

Transition to Oracle Solaris 11

Duration: 5 Days

What you will learn

This Transition to Oracle Solaris 11 course builds on system administration experience with Oracle Solaris 10. You'll learn how to plan and perform transitioning tasks and more.

Learn To:

Examine various aspects of planning for the transition from Oracle Solaris 10 to Oracle Solaris 11.

Understand the new features delivered with Oracle Solaris 11 including Automated Installer (AI), Image Packaging System (IPS), and network virtualization.

Use new features introduced in Oracle Solaris 11.1.

Practice transitioning to the Oracle Solaris 11 operating environment by performing a series of guided hands-on labs.

Operating System Migration Activities

You'll engage in lab exercises that will walk you through critical tasks associated with operating system migration activities. These labs include case studies that showcase best practices when transitioning from Oracle Solaris 10 to Oracle Solaris 11.

Live Virtual Class Format

A Live Virtual Class (LVC) is exclusively for registered students; unregistered individuals may not view an LVC at any time. Registered students must view the class from the country listed in the registration form. Unauthorized recording, copying, or transmission of LVC content may not be made.

Audience

Data Center Manager

Network Administrator

Support Engineer

System Administrator

System Integrator

Related Training

Required Prerequisites

Minimum two years experience working with Oracle Solaris 10

Course Objectives

Manage software packages in Oracle Solaris 11

Install the Oracle Solaris 11 OS

Administer zones in Oracle Solaris 11

Explain new ZFS file system features and enhancements

Describe new security administration features and enhancements

Describe Oracle Solaris 11 new features and enhancements

Manage virtual networks in Oracle Solaris 11

Course Topics

Introduction

Introducing the Oracle Solaris 11 New Features and Enhancements

Oracle Solaris 11 new features and enhancements

Features comparison

Strategy for transitioning to Oracle Solaris 11

Managing Software Packages in Oracle Solaris 11

Introduction to the Image Packaging System (IPS)

Configuring a local IPS repository

Managing software packages by using IPS

Publishing a software package in IPS

Managing boot environments

Installing the Oracle Solaris 11 Operating System

Introducing Oracle Solaris 11 Operating System installation options

Performing interactive installations of the Oracle Solaris 11 Operating System

Configuring an AI server and clients

Comparing and converting JumpStart to AI

Working with the distribution constructor

Upgrading Oracle Solaris 11 to Oracle Solaris 11.1 OS

Administering Oracle Solaris 11 Zones

Introduction to Oracle Solaris 11 zones

Migrating Oracle Solaris 10 zones

Configuring zones by using AI

Monitoring zone resource consumption

Migrating a Physical Oracle Solaris 10 System into a Oracle Solaris10 branded zone (P2V)

Oracle Solaris 11 Network Enhancements

Introducing Oracle Solaris 11 network enhancements

Managing reactive network configuration

New and enhanced network management utilities

Configuring network virtualization

- Configuring IPMP
- Configuring Link aggregation
- Configuring network bridges
- Configuring ILB

Oracle Solaris 11 ZFS Enhancements

- Introducing the Oracle Solaris 11 ZFS enhancements
- Migrating UFS and ZFS file systems
- Splitting a mirrored ZFS storage pool
- Identifying ZFS snapshot differences
- Configuring ZFS deduplication
- Configuring COMSTAR

Oracle Solaris 11 Security Enhancements

- Oracle Solaris 11 Security Enhancements
- Oracle Solaris Cryptographic framework
- ZFS dataset encryption
- Managing read-only zones
- Basic Audit Reporting Tool (BART)
- Auditing