

What's New in Oracle Solaris 11

Duration: 1 Day

What you will learn

Oracle Solaris 11 is the first and only fully virtualized operating system proving fast and secure deployment of services in a large-scale cloud environment. Learn about the new features and functionality of Oracle Solaris 11 and how these new features and improvements will make it easier to deploy services to the enterprise.

Learn To:

Implement the new packaging system.

Use the default file system, ZFS.

Improve your data management capabilities.

Deliver fully virtualized networking.

Use the advanced user, application and device security.

Work with an operating system that improves performance and reduces total cost of ownership.

Learn from Expert Oracle University Instructors

When you enroll in this course, you'll get the chance to learn from Oracle University experts who know Solaris 11 inside and out. Through a combination of instruction and hands-on exercises, you'll develop your Solaris 11 expertise to improve how your organization manages data.

Audience

Architect

Network Administrator

Security Administrators

System Administrator

System Integrator

Related Training

Required Prerequisites

Knowledge of or experience with Solaris 10 OS technologies

Course Objectives

Understand the key features of Oracle Solaris 11

Understand the Image Packaging System

Describe Automated Installation

Understand the enhancements in Oracle Solaris 11 virtualization technologies

Understand the new features and capabilities of ZFS

Course Topics

Introduction to Oracle Solaris 11

Describe the Key Features of Oracle Solaris 11

Understand Oracle's commitment to Solaris and SPARC

Image Packaging System (IPS) and Automated Installer (AI)

Understand why the packaging system is changing

Describe the design and new features of IPS

Describe how to search, install, verify, repair, and remove package

Describe boot environments

Define the components of the AI

Describe how to create an AI service

List the steps to convert from JumpStart to AI

Describe the Distribution Constructor

Network Virtualization

Describe Network Interface Card virtualization

Define virtual switching

Explain the Open Networking Platform

List the network performance enhancements

ZFS Features in Oracle Solaris 11

Describe root pool enhancements

Define the deduplication and synchronization properties

List changes to snapshots and send streams

Describe the performance enhancements

List interoperability enhancements with ACLs

Oracle Solaris Zones

List the major enhancements to Zones

Define the changes in networking and storage for Zones

Describe how to use zonestat for Zone monitoring

Network Virtualization - Part II

Describe load balancing components

Define IP filtering and IP forwarding in a zone

List the network performance improvements

Security Features of Oracle Solaris 11

Describe new security features of Solaris 11

Explain enhancements to process rights management

Describe enhancements to user rights management

Define the cryptographic framework

Describe how to create an encrypted file system

Service Management Facility (SMF)

Describe considerations for deploying applications in Oracle Solaris 11