

# Oracle WebLogic Server 12c: Administration II

Kód kurzu: D80153

Kurz seznamuje účastníky s pokročilými způsoby administrace WEB Logic Serveru jako je vytváření doménových templates, pokročilá konfigurace JDBC, vytváření WLST skriptů a další.

## Co Vás naučíme

- Configure WebLogic features including domain templates, system start up, crash recovery, work managers, multi data sources, security policies, and automatic JTA migration
- Configure Coherence features
- Perform a rolling upgrade of WebLogic Server
- Write and run WLST scripts
- Deploy shared libraries and applications using deployment plans and versioning
- Configure SSL for WebLogic Server

## Požadované vstupní znalosti

- Some system administration experience
- Some experience using basic Linux commands
- Oracle WebLogic Server 12c: Administration I New

## Teaching methods

Expert instruction with practical examples, computer practice

## Oracle Training Formats

Training on Demand, one of the most popular learning formats, allows students to learn whenever they need (24/7, 90 days). These video recorded courses are led by TOP instructors. Other learning formats are traditional in-class training, Live Virtual Class, or Self-Study Courses. Read more [here](#).

## Teaching materials

The student materials include comprehensive courseware and other necessary materials for this class. All reading materials are in English.

## Osnova kurzu

WebLogic Server Review

- WebLogic Server: Overview
- WebLogic Server Domain
- Administration Server and Managed Servers
- Machines, Node Manager, and Clusters
- Start Scripts
- WebLogic Tools: Administration Console and WLST
- Deployment

Upgrading WebLogic Server

- Upgrade definition
- Rolling Upgrade
- Rolling Upgrade Process

Creating and Using Domain Templates

- Domain Template Review
- Domain Template Concepts
- Extension Template Concepts
- Custom Templates

WebLogic Server Startup and Crash Recovery

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# Oracle WebLogic Server 12c: Administration II

- Node Manager Review
- Configure Node Manager to Start on System Boot
- Server Automatic Crash Recovery Restart

## WebLogic Scripting Tool (WLST)

- Jython Concepts
- WLST Concepts
- Java Management eXtension (JMX) Concepts
- Common WLST Tasks
- Fusion Middleware (FMW) Commands

## Secure Sockets Layer (SSL)

- SSL Concepts
- WebLogic SSL Scenarios
- Keystores
- Configuring WebLogic SSL

## Application Staging and Deployment Plans

- Java EE Applications Review
- Server Staging Modes
- Deploying an Application to Multiple Environments
- Java EE Deployment Descriptors and Annotations
- Deployment Plans
- Deployment Plan Tools

## Shared Java EE Libraries

- Shared Java EE Library Concepts
- Deploying a Shared Library

## Production Redeployment

- HTTP Sessions and Redeployment
- Redeployment Strategies
- Production Redeployment
- Application Versioning
- Requirements and Restrictions

## Application Work Managers

- Default WebLogic Request Handling
- Work Manager Concepts
- Creating a Work Manager

## Managing Data Sources

- JDBC Review
- Managing Data Sources
- GridLink Data Source Review
- Multi Data Sources
- Connection Testing Review
- Creating a Multi Data Source

## Working with the Security Realm

- Security Review
- The Embedded LDAP Authentication and Authorization System
- Configure Auditing

## High Availability, Migration, and Disaster Recovery

- Disaster Recovery

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# Oracle WebLogic Server 12c: Administration II

- Backup the Administration Server
- Service-Level Migration
- Automatic JTA Service Migration
- Whole Server Migration Overview

## Diagnostic Framework

- General Architecture
- Diagnostic Images
- Harvesters
- Watches and Notifications

## Coherence

- Coherence Overview
- Coherence\*Web Session Persistence
- Managed Coherence Servers

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