

Oracle WebLogic Server 12c: Administration I

Kód kurzu: D80149

Tento kurz pro administrátory představuje základy administrace Oracle WEB Logic serveru 12c a naučíte se: jak je nainstalovat, konfigurovat, administrovat, nasazovat aplikace, vytvářet domény, monitorovat a konfigurovat prostředky.

Co Vás naučíme

- Configure WebLogic Server's authentication provider
- Deploy applications to WebLogic Server
- Backup and restore a WebLogic Server domain
- Create a WebLogic Server domain
- Configure and monitor WebLogic Server
- Configure WebLogic Server database resources
- Create and configure a WebLogic Server cluster
- Install WebLogic Server 12c

Požadované vstupní znalosti

- Some system administration experience
- Some experience using basic Linux commands

Metody výuky

Odborný výklad s praktickými ukázkami, cvení na počítaích.

Formáty školení Oracle

Velmi oblíbenou formou školení jsou nahrávané kurzy On Demand zahrnující 90 dn samostudia kdykoliv a kdekoliv s TOP lektorem. Dalšími možnými formáty studia jsou kurzy probíhající přímo v uebn v Poítaové škole Gopas nebo ve spolenosti Oracle, dále formát Live Virtual Class (školení on-line) i Selft-Study (samostudium ve form CD, nebo download). Podrobnější informace k tmto možnostem studia najdete [zde](#).

Studijní materiály

Elektronické autorizované materiály Oracle v anglickém jazyce.

Osnova kurzu

WebLogic Server Overview

- Defining WebLogic Server Terms
- Listing WebLogic Server Tools
- Describing Basic WebLogic Server Architecture

Installing and Patching WebLogic Server

- Determining Supported Configurations
- Installing WebLogic Server 12c
- Applying a Patch to WebLogic Server

Creating Domains

- Describing a Domain Configuration
- Creating a Domain with the Configuration Wizard
- Configuring Domain Resources While Creating a Domain
- Moving a Domain to Another Computer

Starting Servers

- Starting and Stopping Server with Standard Scripts
- Dealing with Startup Problems
- Customizing Standard Start Scripts

The Administration Console

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- Accessing the Administration Console
- Creating and Configuring Servers by using the Admin Console

Configuring JDBC

- Configuring JDBC Generic Data Sources
- Configuring GridLink Data Sources
- Performing Basic Data Source Connection Pool Tuning

Monitoring a Domain

- Configuring and Accessing Server Logs
- Enabling Debugging Output
- Monitoring Server Health and Performance
- Monitoring JDBC Data Sources
- Viewing Diagnostic Charts by using the Monitoring Dashboard

Node Manager

- Describing the WebLogic Server Node Manager Utility
- Configuring WebLogic Server Machines
- Setting Up and Configuring Node Manager
- Starting WebLogic Server through Node Manager

Deploying Applications

- Deploying Applications to WebLogic Server
- Testing Deployed Applications
- Monitoring Deployed Applications
- Stress Testing WebLogic Server

Clusters

- Planning for a WebLogic Server Cluster
- Creating and Configuring a WebLogic Server Cluster
- Creating and Configuring a WebLogic Server Dynamic Cluster
- Configuring Oracle HTTP Server as a WebLogic Server Cluster Proxy
- Debugging Cluster Errors

Transactions

- Describing the WebLogic Server Transaction Architecture
- Configuring a Database as the Persistent Store for WebLogic Server Transactions

WebLogic Server Security

- Describing the WebLogic Server Security Architecture
- Configuring an External LDAP Product as the WebLogic Server Authentication Provider

Backing Up and Restoring a Domain

- Backing Up a WebLogic Server Domain
- Restoring a WebLogic Server Domain

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