

DB43
2-Days

Oracle 9i / 10g DBA Conversion

This course is aimed at DBA staff with experience in databases other than Oracle and who are about to take on responsibility for an Oracle 9i/ 10g database. This course builds on that experience to provide effective and economic training in Oracle DBA techniques. By assuming some familiarity with databases from the outset, this 2-day course is the most efficient way of introducing Oracle to your DBA staff.

Course Objectives

To provide specific Oracle training such that delegates will be able to perform in an Oracle DBA role and in particular they will:-:

- Understand the Oracle architecture components
- Be familiar with the tools and utilities of Oracle
- Manage Users, Roles and Profiles effectively
- Be able to create, maintain and configure a database
- Understand the data backup / recovery strategy of Oracle
- Understand how to use SQL*PLUS
- Understand Oracle Listener and how to configure and debug it
- Understand Oracle storage management systems
- Be able to tune and analyze SQL statements

Audience

Staff who require specific training to support an Oracle database

Prerequisites

DBA experience in supporting a major RDBMS such as Sybase, MS SQL Server, DB2, MySQL

Timetable

Register at 09:00 for 09:30 start.
Finish at 17:00.

Presentation Style

Lectures, demonstrations and hands-on exercises.

Dates and Venues

Refer to *Course Schedules*.

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| <p>The course covers:</p> <ul style="list-style-type: none">📁 Introduction Overview of Oracle Corporation and Products📁 Oracle Architecture📁 Instances,📁 Databases,📁 Processes, Files,📁 Tablespaces, SGA, PGA, Core Structures, Control Files, Synonyms, Links, Users, Privileges and Roles📁 Oracle Directory Structure Special System users📁 Oracle 9i Distributed Architecture📁 2-Tier and 3-Tier architectures📁 Listener configuration and debug📁 ODBC / JDBC, Access and Pass-Through Queries📁 Oracle Toolsets📁 Database Creation Instance Startup / Shutdown , Mount and NoMOUNT📁 DBA Studio, Enterprise Manager, Schema Manager📁 Oracle Admin Assistant, SQL Plus Worksheet📁 SQL Developer📁 Oracle SQL*PLUS and Oracle SQL📁 SQL overview and SQL Entry with SQL*PLUS | <ul style="list-style-type: none">📁 Procedures📁 Formatting of output📁 Building interactive SQL📁 Introduction to PL/SQL📁 PL/SQL Structure📁 PL/SQL Stored Procedures & Triggers📁 PL/SQL entry via SQL*PLUS📁 DBA Functions and Tools - How To ...📁 Get HELP, query system information, control an instance📁 Control User Processes, read LOGs and Trace files📁 Enlarge / reallocate tablespace, system files📁 Create Locally or Dictionary-managed files📁 Create / manage Rollback segments📁 Monitor instance health via logs and traces and space usage📁 Read the static and dynamic Views📁 Use the ANALYZE command📁 Backup and Recovery procedures📁 Back up Modes ... with /without ARCHIVING📁 Finding the files for Backup / Recover | <ul style="list-style-type: none">📁 Cold vs. Hot backup📁 Backup and Recovery strategies📁 Complete or partial Recovery📁 Bulk data loading📁 Recovery Manager📁 Overview of new Features in Oracle 9i and 10g📁 Java capabilities📁 WebDB📁 Oracle XML facilities📁 Oracle Resources📁 Web-based resources |
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