Oracle Solaris 11 Advanced System Administration Ed 5 NEW

Duration: 5 Days

What you will learn

This advanced Oracle Solaris 11 Advanced System Administration training provides an intensive hands-on experience with the Oracle Solaris 11.3 operating system. You'll learn complex and integrated administration concepts through a combination of lessons and hands-on exercises that will reinforce your learning.

Learn To:

Manage services and service properties using SMF.
Managing software packages by using IPS.
Back up and restore data using ZFS.
Configure network and network high availability.
Administer network services.
Administer the zones.
Securing the Oracle Solaris 11 OS.
Install Oracle Solaris 11 OS on multiple hosts.
Implement system messaging and diagnostic facilities.

Benefits to You

Develop relevant, crucial skills and a better understanding of the Oracle Solaris 11.3 system administration and new enhancements done to the OS, which allow you to run your most demanding enterprise applications in private, hybrid, or public clouds.

Develop Oracle Solaris 11.3 OS Expertise

This course builds on the system administration skills taught in the Oracle Solaris 11.3 System Administration course. You'll work with expert Oracle University instructors to develop a deep understanding of Oracle Solaris 11.3 OS that you can leverage in your day-to-day job.

Please Note: This is an Advanced Course

This is an advanced course which dives into the details of configuring and administering an Oracle Solaris 11 system. If you don't have Oracle Solaris 11 system administration experience, you should take the Oracle Solaris 11 System Administration course first to ensure effective knowledge of Oracle Solaris 11 system administration beforehand. Those with Oracle Solaris 10 experience should take the Transition to Oracle Solaris 11 course, as it builds on your Oracle Solaris 10 knowledge and provides training more tailored to your background.

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Audience

Data Center Manager
Network Administrator
Storage Administrator
Support Engineer
System Administrator

Related Training

Required Prerequisites

One year experience as an associate Oracle Solaris 11 system administrator.

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Suggested Prerequisites
Basic knowledge of Oracle Solaris 11 system administration

Course Objectives

Manage Services and Service Properties Using SMF

Mange Software Packages Using IPS

Back Up and Restore Data Using ZFS

Configure Network and Network High Availability

Administer Network Services

Administer the Zones

Securing the Oracle Solaris 11 OS

Manage Processes and Priorities

Install Oracle Solaris 11 OS on Multiple Hosts

Implement Systems Messaging and Diagnostic Facilities

Course Topics

Introduction
Course Goals
Course Agenda
Introductions
Your Learning Center
Your Lab Environment

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Managing Services and Service Properties Using SMF
Introducing the Advanced Features of SMF
Configuring SMF Services
Troubleshooting SMF Services

Managing Software Packages by Using IPS
Configuring a Local IPS Package Repository
Update the system by using IPS

Managing Data Back Up and Restore by Using ZFS
Plan for data storage configuration and backup
Manage data redundancy with mirrored storage pools
Back up and restore data with ZFS snapshots
Manage data storage space with ZFS file system properties
Troubleshoot ZFS failures

Configuring the Network
Create a virtual network by using EVS
Configure link aggregation for high performance
Configure IPMP for IP high availability

Administering Network Services
Configure Network File System (NFS)
Configure a Domain Name System (DNS) Client
Configure a Lightweight Directory Access Protocol (LDAP) Client

Advanced Administration of Zones
Manage system resources in a zone
Configure kernel Zones
Administer unified archives

Securing the Oracle Solaris 11 OS
Implement user privileges and roles
Manage privileges
Manage user rights
Verify file integrity by using BART
Monitor the audit service
Assess the compliance of an Oracle Solaris system

Managing Processes and Priorities
Implement process execution in an appropriate scheduling class
Manage process scheduling priority
Configure Fair Share Scheduler (FSS)
Manage the scheduling class of zones

Installing Oracle Solaris 11 on Multiple hosts
Introduce the Automated Installer
Configure the AI install server
Configure the AI client
Build an Oracle Solaris image

Implementing System Messaging And Diagnostic Facilities

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Monitor system logs
Identify a crash dump file
Identify a core dump file
Troubleshoot a script execution issue
Troubleshoot a software update failure
Troubleshoot a network connectivity issue
Troubleshoot a directory access issue
Troubleshoot a default shell issue

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