



ORACLE®

RAC

Oracle RAC Course Material

RAC Training in Chennai

Training in Greens Technologies provides 100% real-time, practical and placement focused RAC training in Chennai. Our RAC course concentrates from basic level training to advanced level training. Our RAC training is completely focused to get placement in MNC in Chennai and certification on RAC after completion of our course. Our team of RAC trainers are RAC certified professionals with more real-time experience in live projects. Our RAC Course syllabus is enough for anyone who wants to get RAC certification which meets industry expectations. In our course plan, you will learn Oracle 11g R2 Grid Infrastructure Concepts, Grid Infrastructure Installation and Configuration, Oracle Automatic Storage Management concepts, Cluster installation Prerequisite for Oracle 11g R2 RAC, Shared Storage Configuration, Oracle 11g Grid Infrastructure Installation, Oracle 11g R2 RAC Database Software Installation, Administering Oracle Clusterware, Administering ASM Instances, Prerequisite Steps for Extending a Cluster, Cluster Node Management, Troubleshooting Oracle Clusterware, Oracle Data Guard with practical exercises and live examples.

Our Training in Greens Technologies is completely looking to offer this RAC training in various places in and around Chennai. Our RAC training centres are equipped with perfect environment to learn with all required facilities. We guide our RAC training students to be a certified at end of our course. In the last six months timeframe we are completed RAC training for more than XX+ students with excellent feedback and placements. We are charging very competitive in the market which helps to bring more RAC professionals into this market. Our RAC training course fee is very nominal which anyone can pay in instalment basis as well. We are having multiple class timings which suit everyone who wants to learn in their own timings. Our RAC training will be scheduled in regular weekdays and weekends based on the students request. We do have fast track RAC training and online RAC training with one-to-one basis. We are giving more RAC training for corporates which employees of their company will be benefits with our training.

RAC Training Syllabus in Chennai

Oracle 11g R2 Grid Infrastructure Concepts

- What is a Cluster
- Grid Foundation Components
- Oracle Clusterware Architecture
- Oracle Clusterware Software and Storage

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- Describe ASM Architecture
- Creating and Managing ASM Disk Groups
- Creating and Managing ASM Cluster File systems
- Administering Oracle Clusterware
- Troubleshooting Oracle Clusterware

Grid Infrastructure Installation and Configuration

- Hardware Requirements
- Network Requirements
- Software Requirements
- DNS and DHCP Configuration
- Grid Plug and Play Considerations
- Single Client Access Names
- Post installation tasks

Oracle Automatic Storage Management concepts

- ASM Instance
- ASM Disks
- ASM Disk Groups
- ASM Redundancy

Cluster installation Prerequisite for Oracle 11g R2 RAC

- Linux OS Software Installation
- Create OS Group and User Accounts
- Networking
- Synchronizing the Time on ALL Nodes
- Configuring Kernel Parameters
- Set shell limits for the oracle & grid user
- Create the Oracle Inventory Directory
- Creating the Oracle Grid Infrastructure Home Directory
- Creating the Oracle Base Directory
- Creating the Oracle RDBMS Home Directory

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- Stage the Oracle Software
- Check OS Software Requirements
- Cluster Verification Utility

Shared Storage Configuration

- Types of Shared Storage
- Partition the Shared Disks
- Installing and Configuring ASMLib
- Using ASMLib to Mark the Shared Disks as Candidate Disks

Oracle 11g Grid Infrastructure Installation

- Basic/Advanced Grid Infrastructure Install (without GNS and IPMI)...
- Grid Infrastructure Home Patching
- RDBMS Software Install
- Run ASMCA to create diskgroups

Oracle 11g R2 RAC Database Software Installation

- Installing The Oracle Database Software
- Creating A Cluster Database
- Post database Creation Tasks

Administering Oracle Clusterware

- Managing Clusterware with Enterprise Manager
- Determining the Location of the Oracle Clusterware Configuration Files
- Backing Up and Recovering the Voting Disk
- Adding, Deleting, or Migrating Voting Disks
- Locating the OCR Automatic Backups
- Oracle Local Registry
- Migrating OCR Locations to ASM
- Managing Network Settings
- Managing Oracle Clusterware

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Administering ASM Instances

- ASM Initialization Parameters
- Adjusting ASM Instance Parameters in SPFILEs
- Starting and Stopping ASM Instances Using srvctl
- Starting and Stopping ASM Instances Using ASMCA and ASMCMD
- Starting and Stopping ASM Instances Containing Cluster Files
- Starting and Stopping the ASM Listener
- Administering ASM Disk Groups
- Creating and Deleting ASM Disk Groups
- ASM Disk Group Attributes
- ASM Disk Group Maintenance Tasks
- Viewing ASM Disk Statistics

Prerequisite Steps for Extending a Cluster

- Using addNode.sh to add a Node to a Cluster
- Rolling Patches and Rolling Upgrades
- Installing a Patchset with the OUI Utility
- Installing a Patch With The opatch Utility

Cluster Node Management

- Add/Deleting the instance
- Add the Node
- Remove the Node
- Single-Instance Conversion Using rconfig
- Single-Instance Conversion Using DBCA

Troubleshooting Oracle Clusterware

- Oracle Clusterware Log Files
- Gathering Log Files Using diagcollection.pl
- Component-level Debugging
- RAC-Specific Wait Events, Global Enqueues, and System Statistic
- Implementing the Most Common RAC Tuning Tips

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- Using the Cluster Database Performance Pages
- Using the Automatic Workload Repository in RAC
- Using Automatic Database Diagnostic Monitor in RAC

Oracle Data Guard Training Syllabus

Overview

- What Is Oracle Data Guard?
- Oracle Data Guard Architecture
- Types of Standby Databases
- Types of Services
- Benefits of Implementing Oracle Data Guard

Understanding the Oracle Data Guard Architecture

- Data Guard Redo Apply Architecture
- Data Guard SQL Apply Architecture
- Standby Database Modes

Configuring Data Protection Modes

- Maximum Protection
- Maximum Availability
- Maximum Performance
- Comparisons
- How to Set the Mode

Creating a Physical Standby Database by Using SQL

- Preparing the Primary Database
- Setting Initialization Parameters on the Primary Database
- Backing Up the Primary Database
- Creating a Control File for the Standby Database
- Setting Initialization Parameters on the Standby Database

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- Setting Up the Environment to Support the Standby Database
- Starting the Physical Standby Database
- Performing Additional Configuration Tasks

Creating a Logical Standby Database by Using SQL

- Preparing to Create a Logical Standby Database
- Creating a Physical Standby Database
- Preparing the Primary Database
- Transitioning to a Logical Standby Database
- Opening the Logical Standby Database
- Verifying the Logical Standby Database

Performing Switchover and Failover

- Choosing the Best Role Transition Operation
- Performing a Switchover by Using SQL
- Performing a Failover by Using SQL

RAC training batch size in Chennai

Regular Batch (Morning, Day time & Evening)

- Seats Available : 8 (maximum)

Weekend Training Batch (Saturday, Sunday & Holidays)

- Seats Available : 8 (maximum)

Fast Track batch

- Seats Available : 5 (maximum)