

System Administration for the Oracle Solaris 10 OS Part 1

Introducing the Solaris 10 OS Directory Hierarchy

- File Systems
- File Components
- File Types
- Using Hard Links

Managing Local Disk Devices

- Basic architecture of a disk
- Oracle Solaris OS Naming Conventions for Devices
- Listing System Devices
- Reconfiguring Devices
- Partitioning a Hard Disk
- Extended Volume Table of Contents

Managing UFS File Systems

- Oracle Solaris OS File Systems
- Creating a New UFS File System
- Checking the File System Using the fsck Command
- Resolving File System Inconsistencies
- Monitoring File System Use

Performing Mounts and Unmounts

- Working With Mounting Basics
- Performing Mounts
- Managing ZFS Mount Points
- Performing Unmounts
- Accessing Mounted Diskettes, CD-ROMs, or DVDs
- Restricting Access to Mounted Diskettes, CD-ROMs, or DVDs
- Accessing a Diskette, CD-ROM, or DVD Without VMS

ZFS File System Introduction

- Describing the Oracle Solaris ZFS file system
- Defining ZFS Terminology
- Creating new ZFS pools and file systems
- Destroying ZFS pools and file systems
- Modifying ZFS file system properties
- Working with ZFS snapshots and clones

Describing Interface Configurations

- Controlling and Monitoring Network Interfaces
- Configuring IPv4 Interface Files

Performing Oracle Solaris 10 OS Package Administration

- Introducing the Fundamentals of Package Administration
- Administering Packages From the Command Line

Managing Software Patches on the Oracle Solaris 10 OS

- Patch Administration Preparation
- Installing and Removing Patches
- Using the smpatch Command
- Configuring the Patch Management Environment

Using Boot PROM Commands

- Introducing Boot PROM Fundamentals
- Using Basic Boot PROM Commands
- Identifying the System Boot Device
- Creating and Removing Custom Device Aliases
- Viewing and Changing NVRAM Parameters From the OS
- Interrupting an Unresponsive System

Using the Grand Unified Bootloader

- Introduction to GRUB
- Modifying x86 System Boot Behavior in the Oracle Solaris OS
- The findroot Command for x86
- Managing GRUB Boot Archives
- Booting a System in the GRUB-Based Boot Environment
- Interrupting an Unresponsive System

Performing Legacy Boot and Shutdown Procedures

- Solaris SPARC Boot Design Overview
- Legacy Boot and Shutdown
- Identifying Boot Process Phases
- Legacy Run Level Fundamentals
- Controlling Legacy Boot Processes
- Performing System Shutdown Procedures

Service Management Facility (SMF)

- Introduction to SMF
- Secure By Default

Performing User Administration

- Introducing User Administration
- Setting Password Aging on a User Account
- Managing User Accounts
- Managing Initialization Files