

O921 - Oracle 10g DBA for Linux

Course Objectives

This follow-on course is designed to introduce the Oracle 10g-database administrator to the functional controls involved in the management of the RDBMS on a Linux platform.

The course acts as an additional asset to the Oracle 10g DBA Part 1 course and covers platform specific issues around a Linux based implementation including installation, configuration and management functions.

Who Should Attend	Prerequisites	Duration
Oracle Database Administrators Oracle Technical IT Managers Oracle Support Engineers Oracle Application Developers Oracle Project Managers	Oracle 10g DBA Part 1	2 Days

Course Contents

Introduction

Introduction to Linux
Enterprise Linux Distributions

Basic Linux Commands

Linux file system Fundamentals
Navigating the File System
Viewing Files
Modifying Files

Operating System pre-requisites

Required kernel modifications
Kernel tuning
Additional package requirements
Network setup
File system options.
X-Server setup

Preparing Linux

Configuring the Kernel
Linux update systems
Installing OS updates
Creating Users and Groups
Preparing the Environment
Asynchronous I/O

Installing Oracle

Using the Universal Installer and X Windows.
Java requirements
Using the Database Configuration Assistant

Database creation

Creating a new database using the Oracle toolset
Oracle network service configuration

Database integration

Service creation
Scripting for database management
OS utilities and Oracle integration

Managing the Database

Processes
Oracle tuning
Enterprise Manager access
Using Export/Import and pipes
Configuring the SGA

Linux Monitoring Tools

Using top
Measuring system load
Analyzing OS statistics

Maintenance and Backup

Linux backup commands
Automated task scheduling
Logical backups and Linux