

ORACLE RAC COURSE CONTENT

Oracle RAC Training Course Content

Introduction to Grid Infrastructure

- ✚ Components of Grid Foundation
- ✚ Understanding Cluster and Oracle Clusterware Architecture
- ✚ Oracle Clusterware storage and software
- ✚ Managing Oracle Clusterware
- ✚ ASM Architecture
- ✚ Designing and managing ASM disk groups
- ✚ Designing and managing ASM cluster file systems

Introduction to RAC Database

- ✚ Database storage: Core and Cluster
- ✚ Core database vs. RAC database
- ✚ Non-RAC database vs. RAC database
- ✚ RAC database architecture
- ✚ What is ASM?
- ✚ ASM architecture and benefits
- ✚ What is Cluster and Clusterware?

Oracle RAC: Installation and Configuration

- ✚ Pre-installation verification
- ✚ Grid installation
- ✚ Network verification
- ✚ Service verification
- ✚ Installation of Oracle RAC
- ✚ Log files on RAC environment
- ✚ Oracle RAC administration

RAC Backup and Recovery

- ✚ RAC environment: Archiving log mode and terminating sessions
- ✚ Database parameters
- ✚ Unique and identical parameters
- ✚ Administering Oracle Clusterware
- ✚ Identifying VD and OCR file locations
- ✚ Controlling Clusterware
- ✚ Backup and recovery of VD and OCR
- ✚ Migration of OCR and VD files to other disk groups
- ✚ Manual and auto backup of OCR and VD files

Cache Fusion

- ✚ Overview of Cache Fusion
- ✚ Read/Write contention
- ✚ Read/Read contention
- ✚ Write/Write contention
- ✚ Global Resource Management and Global Resource Dictionary (GRD)
- ✚ Introduction to GES and GCS concepts
- ✚ Overview of past image
- ✚ CR image vs. past image
- ✚ Architecture and SCAN listener

High Availability

- ✚ Managing High Availability in RAC
- ✚ Stop and start High Availability services in RAC
- ✚ Monitoring and tuning of database


RAC One Node

- ✚ Introduction to RAC One Node
- ✚ OS installation for RAC One Node
- ✚ Adding Nodes to Cluster

 New Node configuration

Other Concepts

 RAC Multitenant Architecture

 Quality of Service Management

 Introduction to Oracle Database Exadata Cloud Service

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