

## Oracle Solaris 11 System Administration Ed 6

**Duration:** 5 Days

### What you will learn

The Oracle Solaris 11 System Administration training covers the full range of introductory system administration tasks on Oracle Solaris 11.3 OS. The topics covered range from installing the operating system on a single system, to monitoring and basic troubleshooting. The Oracle Solaris 11 System Administration course is designed to provide new system administrators, as well as enterprise system administrators who are new to the Oracle Solaris 11 Operating System, with the skills they need to perform their job tasks successfully and efficiently.

### Learn To:

Perform software installation and software package updates.

Manage services, processes and access controls.

Administer data storage, zones, network and users.

### Benefits to You

The course provides an intensive hands-on experience for key system administration tasks with the goal of making the system administrator job-ready.

### Audience

Support Engineer

System Administrator

### Related Training

#### *Required Prerequisites*

Basic UNIX skills

UNIX and Linux Essentials

### Course Objectives

Administer the Oracle Solaris 11 Host on an Existing Network

Administer Oracle Solaris Zones

Control Access to Systems and Files

Install Oracle Solaris 11 Operating System

Administer User Accounts

Administer System Processes and Schedule System Tasks

Manage Data by Using ZFS

Manage Boot and Shutdown of a System

Administer Services by Using SMF

Administer Software Packages by Using IPS and Manage Boot Environments

Update the OS by using IPS

## Course Topics

### **Installing Oracle Solaris 11 Operating System**

Introduction to Oracle Solaris 11 OS

Planning for Oracle Solaris 11 OS installation

Installing Oracle Solaris 11 OS by Using the Live Media Installer

Installing Oracle Solaris 11 OS Using the Text Installer

Verifying the OS Installation

### **Managing Boot and Shutdown of Systems**

Analyze the boot design and boot process

Boot a SPARC-based system

Boot an x86-based system

Shut down a system

### **Administering Services by Using SMF**

Describing SMF and its components

Administering SMF Services

### **Administering Software Packages by Using IPS and Managing Boot Environments**

Describing IPS, its components, and interfaces

Configuring an IPS Client to Access the Local IPS Repository

Managing Package Publishers

Managing Software Packages

Managing Signed Packages and Package Properties

Describe the use of IPS in packaging the Oracle Solaris OS

Manage boot environments

Updating the OS by using IPS

### **Managing Data by Using ZFS**

Introducing ZFS

Administering ZFS Storage Pools

Administering ZFS File Systems

Administering ZFS Properties

Administering ZFS Snapshots and Clones

### **Administering the Network**

Reviewing Networking Fundamentals

Administering Datalink Configuration

Administering a Network Interface

Administering Profile-Based Network Configuration

Configuring a Virtual Network

Verifying the Network Operations

Managing Resources on the Virtual Network

### **Administering Oracle Solaris Zones**

Introducing Oracle Solaris Zones

Configuring an Oracle Solaris Zone

Determining an Oracle Solaris Zone Configuration

### **Controlling Access to Systems and Files**

Controlling Access to Systems

Controlling Access to Files

Securing Access to Remote Host

### **Administering User Accounts**

Getting Started with the User Administration

Setting Up User Accounts

Maintaining User Accounts

Configuring User Disk Quotas

### **Managing System Processes and System Tasks**

Managing System Processes

Scheduling System Administration Tasks