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

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)
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