

Oracle WebLogic Server 10g R3: Advanced System Administration

Duración: 4 días

Lo que aprenderá

This course trains senior system administrators and senior data center personnel on advanced topics surrounding the monitoring and maintenance of BEA WebLogic Server 10g R3. It teaches the student how to use command-line utilities to monitor, maintain, and optimize Oracle WebLogic Server 10g R3 domains. The student will also be able to create advanced security and messaging configurations.

Learn To:

Use the advanced security features of Oracle WebLogic Server

Understand the WebLogic Diagnostic Framework (WLDF) architecture

Configure complex Java Messaging Service (JMS) systems

Use the Work Manager to optimize performance

Automate tasks in Oracle WebLogic Server using Java Management Extensions (JMX) and WebLogic Scripting Tool (WLST)

Audiencia

Administrator

Application Developers

Developer

Java EE Developer

Prerequisitos

Prerequisitos Sugeridos

Basic knowledge of Java programming language

Experience with basic Linux administration and shell commands

Objetivos Del Curso

Write Ant scripts to leverage WLST

Understand MBeans and the architecture of the Java Management Extensions (JMX) design

Write WebLogic Scripting Tool (WLST) scripts

Write Java classes that access MBeans

Understand the impact of Work Managers on the performance of applications deployed on Oracle WebLogic Server

Understand the fundamentals of Oracle WebLogic Server Diagnostics Framework (WLDF)

Configure the embedded Lightweight Directory Access Protocol (LDAP) server and a new security realm

Configure non-default security providers including the Relational Database Management System (RDMS) provider, Public Security Assertion Markup Language (SAML) credential mapping provider

Secure WebLogic resources through Secure Sockets Layer (SSL)

Create and configure store-and-forward agents

Configure Unit of Order and Path Service

Use transactions with Java Messaging Service (JMS)

Configure a messaging bridge between WebLogic JMS and MQSeries or third-party JMS servers such as JBoss

Temas Del Curso

Oracle WebLogic Management Services

Java Management Extension (JMX) Architecture

WebLogic Scripting Tool (WLST) Scripting

Interactive and Embedded WLST

The Tailoring of WLST Scripts

Store and Forward

Unit of Order and Path Service

Messaging Bridge and Third-party Tools

Single Sign-On (SSO)

Security Assertion Markup Language (SAML)

Credential Mappings

Security Providers

Secure Socket Layer (SSL)

The Use of the nCipher Java Cryptography Extensions (JCE) Provider

WebLogic Diagnostics Framework (WLDF) Architecture