

ORACLE 19C ADMINISTRATION WORKSHOP

Il corso presenta in maniera approfondita l'architettura Oracle e gli strumenti per la gestione dell'istanza, descrivendone le caratteristiche e proponendo esercitazioni adeguate all'apprendimento.



DURATA DEL CORSO

3 giorni



DESTINATARI

Il corso è rivolto ad amministratori di database.



PREREQUISITI

Per poter svolgere il corso i partecipanti devono avere buona conoscenza di database relazionale.

OBIETTIVI

A seguito del completamento del corso i partecipanti potranno comprendere:

- Backup, Restore dell'istanza
- Gestione undo data, Data Pump
- Monitor e tuning performance del database
- Networking
- Gestione utenti e implementazione dell'auditing
- Creazione e manutenzione tablespaces

Il corso tratta i seguenti macro contenuti:

Understanding Oracle Database Architecture - Oracle Database: Administration Workshop

- Understanding Oracle Database Instance Configurations
- Understanding Oracle Database Memory and Process Structures
- Understanding Logical and Physical Database Structures
- Understanding Oracle Database Server Architecture

Managing Database Instances - Oracle Database: Administration Workshop

- Starting Up Oracle Database Instances
- Using Data Dictionary Views
- Shutting Down Oracle Database Instances
- Using Dynamic Performance Views
- Using the Automatic Diagnostic Repository (ADR)
- Using the Alert Log and Trace Files
- Managing Initialization Parameter Files

Managing Users, Roles and Privileges - Oracle Database: Administration Workshop

- Assigning Quotas to Users
- Applying the Principal of Least Privilege
- Creating and Assigning Profiles
- Administering User Authentication Methods
- Managing Oracle Database Users, Privileges, and Roles

Managing Storage - Oracle Database: Administration Workshop

- Managing Resumable Space Allocation
- Shrinking Segments

- Deferring Segment Creation
- Using Space-Saving Features
- Deploying Oracle Database Space Management Features
- Managing Different Types of Segments
- Using Table and Row Compression
- Understanding Block Space Management

Moving Data - Oracle Database: Administration Workshop

- Using External Tables
- Using Oracle Data Pump
- Using SQL*Loader

Accessing an Oracle Database with Oracle supplied Tools - Oracle Database: Administration Workshop

- Using the Database Configuration Assistant (DBCA)
- Using Oracle Enterprise Manager Cloud Control
- Using Oracle Enterprise Manager Database Express
- Using SQL Developer
- Using SQL Plus

Configuring Oracle Net Services - Oracle Database: Administration Workshop

- Using Oracle Net Services Administration Tools
- Configuring Communication Between Database Instances
- Configuring the Oracle Net Listener
- Connecting to an Oracle Database Instance
- Comparing Dedicated and Shared Server Configurations
- Administering Naming Methods

Managing Tablespaces and Datafiles - Oracle Database: Administration Workshop

- Viewing Tablespace Information
- Creating, Altering and Dropping Tablespaces
- Managing Table Data Storage
- Implementing Oracle Managed Files
- Moving and Renaming Online Data Files



CONTATTA ROSMARÌ RACANO

Telefono: +39 389 8094741

rosmari.racano@nposistemi.it



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<https://www.nposistemi.it/formazione/>