (BMT) transactions
- 2.3 Create EJB timers

3. Implement SOAP Services by Using JAX-WS and JAXB APIs

- 3.1 Create SOAP Web Services and Clients using JAX-WS API
- 3.2 Define Java to XML Schema mappings to marshal and unmarshal Java Objects by using JAXB API

4. Create Java Web Applications using JSPs

- 4.1 Describe JSP life cycle
- 4.2 Describe JSP syntax, use tag libraries and Expression Language (EL)
- 4.3 Handle errors using Servlets and Java Server Pages

5. Create Java Applications using WebSockets

- 5.1 Understand and utilise WebSockets communication style and lifecycle
- 5.2 Create WebSocket Server and Client Endpoint Handlers using JSR 356 API and JavaScript
- 5.3 Produce and consume, encode and decode WebSocket messages

6. Secure Java EE 7 Applications

- 6.1 Describe Java EE declarative and programmatic security and configure authentication using application roles and security constraints and Login Modules
- 6.2 Describe WebServices security standards

7. Use Concurrency API in Java EE 7 Applications

- 7.1 Demonstrate understanding of Java Concurrency Utilities and use Managed Executors

8. Manage Persistence using JPA Entities and BeanValidation

8.1 Create JPA Entity and Relationship Object-Relational Mappings (ORM)

8.2 Use Entity Manager to perform database operations, transactions and locking with JPA entities

8.3 Handle entity data with conversions, validations, and key generation

8.4 Create and execute JPQL statements

9. Use Java Message Service API

9.1 Describe the Java Message Service (JMS) messaging models and implement Java SE and Java EE message producers and consumers, including Message-Driven beans

9.2 Use transactions with JMS API

10. Create Java Web Applications using Servlets

10.1 Create Java Servlets, describe how they are mapped to urls and use HTTP methods

10.2 Handle HTTP headers, parameters, cookies

10.3 Manage servlet life cycle with container callback methods and WebFilters

11. Implement REST Services using JAX-RS API

11.1 Understand and Apply REST service conventions

11.2 Create REST Services and clients using JAX-RS API

12. Develop Web Applications using JSFs

12.1 Describe JSF architecture, lifecycle and navigation

12.2 Understand JSF syntax and use JSF Tag Libraries

12.3 Handle localisation and produce messages

12.4 Use Expression Language (EL) and interact with CDI beans

13. Use CDI Beans

13.1 Create CDI Bean Qualifiers, Producers, Disposers, Interceptors, Events and Stereotypes

14. Use Batch API in Java EE 7 Applications

14.1 Describe batch jobs using JSL XML documents and JSR 352 API

CERTIFICADO DIGITAL

Obtén una constancia que avala tu preparación, si cumples con la asistencia a tu capacitación y elaboras el proyecto final de cada curso, bootcamp o diplomado.

Registrado por la Secretaria del Trabajo y Previsión Social (México).



¡Te esperamos!

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