

O911 - Oracle 9i DBA for Linux

Course Objectives

This follow-on course is designed to introduce the Oracle 9i-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 9i 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 9i DBA Part 1	3 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

Oracle 9i Special Requirements

Package requirements
 Patches
 Specific 9i requirements

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