Oracle Database 12c: RAC Administration Ed 1

CODICE	DURATA	PREZZO	LINGUA	MODALITÀ
D81250GC10	4 Giorni	2.300,00€ (iva escl.)	Italiano	Virtual Classroom e-Learning Corso in aula

SCHEDULAZIONE

- A Richiesta

This Oracle Database 12c R2: ASM Administration training teaches you about Oracle ASM architecture. Expert Oracle University instructors will help you develop a deeper understanding of both standard ASM and Flex ASM applications. In this course, you will be introduced to Oracle Database Exadata Cloud Service.

Learn To:

- Administer ASM files, directories, templates, and disk groups.

- Manage and administer Oracle ASM File System and its components.

- Gain an understanding of ASM New Features.

- Gain an understanding of the Oracle Database Exadata 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 by learning about the Oracle Database 12c Grid Infrastructure, specifically Oracle ASM.

PREREQUISITI
Suggested Prerequisite

- Working knowledge of Oracle Clusterware, ASM & RAC on Linux

- Oracle Database 12c R2: RAC Administration

- Oracle Database 12c R2: Clusterware Administration

Required Prerequisite

- Oracle Database 12c R2: Clusterware Administration Ed 2

- Oracle Database 12c R2: RAC Administration Ed 2

- Oracle Database 12c R2: Clusterware Administration

- Working knowledge of Oracle Database 11g: Release 2 on Linux Operating System

- Oracle Database 12c R2: Clusterware Administration

OBIETTIVI

- Manage ASM instances and associated processes

- Monitor ASM using the V$ASM dynamic performance views

- Manage Flex ASM

- Understand Flex ASM architecture and components

- Manage Flex ASM Disk Group

- Create and delete Automatic Storage Management (ASM) disk groups

- Employ ASM space management techniques

- Set the attributes of an existing ASM disk group

- Perform ongoing maintenance tasks on ASM disk groups

- Explain key performance and scalability considerations for ASM disk groups

- Use different client tools to access ASM files

- Describe the format of a fully qualified ASM file name

- Describe the Automatic Storage Management (ASM) architecture

- Describe the components of ASM

- Understand ASM Deployment Alternatives

- Explain and apply Automatic Storage Management (ASM) initialization parameters

DESTINATARI

- Administrator

- Database Administrator

CONTENUTI

- Oracle ASM Overview

- Overview of ASM

- ASM Placement in Storage Stack

- ASM Cluster Configuration for Oracle RAC

- ASM Software Installation

- ASM Key Components

- ASM Instance Designs

- ASM Utilities

- Administering ASM Instance

- Operating with Different releases of Oracle ASM and Database Instances

- Managing ASM instance with various tools

- Instance Startup and Shutdown

- ASM Instance Parameters

- Adjusting ASM Instance Parameters in SPFILEs

- ASM System Privileges

- ASM OS Groups and Role Separation

- ASM Instance Connection modes

- Flex ASM

- Flex ASM Architecture

- Background and Overview

- ASM Deployment Alternatives

- Configuring Flex ASM

- Managing Flex ASM

- Relocating an ASM Client

- ASM IO Services and Configuration

- Administering ASM Disk Groups Part 1 & Part 2

- ASM Disk Group Overview

- Disk Group Attributes

- Compatibility Attributes

- Disk Group Management

- Disk Group Metadata

- Viewing Connected Clients

- Extending an Existing Disk Group

- Dropping Disks from an Existing Disk Group

- Administering ASM Disk Groups Part 1 & Part 2

- Adding and Dropping in the same command

- Undropping Disks in Disk Groups

- Replacing Disks in Disk Group

- Renaming Disk Groups

- Resizing Disks in Disk Groups

- Mounting and Dismounting Disk Groups

- Dropping Disk Groups

- ASM Disk Group Rebalance and Priority Ordered Rebalance

- Flex ASM Disk Group

- ASM Database-Oriented Storage Management

- ASM Flex Disk Groups Characteristics

- ASM File Groups

- ASM Quota Groups

- Administering File Groups and Quota Groups

- Prioritized Rebalancing for File Groups

- Administering ASM Files, Directories, and Templates

- Interaction Between Database Instances and ASM

- Accessing ASM Files

- Fully Qualified ASM File Names

- ASM File Creation

- View ASM Aliases, Files, and Directories

- ASM Directories Overview

- Managing ASM Directories

- Managing Alias File Names

- Administering Oracle ASM Cluster File System

- Overview of Oracle ACFS

- Oracle ASM Dynamic Volume Manager

- Oracle ACFS Integration with Oracle ASM

- Oracle ACFS Administration

- Clusterware Resources and ACFS Administration

- ACFS and Dismount or Shutdown Operations

- ACFS Snapshots

- ACFS/ADVM Enhancements

- Oracle ACFS Automatic Resize

- Oracle ACFS Scrubbing

- Oracle ACFS Defragger

- Oracle ACFS Metadata Collection

- Oracle Metadata Acceleration

- 4K Sector Support for Oracle ACFS and Metadata

- Oracle ACFS Compression

- Oracle ACFS Spare Files

- Oracle Database Exadata Cloud Service Overview

- Introducing Exadata Cloud Service

- Service Configuration Options & Service Connection Options

- Service Architecture & Availability

- Management Responsibilities

- Storage Configuration & Management Details

- Simple Web-Based Provisioning & Management

- REST APIs

- Migrating to Exadata Cloud Service

Prezzi e corsi potrebbero subire variazioni; si consiglia di verificare sul sito www.novanext.it/training.