ORADB-IUW - Oracle Database 12c/19c/23ai: Install and Upgrade Workshop

Oracle - Oracle DBA - Sistemistica

Durata:	Lingue:	Certificazione:
2 Giorni	**Italiano**	**-**

Descrizione del corso

This Oracle Database Install and Upgrade Workshop gives you detailed information to help you install Oracle Database software.

Programma

Oracle Database Overview

- Oracle Database 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

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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

- 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

- 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 Software
- Preparing the New Oracle Home

Upgrading to Oracle Database

- Upgrading by Using the Database Upgrade Assistant (DBUA)
- Manually Upgrading to Oracle Database
- 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