

Szkolenie: Oracle
Oracle Database 12c R2: High Availability New Features



DOSTĘPNE TERMINY

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Cel szkolenia:

The Oracle Database 12c R2: High Availability New Features course covers High Availability new features introduced in the Oracle Database 12c Release 2. Focus areas include Clusterware, ASM, ACFS, RAC, and Data Guard.

Learn To:

- Configure and administer the Oracle Database 12c R2 high availability new features contained in Oracle Clusterware Infrastructure (including Automatic Storage Management [ASM] and Cloud FS.
- Configure and administer RAC new features.
- Describe the new features contained in Oracle Data Guard.
- Describe Oracle Data Guard Enhancements.
- Gain an understanding of the Oracle Database Exadata Cloud Service.
- Gain an understanding of Clusterware Manageability Enhancements.
- Gain an understanding of ASM New Features.
- Gain an understanding of ACFS Manageability New Features & Performance Enhancements.
- Gain an understanding of Real Application Cluster New Features.
- Gain an understanding of Data Guard and Broker New Features.

Benefits To You:

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

Plan szkolenia:

- Cluster Types and Installation Options
 - Stand-alone (Traditional Cluster)
 - Oracle Domain Services Cluster

- Oracle Member Clusters
- Oracle Extended Clusters (Stretch Cluster)
- Installation Options
- Shared Grid Naming Service (GNS) High Availability
- Shared GIMR
- Rapid Home Provisioning Enhancements
- Clusterware Manageability Enhancements
 - Enhanced (Reasoned) Command Evaluation (Why-If)
 - Clusterware Resource Groups
 - Server Weight-Based Node Eviction
 - Load-Aware Resource Placement
- Clusterware Monitoring and Miscellaneous Enhancements
 - Oracle Autonomous Health Framework
 - Cluster Resource Activity Log
 - Private Network IPv6 Support
- Oracle ASM Manageability New Features
 - Flex Disk Groups
 - File Groups
 - Quota Groups
 - Prioritized Rebalancing for Oracle ASM File Groups
 - Oracle ASM Mirror Splitting
 - Prioritized Rebalancing for File Groups
 - Oracle ASM Extended Support for 4K Sector Size
 - Oracle IOServer: DBs on Leaf Nodes
- ACFS Manageability New Features
 - Snapshot Enhancements
 - Oracle ACFS Automatic Resize
 - Oracle ACFS Metadata Acceleration
 - Oracle ACFS NAS Maximum Availability eXtensions
- ACFS Performance Enhancements
 - Oracle ACFS Defragger
 - Oracle ACFS Compression
 - Oracle ACFS Sparse Files
 - Oracle ACFS Metadata Acceleration
- Oracle RAC New Features
 - Separation of Duty for Administering Oracle RAC

- Oracle Real Application Clusters Reader Nodes
- SCAN Listener and HTTP Protocol
- Service-Oriented Buffer Cache Access
- In-Memory FastStart
- QoS Support for Administrator-Managed Databases
- Data Guard Configuration Enhancements
 - Standby Database Creation Using DBCA
 - New Initialization Parameters
 - Detecting Lost Writes Using DBMS_DBCOMP.DBCOMP
 - Rolling Upgrade Support for Multitenant Databases
 - Upgrading Databases Using Oracle Label Security or Database Vault With Oracle Data Guard
 - Far Sync Instance Creation using RMAN DUPLICATE with FARSYNC Option
 - Automatic Propagation of Password File Changes
 - Support of In-Memory Column Store in Active Data Guard Environments
- Data Guard Broker Enhancements
 - Multiple Fast-Start Failover Target Selection
 - High Availability Observer Configuration
 - Configurable Property, DataGuardSyncLatency
 - Data Validation and Lost Write Detection using VALIDATE DATABASE DATAFILE
 - Validation of Database Files on both Primary and Standby using the VALIDATE DATABASE DATAFILE command
 - Using Broker Property ApplyInstances to Engage Multi-Instance Redo Apply
 - DGMGRL Command Script Support @name
 - Enhanced Broker Support for Application Continuity

Poziom trudności



Certyfikaty:

Uczestnicy szkoleń otrzymają zaświadczenia o ukończeniu kursu sygnowane przez firmę Oracle.

Prowadzący:

Autoryzowany wykładowca Oracle.