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Oracle WebLogic 12c for Administrators

3-Day Training Course

FA-0344 · 3-Day

Data & Analytics

Introduction

This intensive 3-day training program is designed to provide administrators with a comprehensive understanding of Oracle WebLogic Server 12c. Focused on both theoretical concepts and practical applications, the course covers critical topics such as WebLogic domains, servers, data sources, JMS, and security. It also explores advanced features including high availability, failover, node management, and scripting tools, with an introduction to running WebLogic on Oracle Cloud Infrastructure (OCI).

Learning outcomes

- Understand the basics of WebLogic domains and servers.
- Learn how to configure JDBC Data Sources and JMS.
- Gain practical experience in application deployment.
- Acquire a strong understanding of security measures in WebLogic.
- Understand high availability and failover mechanisms.
- Master Node Manager and Distributed Deployment.
- Learn to automate tasks using WebLogic Scripting Tool.
- Understand the process of running WebLogic on OCI.

Prerequisites

- Basic understanding of server administration concepts.
- Familiarity with Java EE (Java Platform, Enterprise Edition).
- Knowledge of SQL and relational databases is beneficial.

- Previous experience with cloud computing concepts will be advantageous.

Training outline

1. Day 1: Introduction to WebLogic and Basic Configurations

Morning Session

1. Introduction to Oracle WebLogic 12c
2. WebLogic Domain Concepts

Afternoon Session

1. WebLogic Servers
2. Practical Exercise: Setting up a WebLogic Domain and Server

2. Day 2: Data Management, Messaging, and Deployment

Morning Session

1. JDBC Data Sources
2. JMS (Java Messaging Service)

Afternoon Session

1. Application Deployment
2. Practical Exercise: Configuring Data Sources, JMS, and Deploying an Application

3. Day 3: Advanced Features, Security, and OCI

Morning Session

1. Security Measures in WebLogic
2. High Availability and Failover

Afternoon Session

1. Node Manager and Distributed Deployment
2. WebLogic Scripting Tool
3. Running Oracle WebLogic on OCI
4. Practical Exercise: Implementing Security and High Availability Measures

By the end of this 3-day training course, participants will have a robust understanding of Oracle WebLogic Server 12c. They will be equipped with the skills necessary to set up, configure, secure, and manage a WebLogic environment, making them valuable assets in any enterprise utilizing Oracle WebLogic for their application infrastructure.

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