Solaris 11 System Administration - Part II

Duración: 5 Días **Código del Curso: SSA2R11**

Temario:

Solaris 11 System Administration - Part II Course Overview

English - Please note this course is only available in English.
Español - Por favor, tenga en cuenta que esta formación solo está disponible en inglés.

This Solaris System Administration training course will provide delegates with practical experience of configuring various a

Dirigido a:

Who will the Course Benefit?

This Solaris 11 System Administration - Part II course is aimed at IT staff responsible for administering a networked server in a local area network,running the Oracle Solaris operating environment. It will extend their skills beyond basic administration tasks.

Objetivos:

- Course Objectives
- Administering Solaris systems involves many specialised tasks including; monitoring system events with syslog,performing network installations,dealing with various aspects of the network environment and assigning system roles to users. Delegates taking this class will gain the necessary knowledge and skills to perform these tasks.

Prerequisitos:

- Attendance on the Solaris Introduction and Solaris 11 System Administration - Part I courses or similar knowledge is required. Shell Programming knowledge is beneficial but not essential. This skill can be gained by attending the Solaris Shell Programming course.

Siguientes cursos recomendados:

Further Learning

- Solaris Advanced Shell Programming Tools
- Oracle SQL
- Apache Web Server

Contenido:

Solaris 11 System Administration - Part II Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: CONFIGURING SMF

- SMF Review
- Troubleshooting Services
- State Notification
- SMF Properties
- Listing Properties
- Setting Properties
- Network Properties
- Configuring a new SMF Service
- Exercise

Session 2: CONFIGURING THE IMAGE PACKAGING SYSTEM IPS

- Configuring a local IPS repository
- Configuring the repository server
- Configuring access from network clients to a local IP repository
- Installing signed packages
- Publisher properties for signed packages
- Managing package publishers
- Managing multiple boot environments
- Exercise

Session 3: INSTALLING SOLARIS 11 USING THE AUTOMATED INSTALLER

- Introduction to the Automated Installer (AI)
- Obtaining the AI
- Setting up the requirements for the AI
- Creating the installation service
- Testing the first client
- Tailoring AI to the requirements of the install client
- Installation of software on the client
- Specifying repositories
- Specifying packages to install
- Exercise Solaris 11 System Administration - Part II Training Course Course Contents - DAY 2

Session 4: VIRTUAL NETWORKS

- What is a Virtual Network?
- Internal Virtual Networks
- External Virtual Networks
- Creating and Configuring a Virtual Network Device
- Post Configuration Procedures
- Exercise

Session 5: CONFIGURING NETWORKS AND NETWORK FAILOVERS

- Configuring systems on a local network
- Managing the network configuration profiles
- Manual mode network configuration
- Configuring link aggregations
- Configuring IP multipathing (IPMP)
- Exercise

Session 6: NETWORK FILE SYSTEM (NFS)

- NFS Terminology
- Configuring the NFS Server
- Legacy Shares
- ZFS Shares
- Configuring the NFS Client
- Autofs and /net
- Exercise

Session 7: ZONES

- Basic Description
- Main Features and Benefits
- Zone Configuration Settings and Characteristics
- Creating Zones
- Accessing Zones
- Managing the Zone State
- Zone System Processes
- Exercise Solaris 11 System Administration - Part II Training Course Course Contents - DAY 3

Session 8: ZFS AND DATA STORAGE

- ZFS Data Protection
- ZFS RAID Modes
- Backup and Recovery with Snapshots
- Managing Disk Space with ZFS Properties
- Exercise

Session 9: ROLE BASED ACCESS CONTROL (RBAC)

- Traditional UNIX security vs RBAC
- The RBAC security model
- Associated files and attributes
- Linking Attributes and their files together
- Attribute file formats
- Configuring RBAC: commands and files
- Exercise

Session 10: AUDITING

- What events create audit records
- Audit plugins
- Auditing terminology
- Main auditing commands
- Auditing with Solaris Zones
- Determining what to audit

Session 11: SYSLOG

- The /etc/syslog.conf Configuration File
- The M4 Utility
- Editing the syslog.conf File
- Testing syslogd Logging
- Exercise

Session 12: DUMP FILE CONFIGURATION

- Dump file definition
- System crash dumps
- Displaying the system crash dump configuration
- Modifying the system crash dump configuration
- Core dumps
- Displaying the core dump configuration
- Modifying the core dump configuration
- Exercise

Session 13: MONITORING AND MANAGING PERFORMANCE

- Monitoring Performance Procedures
- Monitoring System Wide Resources
- The sar,vmstat and iostat commands
- Monitoring Processes Resources
- The ps,prstat and top Commands
- Responding to Resource problems
- Exercise Solaris 11 System Administration - Part II Training Course Course Contents - DAY 5

Session 14: PROCESS PRIORITIES AND CLASSES

- Process Scheduling
- Scheduling Classes
- Listing Classes and Priority Ranges
- Managing Classes and Priorities
- The dispadmin command
- The priocntl command
- Exercise

- Displaying audit service settings
- Changing the preselect audit classes
- Assigning space for the audit trail
- Viewing the audit trail
- Displaying kernel audit statistics
- Exercise Solaris 11 System Administration - Part II Training Course Course Contents - DAY 4

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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