

D79796GC10 - Oracle Database 12c R1: High Availability New Features Ed 1

Czas trwania: Czas trwania: 3 dni / 24 godz.
Cena rynkowa: 5 601,00 zł
Cena promocyjna: Zadzwo - 801 30 30 30
Szkolenie autoryzowane: Tak



Informacje o szkoleniu

This Oracle Database 12c Release 1 High Availability New Features course introduces the Oracle Database 12c High Availability new features contained in Oracle Grid Infrastructure. This includes Clusterware, Automatic Storage Management [ASM] and Cloud FS), Oracle Real Application Clusters (RAC), Oracle Data Guard and Oracle Global Data Services. In this course, you will be introduced to Oracle Database Exadata Cloud Service.

Benefits to You

By enrolling in this course, you'll be the first to practice using Oracle's new clustering technologies. Gain valuable experience through hands-on demos and labs.

Product Areas Covered:

Oracle Grid Infrastructure (including Clusterware, Automatic Storage Management [ASM] and Cloud FS.)
Oracle Real Application Clusters (RAC).
Oracle Data Guard.
Oracle Global Data Services (GDS).
Gain an understanding of the Oracle Database Exadata Cloud Service.

Explore these New and Enhanced Features:

Flex Clusters
Flex ASM
Policy-based Cluster Management
What-If Command Evaluation
Cloud Filesystem New Features and Enhancements
Application Continuity
Data Guard Far Sync
Global Data Services

Wymagania wstępne

Required Prerequisites

Working knowledge of Oracle Database 11g: Release 2, including Clusterware, ASM and RAC

Zagadnienia poruszane podczas szkolenia



Course Objectives

- ▣ Learn how to perform essential administration tasks for each new feature.
- ▣ Learn how to perform essential installation and configuration tasks for each new feature.
- ▣ Describe Oracle Global Data Services (GDS).
- ▣ Describe the Oracle Database 12c Release 1 High Availability new features contained in Oracle Grid Infrastructure
- ▣ Gain an understanding of the Oracle Database Exadata Cloud Service
- ▣ Course Topics
- ▣ Introduction
- ▣ Course Overview
- ▣ Course Objectives Flex Clusters
- ▣ Flex Cluster Architecture
- ▣ Configuring Flex Clusters
- ▣ Installing Flex Clusters with OUI
- ▣ Flex Clusters and Node Failure Policy-Based Cluster Management
- ▣ Policy-Based Cluster Management Overview
- ▣ Server Categorization
- ▣ Policy Set What-If Command Evaluation
- ▣ Overview
- ▣ Supported Events
- ▣ Performing What-If Command Evaluation on Application Resources with CRSCTL
- ▣ Performing What-If Command Evaluation on Oracle Clusterware Resources with CRSCTL
- ▣ Formatting the Output for What-If Command Evaluation on Oracle Clusterware Resources
- ▣ Performing What-If Command Evaluation with SRVCTL
- ▣ Evaluating Failure Consequences with SRVCTL Other Clusterware New Features
- ▣ Shared GNS Background and Architecture
- ▣ Configuring shared GNS
- ▣ Migrating to shared GNS
- ▣ Moving GNS to Another Cluster
- ▣ Cluster Health Monitor Enhancements Overview
- ▣ Cluster Health Monitor Services
- ▣ Grid Infrastructure Management Repository Overview
- ▣ Managing Cluster Health Monitor Flex ASM
- ▣ Flex ASM Architecture
- ▣ ASM Deployment Alternatives
- ▣ Configuring Flex ASM
- ▣ Managing Flex ASM
- ▣ Monitoring Flex ASM Connections
- ▣ Relocating an ASM Client Other ASM New Features
- ▣ Fast Mirror Resync Enhancements
- ▣ Rebalance Enhancements
- ▣ Proactively Validating Data Integrity
- ▣

ASM-Based Password Files

- ❑ Bulk File Ownership Changes
- ❑ Changing ASM Privileges on Open Files
- ❑ ASM File Access Control Available on Windows Cloud FS New Features
- ❑ Introducing Oracle Cloud File System
- ❑ High Availability NFS: Overview
- ❑ Cloud FS Snapshot Enhancements
- ❑ Cloud FS Support for All Oracle Database Files
- ❑ Cloud FS Auditing: Overview
- ❑ Cloud FS Plug-in Infrastructure: Overview
- ❑ Using Cloud FS Replication in Conjunction with Cloud FS Security and Encryption
- ❑ Generic API for Cloud FS Tagging Application Continuity
- ❑ What is AC?
- ❑ What problem does it solve?
- ❑ Benefits of AC
- ❑ How AC works
- ❑ AC Architecture
- ❑ Side Effects
- ❑ Restrictions
- ❑ Application requirements RAC New Features
- ❑ RAC and Flex ASM
- ❑ RAC and Pluggable Database
- ❑ RAC and Policy-Based Cluster Management
- ❑ RAC and What-If Command Evaluation
- ❑ RAC and Application Continuity
- ❑ Valid node checking for listener registration on RAC deployments
- ❑ Oracle home user support for RAC on Windows Data Guard New Features
- ❑ Far Sync Standby and Data Guard Transport Enhancements
- ❑ Active Data Guard Enhancements
- ❑ Database Rolling Upgrades
- ❑ Other Data Guard Enhancements
- ❑ Data Guard Broker Enhancements Global Data Services
- ❑ Introduction
- ❑ Logical components
- ❑ Physical components
- ❑ Global Service Overview
- ❑ Global Service Attributes
- ❑ Global Services and RAC
- ❑ Global Services and Data Guard Broker
- ❑ Global Connection Load Balancing Oracle Database Exadata Cloud Service Overview
- ❑ Introducing Exadata Cloud Service
- ❑ Service Architecture, Availability, Scalability, Access and Security
- ❑

Management Responsibilities

- ▣ Storage Configuration & Management Details
- ▣ Simple Web-Based Provisioning & Management
- ▣ REST APIs
- ▣ Patching Exadata Cloud Service
- ▣ Migrating to Exadata Cloud Service

Informacje dodatkowe

Brak

Typy szkolenia

Tradycyjne

Oracle | Live Virtual Classes

Więcej informacji:

Zadzwo 801 30 30 30 lub napisz szkolenia@assecods.pl