Szkolenie: Oracle

Oracle Database 12c: High Availability New Features

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<th>MATERIAŁY SZKOLENIOWE</th>
<th>CENA</th>
<th>CZAS TRWANIA</th>
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* (+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: High Availability New Features 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.

Learn To:

- Configure and administer the Oracle Database 12c high availability new features contained in Oracle Clusterware Infrastructure (including Automatic Storage Management [ASM] and Cloud FS).
- Describe the new features contained in Oracle Data Guard.
- Describe Oracle Global Data Services (GDS).

Plan szkolenia:

- 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

Poziom trudności

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