

Oracle Solaris 11 System Administration Ed 3

Duration: 5 Days

What you will learn

This Oracle Solaris 11 System Administration course teaches you the full range of introductory system administration tasks. Learn to monitor basic troubleshooting and install the operating system on a single system. After completing this course, for more "advanced" Oracle Solaris 11 system administration tasks, please register for Oracle Solaris 11 Advanced System Administration.

New to Oracle Solaris 11.1 Operating System

If you are an experienced Oracle Solaris 10 System Administration and are looking for Oracle Solaris 11 training, you should consider the Transition to Oracle Solaris 11 course as it builds on your Oracle Solaris 10 experience.

Learn To:

- Perform basic installation and software package updates
- Perform basic services, process, and access control management
- Perform basic data storage, zones, network and user administration

Benefits To You:

Discover how Oracle Solaris 11.1 delivers Oracle Database and Java enhancements, expanded mission-critical cloud management capabilities and advanced platform features. This course provides intensive hands-on experience with key system administration tasks with the goal of making the system administrator job-ready. As you learn about new cloud management features in Oracle Solaris 11, you will be able to provide your organization with accurate insights.

Audience

- Support Engineer
- System Administrator

Related Training

Required Prerequisites

- Basic UNIX skills

Suggested Prerequisites

- Basic shell scripting

Course Objectives

- Install the Oracle Solaris 11.x Operating System on a single system

Perform basic system assessments

Update and manage software packages

Manage services

Set up and manage data storage

Perform basic zones administration tasks

Perform basic physical network administration tasks

Set up and administer users

Control access to systems and files

Perform basic system process management

Monitor and perform basic system troubleshooting

Course Topics

Installing Oracle Solaris 11 Using an Interactive Installer

Planning for an Oracle Solaris 11 OS installation

Installing Oracle Solaris 11 Using an Interactive Installer

Verifying the Operating System Installation

Updating and Managing Software Packages

Planning for an Oracle Solaris 11 OS Software Update

Updating the Oracle Solaris 11 OS

Managing Software Packages

Upgrading Oracle Solaris 11 to Oracle Solaris 11.1 OS

Administering Boot Environments

Administering Services

Planning for Oracle Solaris 11 Services Administration

Administering SMF Services

Booting and Shutting Down a System

Setting Up and Administering Data Storage

Planning for Data Storage Management

Administering ZFS Storage Pools

Administering ZFS File Systems

Administering ZFS Snapshots and Clones

Administering Oracle Solaris Zones

Planning for Oracle Solaris Zones

Determining an Oracle Solaris Zone Configuration

Administering an Oracle Solaris Zone

Administering a Physical Network

- Planning for Network Management
- Determining Datalink Availability
- Configuring a Network Interface
- Administering a Network Interface
- Verifying Network Operation

Setting Up and Administering User Accounts

- Planning for User Administration
- Setting Up User Accounts
- Maintaining User Accounts
- Managing User Initialization Files
- Using Shell Metacharacters and Configuring User Disk Quotas

Controlling Access to Systems and Files

- Planning for System and File Access Control
- Controlling Access to Systems
- Controlling Access to Files
- Configuring and Using Solaris Secure Shell

Managing System Processes and Scheduling System Tasks

- Planning for System Processes Management
- Managing System Processes
- Scheduling System Tasks

Performing Basic System Monitoring and Troubleshooting

- Monitoring System Logs
- Introducing Core Files
- Introducing Crash Dump Files
- Introducing Core Dump Files