

## Managing Oracle Database on Oracle Solaris 11 Ed 1

**Duration:** 4 Days

### What you will learn

This Managing Oracle Database on Oracle Solaris 11 Ed 1 training teaches DBAs how to optimally configure an Oracle Solaris 11 environment. It's specially designed for Database Administrators running their database applications on Oracle Solaris 11.

Learn To:

- Plan for an Oracle Database deployment on Oracle Solaris 11.
- Configure Oracle Solaris 11 Facilities to use with Oracle Database.
- Virtualize Database instances.
- Configure Oracle Solaris 11 Virtual Machines for an Oracle Database deployment.
- Troubleshoot Oracle Database on Oracle Solaris.

### Benefits to You

By taking this course, yo'll walk away with the knowledge and skills to maximize the performance of Oracle Database 11g or Oracle Database 12c, through a combination of interactive instruction and hands-on exercises. You'll get a chance to practice database management tasks by performing a series of guided hands-on labs that walk you through the critical tasks in Oracle Solaris 11 associated with database installation, optimization and management.

### Audience

Database Administrators  
Support Engineer  
System Administrator  
Technical Consultant

### Related Training

#### *Required Prerequisites*

Basic Database 11g Administration Skills  
Basic Solaris System Administration Skills

#### *Suggested Prerequisites*

Knowledge of Oracle Database 11g  
Knowledge of Oracle Solaris 11  
Knowledge of Oracle Solaris Zones

## Course Objectives

Properly Install an Oracle Database on Oracle Solaris 11

Virtualize Database instances

Optimize Database Performance

Troubleshoot Oracle Database on Oracle Solaris

## Course Topics

### Planning for the Database Installation and Optimization

Oracle Solaris 11 Considerations

Oracle Database Considerations

Oracle Solaris 11 Optimization

### Administering RAC Database 12c on Oracle Solaris

Describe Oracle Grid Infrastructure

Describe Oracle RAC Database on Oracle Solaris

Describe Oracle Database 12c Multitenant Architecture

Create a plan for Oracle RAC Database Installation on Oracle Solaris 11

### Installing Oracle Database 11g on Oracle Solaris

Configure Oracle Solaris 11 Facilities

Compare Interactive vs Automated Install

Considerations for Installing Oracle Database 11gR2

Perform Post-installation Tasks

### Deploying Oracle Databases in Solaris 11 Virtual Machines

Oracle Solaris 11 Virtualization in the Datacenter

Configuring an Oracle VM Server for SPARC for Oracle Database Deployment

Oracle VM Server for SPARC Case Study

Configuring Oracle Solaris Zones for Oracle Database Deployment

Configuring Oracle Solaris Zones for Oracle Database  
Oracle Solaris Zones Case Study

### Optimizing Oracle Solaris 11 for Oracle Database

The Basics of Solaris 11 Optimization

Optimizing the Network

Optimizing the Storage

Optimizing System Memory

Optimizing System Processes

Optimizing Virtual Machines

Using DTrace