

Solaris 11 administration, level 2



MR-135 5 Days (35 Hours)

Description

During this course, Solaris 11 administrators will deepen their knowledge of all of the system's features. They will see advanced administration of IPS packages, network, security and storage, configuration of zones and virtual network as well as fault analysis.

Who is this training for ?

For whom

Solaris 11 system administrators wishing to deepen their knowledge of the system.

Prerequisites

Aucune

Training objectives

Training program

Administration avancée des packages logiciels

- Publisher administration.
- List of publishers.
- Advanced package administration.
- Manipulate packages in an inactive boot environment.
- Creating an inactive boot environment from a backup.
- Exercise: Handling packages.
- Creating your own publisher.

Déploiement réseau à l'aide d'AI

- The AI ??server.
- Prerequisites.
- Setting up.
- The AI ??client.
- Manifest Management.
- Deployment.
- Building a new image.
- Exercise: Implement the Automated Installer.

Administration avancée du stockage

- Backup and recovery strategies.
- Local backup.
- Remote backup.
- Incident management.
- Replacing a faulty disk.
- Fixing data corruption.
- Exercise: Implement backups/restores.
- ZFS handling.

Administration avancée du réseau

- NWAM - Network Auto Magic.
- Description.
- IPMP.
- Link-based and probe-based configuration.
- Link aggregation.
- Combination with IPMP.
- Exercise: Set up NWAM and IPMP.

Configuration des zones et du réseau virtuel

- Solaris 11 zones.
- Setup.
- Description of the virtual network.
- Virtual equipment: hubs, switches and routers.
- Limiting network traffic for a zone.
- Exercise: Administer zones and the virtual network.

Administration avancée de la sécurité et audit

- Audit mechanisms.
- Description.
- ZFS audit.
- Zone audit.
- Implementation place auditing mechanisms.
- Deployment.
- Exercise: Implement a security audit.

Administration avancée des zones

- CPU, memory and storage resources.
- Setup.
- Zone configuration.
- Changing the zone configuration.
- Supervision.
- Supervision commands.
- Exercise: Manage resources.
- Configure zones.
- Manipulate supervision commands.

Optimisation du système et analyse de pannes

- Resource monitoring.
- System commands.
- DTrace.
- Performance analysis.
- Methods of analysis.
- Crash analysis.
- Introduction to Core analysis.
- Crash analysis.
- Using mdb and DTrace.
- Exercise: Handle the analysis commands.
- Implement some mechanisms for optimization.