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ORACLE RAC DBA TRAINING

ORACLE RAC DBA TRAINING ONLINE AND CLASSROOM

This Oracle Database 11g: RAC Administration Release 2 NEW training explores RAC database administration in the Oracle Grid Infrastructure environment. Expert Oracle University instructors will help you develop the skills to administer cluster databases using Enterprise Manager and command-line utilities like SRVCTL, CRSCTL and SQL*Plus.

ORACLE RAC DBA COURSE MODULES

GRID INFRASTRUCTURE: OVERVIEW

- ✓ Oracle Grid Infrastructure
- ✓ What Is A Cluster?
- ✓ What Is Clusterware?
- ✓ Goals For Oracle Clusterware
- ✓ Oracle Clusterware
- ✓ Oracle Clusterware Architecture And Services
- ✓ Oracle Clusterware Networking
- ✓ Oracle Grid Infrastructure For A Cluster

INSTALLING AND CONFIGURING ORACLE RAC

- ✓ Installing The Oracle Database Software
- ✓ Creating The Cluster Database
- ✓ Recovery Configuration
- ✓ Database Identification
- ✓ Cluster Database Management Options
- ✓ Database Type Selection
- ✓ Passwords For Database Schema Owners
- ✓ Database File Locations

ORACLE RAC ADMINISTRATION

- ✓ Oracle RAC Administration
- ✓ Cluster Database Instance Home Page
- ✓ Cluster Home Page
- ✓ Configuration Section
- ✓ Topology Viewer
- ✓ Enterprise Manager Alert History And RAC
- ✓ Enterprise Manager Metrics And RAC
- ✓ Enterprise Manager Alerts And RAC

MANAGING BACKUP AND RECOVERY FOR RAC

- ✓ Oracle RAC Administration
- ✓ Cluster Database Instance Home Page
- ✓ Cluster Home Page
- ✓ Configuration Section
- ✓ Topology Viewer
- ✓ Enterprise Manager Alerts And RAC
- ✓ Enterprise Manager Metrics And RAC
- ✓ Enterprise Manager Alert History And RAC

GLOBAL RESOURCE MANAGEMENT CONCEPTS

- ✓ Need For Global Concurrency Control
- ✓ Global Resource Directory (GRD)
- ✓ Global Resource Management
- ✓ Global Resource Remastering
- ✓ Global Resource Recovery
- ✓ Global Resource Background Processes
- ✓ Global Resource Access Coordination
- ✓ Global Enqueues

RAC DATABASE MONITORING AND TUNING

- ✓ CPU And Wait Time Tuning Dimensions
- ✓ RAC-Specific Tuning
- ✓ Analyzing Cache Fusion Impact In RAC
- ✓ Typical Latencies For RAC Operations
- ✓ Wait Events For RAC
- ✓ Wait Event Views
- ✓ Global Cache Wait Events: Overview
- ✓ Global Enqueue Waits

MANAGING HIGH AVAILABILITY OF SERVICES

- ✓ Oracle Services
- ✓ Services For Policy- And Administrator-Managed Databases
- ✓ Default Service Connections
- ✓ Creating Service With Enterprise Manager
- ✓ Managing Services With Enterprise Manager
- ✓ Managing Services With EM
- ✓ Managing Services With Srvctl
- ✓ Creating Services With SRVCTL

ORACLE RAC ONE NODE

- ✓ Verifying An Existing RAC One Node Database?
- ✓ Oracle RAC One Node Online Migration
- ✓ Performing An Online Migration
- ✓ Online Migration Illustration
- ✓ Online Maintenance: Rolling Patches
- ✓ Online Migration Considerations
- ✓ Adding An Oracle RAC One Node Database To An Existing Cluster
- ✓ Converting A RAC One Node Database To RAC

DESIGN FOR HIGH AVAILABILITY

- ✓ Causes Of Unplanned Down Time
- ✓ Causes Of Planned Down Time
- ✓ Oracle's Solution To Down Time
- ✓ RAC And Data Guard Complementarity
- ✓ Maximum Availability Architecture
- ✓ RAC And Data Guard Topologies
- ✓ RAC And Data Guard Architecture