
Oracle Web Logic Server 11g: Administration Essentials

Duration: 5 Days **Course Code: O11GWLAE**

Overview:

This course trains Web administrators on techniques for installing and configuring Oracle WebLogic Server 11g. It also trains Web administrators to deploy Java EE applications to Oracle WebLogic Server 11g using the Administration Console and command-line and scripting tools such as WLST. Participants also learn to configure Oracle HTTP Server as the Web interface for Oracle WebLogic Server. Participants also learn to configure Oracle WebLogic Server cluster to support failover and load balancing for applications.

This course is aimed to provide an overview of the administrative tasks performed by a WebLogic Server administrator. At the end of the course, the participants will have gained knowledge at an associate level of competency. The follow up Oracle WebLogic Server 11g: Advanced Administration course provides a more in depth coverage of administration tasks.

Learn To:

Describe the architecture of WebLogic Server including domains, servers and machines
Install, configure and use WebLogic Server
Perform routine Oracle WebLogic Server administration functions
Set up a cluster of servers and distribute applications and resources to the cluster
Configure Oracle HTTP Server as the Web-tier front end for Oracle WebLogic Server instances and clusters
Deploy different types of Java EE applications to Oracle WebLogic Server
This course is an upgrade of Oracle WebLogic Server 10g R3: System Administration.

Target Audience:

J2EE Developer Java EE Developer Sales Consultants Web Administrator

Objectives:

- Describe the architecture of WebLogic Server including domains servers and machines Install
 - configure and use WebLogic Server Perform routine Oracle WebLogic Server administration functions Set up a cluster of servers and distribute applications and resources to the cluster
 - Configure Oracle HTTP Server as the Web-tier front end for Oracle WebLogic Server instances and clusters
 - Deploy different types of Java EE applications to Oracle WebLogic ServerA
 - Monitor application server using GUI and command-line tools such as automation scripts
 - Deploy and manage large-scale Java EE applications to servers or clusters through the entire development and production lifecycle
 - Configure basic resource and application security
 - Backup and recover from various failures
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Prerequisites:

- Basic TCP/IP networking knowledge of client/server concepts
 - Basic Java EE concepts and constructs including Servlet, JSP
 - Basic Linux commands and desktop navigation
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Content:

Introduction to Oracle Fusion Middleware	Managing and Using Logging in Oracle WebLogic Server	Configuring Basic Security for Oracle WLS Resources and Applications
Installing Oracle WebLogic Server Components	Deploying Applications	Configuring Oracle HTTP Server as Front End for Oracle WebLogic Server
Introduction to Administration Console and other Administration Tools	<ul style="list-style-type: none">■ Deploying Libraries■ Deploying Web Applications■ Deploying Versioned Applications■ Deploying EJBs	Configuring Oracle WebLogic Cluster
<ul style="list-style-type: none">■ Introduction to WLST■ Introduction to the GUI Interface	Setting Up Data Sources	<ul style="list-style-type: none">■ Configuring HTTP Session Failover■ Configuring JDBC Replication
Configuring a WebLogic Server Domain	<ul style="list-style-type: none">■ Setting up JDBC Drivers■ Setting up Connection Pools■ Viewing JNDI Trees	Managing Backup and Recovery
<ul style="list-style-type: none">■ Configuring Administration Servers■ Configuring Managed Servers■ Configuring Machines■ Configuring Node Managers	Configuring JMS Applications	<ul style="list-style-type: none">■ Online Backup and Recovery■ Offline Backup and Recovery■ Full Backup and Recovery■ Incremental Backup and Recovery
	<ul style="list-style-type: none">■ JMS Topics■ JMS Queues	

Further Information:

For More information, or to book your course, please call us on +254 713 027 191

training@clclearningafrica.com

www.clclearningafrica.com

Computer Learning Centre 2nd Floor Museum Hill Centre, Muthithi Road, Westlands, Nairobi, Kenya