



## **Oracle RAC DBA (Grid Infrastructure 11gr2) Training**

This is an intensive 6-day, full time hands-on in Oracle Real Application Clusters (RAC) course. The course focuses on ASM Concept , RAC architecture, installation , administration, backup and recovery , Monitoring and performance through OEM.

**Training Duration:** 6 Days

### **Course Contents :**

**Day 1:**

**Introduction :**

**Introduction of Clusters**

**Advantages of Using RAC**

**RAC Architecture And Concepts**

**Oracle release 11gr2 overview**

**Background Processes**

**Introduction to 11g RAC daemons**

**Storage Options for RAC Database :**

**Introduction to ASM**

**Advantages of ASM**

**Day 2 :**

**RAC Installations :**

**Installing Cluster Ready Services (Grid Infrastructure 11gr2)**

**ASM configure**

**Install Database Software (Rdbms 11gr2)**

### **Day 3:**

#### **RAC Database Creation:**

**Creating the Cluster Database**

**Manage redo log groups in a RAC environment**

**Manage undo Tablespaces in a RAC environment**

**Oracle Rac net services**

**Introduction to SCAN listener**

### **Day 4:**

#### **Introduction to ASM and Rac tools**

**asmcmd**

**asmca**

**crsctl**

**srvctl**

#### **RAC Administration :**

**SRVCTL necessity in RAC**

**Starting and Stopping instances and database**

**Enabling and Disabling services**

**Working with spfile in RAC environment**

**Management of OCR and Voting Disk**

### **Day 5 :**

#### **Managing Backup and Recovery in RAC :**

**Consideration for Logical Backups in RAC (Datapump )**

**Physical Backup and Recovery in RAC through RMAN**

#### **Design for high availability :**

**Migration to RAC (single instance to multi-instance)**

**Adding Node and deleting nodes in existing RAC**

**Configure Server and client side connect -time load balancing**

**Configure and manage services with srvctl commands**

**Day 6 :**

**RAC Monitoring and performance aspects and Use of Enterprise manager(OEM)**

**Determine RAC specific Performance issue**

**Administrating Services with EM**

**EM Cluster Database Performance pages**

**Q and A session**