

Szkolenie: Oracle  
**Oracle Database 12c: Install and Upgrade Workshop**


FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	2890 PLN NETTO*	2 dni
Stacjonarne	Tablet CTAB	3490 PLN NETTO*	2 dni
Metoda dlearning	Cyfrowe	2890 PLN NETTO*	2 dni
Metoda dlearning	Tablet CTAB	2890 PLN NETTO*	2 dni

\* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

## LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

## Cel szkolenia:

This Oracle Database 12c: Install and Upgrade Workshop gives you detailed information to help you install Oracle Database 12c software. Expert Oracle instructors will teach you how to create a container database and provision pluggable databases. In this course, you will be introduced to Oracle Database Cloud Service.

### Learn To:

- Install Oracle Grid Infrastructure for a Standalone Server.
- Use Oracle Restart to manage components.
- Upgrade an existing Oracle Database to Oracle Database 12c.
- Create a container database and provision pluggable databases.
- Gain an understanding of the Oracle Database Cloud Service.

### Benefits to You:

Ensure fast, reliable, secure and easy to manage performance. Optimize database workloads, lower IT costs and deliver a higher quality of service by enabling consolidation onto database clouds.

## Plan szkolenia:

- Oracle Database 12c Overview
  - Oracle Database 12c Introduction
  - Oracle Database Architecture Overview

- Oracle Database Instance Configurations
- Oracle Database Memory Structures
- Process Structures
- Database Storage Architecture
- Logical and Physical Database Structures
- Container and Pluggable Database Overview
- Installing Oracle Grid Infrastructure for a Standalone Server
  - Overview of Oracle Grid Infrastructure for a Standalone Server
  - System Requirements for Oracle Grid Infrastructure
  - Configuring Storage for Oracle Automatic Storage Management (ASM)
  - Installing Oracle Grid Infrastructure for a Standalone Server
  - Upgrading Oracle Grid Infrastructure for a Standalone Server
- Installing Oracle Database Software
  - Planning Your Installation
  - System Requirements for Oracle Database
  - Preparing the Operating System
  - Using 4 KB Sector Disks
  - Setting Environment Variables
  - Checking the System Requirements
  - Using the Oracle Universal Installer (OUI)
  - Performing a Silent Mode Installation
- Creating an Oracle Database by Using DBCA
  - Planning the Database Storage Structure
  - Choosing non-CDB or CDB
  - Types of Databases (based on workload)
  - Choosing the Appropriate Character Set
  - Understanding How Character Sets are Used
  - Setting the NLS\_LANG Initialization Parameter
  - Using the Database Configuration Assistant (DBCA)
- Using Oracle Restart
  - Oracle Restart Overview
  - Oracle Restart Process startup
  - Controlling Oracle Restart
  - Choosing the Correct SRVCTL Utility
  - Oracle Restart Configuration
  - Using the SRVCTL Utility

- Obtaining Help for the SRVCTL Utility
- Starting Components by Using the SRVCTL Utility
- Introduction to Upgrading to Oracle Database 12c
  - Upgrade Methods
  - Data Migration Methods
  - Supported Releases for Direct Upgrade
  - Overview of Upgrade Process
  - Performing a Rolling Upgrade
  - Upgrading a CBD
- Preparing to Upgrade to Oracle Database 12c
  - Developing a Test Plan
  - Performance Testing
  - Requirements for Databases Using Oracle Label Security or Oracle Database Vault
  - Requirement for Databases Using Oracle Warehouse Builder
  - Using the Pre-Upgrade Information Tool
  - Backing Up the Database
  - Installing the Oracle Database 12c Software
  - Preparing the New Oracle Home
- Upgrading to Oracle Database 12c
  - Upgrading by Using the Database Upgrade Assistant (DBUA)
  - Manually Upgrading to Oracle Database 12c
  - Migrating a non-CDB to a CDB
- Performing Post-Upgrade Tasks
  - Migrating to Unified Auditing
  - Performing Post-Upgrade Tasks Following a Manual Upgrade
- Migrating Data by Using Oracle Data Pump
  - Data Pump Overview
  - Migrating by Using Data Pump
  - Importing by Using a Network Link

## Wymagania:

### Recommended Related Training Courses:

- Oracle Database 12c: Global Data Services
- Oracle Database 12c: RAC Administration Ed 1
- Oracle Database 12c: Managing Multitenant Architecture

- Oracle Database 12c: Data Guard Administration
- Oracle Database 12c: Performance Management and Tuning

## Poziom trudności



## Certyfikaty:

Uczestnicy szkoleń otrzymają zaświadczenia o ukończeniu kursu sygnowane przez firmę Oracle.

## Prowadzący:

Autoryzowany wykładowca Oracle.