1Z0-599

Oracle WebLogic Server 12c Essentials
Exam Summary – Syllabus – Questions

Table of Contents

Introduction to 1Z0-599 Exam on Oracle WebLogic Server 12c Essentials

You can use this exam guide to collect all the information about Oracle WebLogic Server 12c Essentials (1Z0-599) certification. The Oracle 1Z0-599 certification is mainly targeted to those candidates who has some experience or exposure of WebLogic Server and want to flourish their career with Oracle WebLogic Server 12c Certified Implementation Specialist (OCS) credential. The Oracle WebLogic Server 12c Essentials certification exam validates your understanding of the WebLogic Server technology and sets the stage for your future progression. Your preparation plan for Oracle 1Z0-599 Certification exam should include hands-on practice or on-the-job experience performing the tasks described in following Certification Exam Topics table.

Oracle 1Z0-599 Certification Details:

Exam Name	Oracle WebLogic Server 12c Essentials
Exam Code	1Z0-599
Exam Product Version	WebLogic Server
Exam Price	USD $245 (Pricing may vary by country or by localized currency)
Duration	120 minutes
Number of Questions	78
Passing Score	63%
Validated Against	This exam has been validated against 12c
Format	Multiple Choice
Recommended Training	Oracle WebLogic Server 12c Implementation Specialist (available to partners only)
Schedule Exam	Pearson VUE - Oracle
Recommended Practice	**1Z0-599 Online Practice Exam**

Oracle 1Z0-599 Exam Syllabus:

_____

Cloud Application Foundation (CAF) Fundamentals	- Describe Cloud Application Foundation concepts - Identify components of WebLogic Suite - Identify differences between WebLogic Server (WLS) SE, EE & Suite - Describe the problem domain of Coherence with WLS - Describe Oracle Cloud Computing business drivers - Describe Virtual Assembly Builder Studio features - Describe supported and custom Appliances for Virtual Assemblies - Describe ActiveCache (WLS and Coherence)
WebLogic Server Fundamentals	- Describe the different WLS distributions that are available - Describe Enterprise Grid Messaging - Describe Active GridLink for Real Application Cluster (RAC) features - Explain WLS Domain concepts - Install WLS - Create and use WLS Domain Templates - Automate WLS administration tasks with WebLogic Scriptiong Tool (WLST) - Secure WLS resources and applications - Configure and use WLS Work Managers, Contexts and Constraints - Create and target JDBC Connection Pools - Create and target JMS Distributed Queues - Create and target JMS Distributed Topics - Configure and use WebLogic Diagnostic Framework (WLDF) - Configure and use JRockit Flight Recorder and WLDF integration - Tune the Application Server Environment including the Java Virtual Machine (JVM) for performance - Troubleshoot and debug WLS using logs and thread dumps
Deploy Java Enterprise Edition (EE) Applications	- Describe Java EE 6 and Developer Productivity features - Describe Java Integrated Development Environments (IDE) support - Describe Maven integration features - Describe Java SE packaging - Describe the structure and parts of a Java web application - Describe the structure and parts of a Java enterprise application - Deploy Java EE applications to WLS - Deploy Java EE applications using a Deployment Plan - Deploy WLS shared libraries and associate them with applications - Deploy applications using the WLS Administration Port and Side by Side Deployment - Use the Continuous Integration (CI) and Build Tools that

_____

	WLS supports (ANT, Maven, etc.) - Enable and use WLS Fast Swap for Rapid Redeployment - Troubleshoot classloading conflicts with the ClassLoader Analysis Tool - Describe WLS Spring Support and how Spring can utilize WLS features - Secure Java EE applications
WebLogic Server Management	- Use JRockit Mission Control to monitor WLS at runtime - Use JRockit Mission Control to view JRockit Flight Recorder and WLDF data - Monitoring and diagnose WLS for best performance - Use the WLS Admin Console to manage WLS - Start and stop WLS instances using the Node Manager
WebLogic Server Advanced Topics	- Describe the value that WLS offers above an EE container - Describe JDBC - Describe WLS Distributed JMS - Describe WLS Clustering - Use Scripting with WLS - Use Automation options for WLS - Describe Remote Procedure Calls (RPC) & Web Services Standards supported by WLS - Describe Web Session and XA Affinity features of Active GridLink - Configure WLS to store Transaction Logs in a Database - Configure systems for High Availability - Configure and use advanced JMS features: Store and Forward - Configure and use advanced JMS features: Unit of Order (UOO) and Unit of Work (UOW) - Configure and use TopLink Grid - Java Persistence API (JPA) and Coherence - Configure systems for ease of Disaster Recovery - Configure and use ActiveCache (WLS and Coherence) - Implement High Availablity (HA) in WLS with Service and Server Migration
WebLogic Server System Architecture	- Design a scaled-out solution with WLS - Architect a highly available WLS system - Use proxy web server - Use load balancer - Design a WLS system for maximum uptime, availability and business continuity
WebLogic Server Implementation Best Practices	- Create WLS system design consderations - Create a WLS Domain using best practices - Configure a WLS Cluster and Managed Servers using best practices - Configure the JVM where WLS runs using best practices - Configure JDBC Connection Pools using best practices - Configure JMS using best practices - Use Work Managers using best practices - Install with Node Manager using best practices

WebLogic Server Patching and Upgrading with SmartUpdate	- Describe how patches are applied to WLS - Apply a rolling patch strategy to a WLS Cluster to ensure maximum availability - Upgrade from WLS 10.3.3 to newer versions - Upgrade from Oracle Application Server (OC4J/OAS) to WLS - Describe Oracle offerings for upgrading from non-Oracle platforms to WLS
Integrate Enterprise Manager and WebLogic Server	- Integrate Enterprise Manager with WLS - Explain how to position WebLogic Management Pack EE - Describe Real Operation Automation - Describe Real Operation Insight - Use Enterprise Manager Lifecycle Management for WLS - Describe Enterprise Manager Real User Experience Insight - Describe Enterprise Manager Business Transaction Management for WLS - Describe Enterprise Manager Configuration Management for WLS

1Z0-599 Sample Questions:

01. Oracle Coherence is best classified as _____?
a) A Database Product
b) A Middleware Product
c) An Object Relational Mapping (ORM) Tool
d) A Soft Load Balancer
e) An Application Product

02. For real time event processing, which three clients can you use?
a) Java
b) C++
c) .NET
d) REST

03. Which four service offerings are included in Oracle Public Cloud?
a) Database Service
b) Data Service
c) Java Service
d) Security Service
e) .NET Service
f) SOA Service

04. Which four steps are involved to use Active Cache Dependency Injection in a WebLogic Java EE application?
a) Deploy Active Cache shared library
b) Declare dependency on the shared library
c) Declare all dependency injection entries
d) Package tangosol-coherence-override.xml in modules classpath
e) Package coherence-cache-config.xml in modules classpath

_____

05. To use Active Cache features in WebLogic 12c, which three libraries are needed from the WebLogic Server installation to be deployed in WebLogic Server?
a) coherence-work.jar
b) coherence.jar
c) active-cache-1.0.jar
d) coherence-web-spi.war

06. Which product has guaranteed messaging and transactional integrity for 100% reliability, over 25 years of use in the world's largest transaction applications?
a) Coherence
b) Tuxedo
c) JRockit
d) WebLogic Server

07. What are four benefits of recommended basic architecture?
a) Good load balancing between Presentation Tier and Object Tier
b) Easy administration
c) Flexible Load balancing
d) Optimal performance
e) Simple security

08. WebLogic Node Manager can be used to manage the life cycle of WebLogic servers. WebLogic Node Manager is installed and started _____.
b) Per Machine
c) Per Domain
d) Per Managed Server
e) Per Admin Server

09. Active Cache is the integration of Coherence and WebLogic Server. Which component is NOT part of this integration?
a) Coherence*Web
b) Coherence*Extend
c) TopLink Grid with Coherence
d) Coherence cluster lifecycle management in WebLogic Server
e) Named cache dependency Injection

10. In WebLogic 10.3.6 and WebLogic 12c on ExaLogic, performance of JMS is further improved through _____ and _____.
a) Web Session Affinity
b) Concurrent Request Manager
c) Coherence
d) Elastic Message Overflow

Answers to 1Z0-599 Exam Questions:

_____

QUESTION: 01	QUESTION: 02	QUESTION: 03	QUESTION: 04	QUESTION: 05
Answer: b	Answer: a, c	Answer: a, b, c, d	Answer: a, b, c, e	Answer: b, c, d
QUESTION: 06	QUESTION: 07	QUESTION: 08	QUESTION: 09	QUESTION: 10
Answer: b	Answer: b, c, d, e	Answer: a	Answer: b	Answer: b, d

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@oraclestudy.com