

AIX administration, level 1



SII-198 5 Days (35 Hours)

Description

This course will allow you to administer and best operate a client-server site using an AIX environment. All important aspects of AIX operation and administration will be covered.

Who is this training for ?

For whom

This course is intended for operators and system administrators who are responsible for AIX systems.

Prerequisites

Participants in this course must have a good knowledge of the system Unix.

Training objectives

- This course will allow you to best administer and operate a client-server site using an AIX environment.
- All important aspects of AIX operation and administration will be covered.

Training program

Introduction

- Different AIX versions.
- AIX administrator roles.
- Documentation sources.
- System administration: smit and wsm.
- Analysis of incidents management of system dumps, error messages.
- Using errpt.
- Practical work Handling smit.

Configuration réseau et services TCP/IP

- Description of communication methods over TCP/IP.
- Modifying network characteristics.
- Stopping and starting a service.
- Registering a service.
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- Network security.
- Practical work Configure the network.

Gestion des imprimantes

- Description of printer types.
- Installing a local and remote printer.

Gestion des disques durs, périphériques

- Adding, removing, and modifying hard drive specifications.
- Introduction to high availability.
- Administering LVM and file systems.
- Mounting, taken into account on restart.
- Swap: addition, deletion.
- Display of zone characteristics.
- System disk mirror.
- Peripherals: ODM description.
- Adding, deleting and modifying device characteristics.
- Practical work Disk and device management.

Sauvegarde et restauration

- Principles, backup procedures.
- Tar, pax and cpio commands.
- Using backup and restore.
- Bootable system backup (mksysb).
- Practical work Save, restore.

Administration des utilisateurs et des groupes

- Characteristics of user accounts and groups.
- Files and commands implemented.
- Practical work Addition, deletion and modification of an account and group of users.

NIS (Network Information Service), NFS (Network File System)

- Principles of a name service.
- Description of the NIS service and the LDAP service.
- Setting up an NIS Master Server, a Slave Server NIS and a NIS client.
- Administration.
- Adding a new table.
- Integration of the automounter into NIS.
- NFS: setting up the server and client.
- Administration and configuration.
- Automount: files and options.

Déploiement AIX

- Commands (at, cron).
- The different types of installation.
- Applications: deployment, software patches.
- Add, delete, view the lpp and rpm applications.