

# OWEL-2 - ORACLE WEBLOGIC SERVER 12C: ADMINISTRATION II

Categoria: **WebLogic**

## INFORMAZIONI SUL CORSO



**Durata:**  
5 Giorni



**Categoria:**  
WebLogic



**Qualifica Istruttore:**  
Oracle Certified  
Professional



**Dedicato a:**  
Professionista IT



**Produttore:**  
Oracle

## OBIETTIVI

Configurare le funzioni WebLogic, tra cui modelli di dominio, l'avvio del sistema, crash recovery, manager di lavoro, fonti di dati multiple, le politiche di sicurezza e migrazione automatica JTA  
Configurare le caratteristiche di coerenza  
Eseguire un aggiornamento in sequenza di WebLogic Server  
Scrivere ed eseguire script WLST  
Distribuire le librerie e le applicazioni che utilizzano i piani di distribuzione e il controllo delle versioni condivise  
Configurare SSL per WebLogic Server

## PREREQUISITI

### Prerequisiti obbligatori:

12c Oracle WebLogic Server: Administration I New

### Prerequisiti suggeriti:

Qualche esperienza di amministrazione del sistema  
Qualche esperienza con i comandi di base di Linux

## CONTENUTI

### 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**

- 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

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

## **INFO**

**Manuale:** Materiale didattico ufficiale Oracle in formato digitale. Il materiale didattico è compreso nel prezzo sia per i corsi a Calendario sia per quelli Dedicati.

**Prezzo manuale:** 0 € incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)