Transition to Oracle Solaris 11

Introduction

Introducing the Oracle Solaris 11 New Features and Enhancements

- Describe the Oracle Solaris 11 features and enhancements
- Compare the features of Oracle Solaris 10 and Oracle Solaris 11
- Describe a strategy for transitioning from Oracle Solaris 10 to Oracle Solaris 11

Managing Software Packages by Using IPS

- Explain the Image Packaging System (IPS)
- Configure a local IPS repository
- Manage software packages
- Describe the use of IPS in packaging the Oracle Solaris OS
- Update a system to Oracle Solaris 11.3
- Manage boot environments

Installing the Oracle Solaris 11 Operating System

- Perform interactive installations of Oracle Solaris 11
- Configure an AI server for automated installation of Oracle Solaris 11
- Distinguish between JumpStart and AI
- Build custom Oracle Solaris images by using distribution constructor

Configuring the Network

- Explain the fundamentals of Oracle Solaris 11 network
- Configure the network in Oracle Solaris 11
- Configure a virtual network
- Configure network high availability
- Configure Packet Filter to control network access
- Manage network resources for optimum utilization
- Monitor network traffic by using observability tools

Administering Oracle Solaris 11 Zones

- Explain the fundamentals of Oracle Solaris 11 zones
- Migrate Oracle Solaris 10 systems
- Configure Oracle Solaris kernel zones
- Configure zones by using AI
- Monitor zone resource consumption

Managing ZFS File System

- Explain Oracle Solaris 11 ZFS file system features
- Migrate UFS and ZFS file systems
- Split a mirrored ZFS storage pool
- Identify ZFS snapshot differences
- Configure ZFS deduplication

Securing the Oracle Solaris 11 OS

- Describe the Oracle Solaris 11 security features
- Explain the Cryptographic Framework feature of Oracle Solaris
- Implement security for automated installations
- Describe ZFS file system encryption
- Manage read-only zones
- Verify file integrity by using BART
- Monitor the audit service
- Assess the compliance of an Oracle Solaris system