

## Solaris 10 administration



MR-179 5 Days (35 Hours)

### Description

This training will allow you to best administer and operate a client-server site using a Solaris environment.

### Who is this training for ?

#### For whom

This Solaris training is aimed at administrators of a Solaris site.

#### Prerequisites

It is necessary to have initial Solaris administration experience or to have completed the "Solaris: Administration" (USAS) course.

### Training objectives

- -Know how to install and configure a Solaris 10 system -Deep understanding of internal mechanisms -Know how to resolve certain incidents and communicate effectively with manufacturer support

### Training program

#### INSTALLATION

- Planning the installation
- Implementing an installation from CDROM
- Managing optional packages
- Installing patches
- Post-installation procedure
- Automated installation from a JumpStart server

#### COMPLÉMENTS SUR LES SYSTÈMES DE FICHIERS

- Backup and recovery
- Virtual file systems
- tmpfs feature and mounting option
- Setting up caches
- procs: /proc directory and associated commands
- ZFS file system

## CONFIGURATION DU NOYAU

- Kernel configuration
- Static configuration and the /etc/system file
- Dynamic configuration: mdb / adb commands
- Management kernel modules
- Static management: moddir, exclude, forcload
- Dynamic management: modinfo, modload, modunload

## GESTION DES ZONES SOLARIS

- Zone concept
- Zone management
- Zone administration
- Related zlogin commands,...

## GESTION DES INCIDENTS

- Incidents during system initialization
- System dump, analysis example
- Using Dtrace
- Operating principles
- Implementation examples

## SÉCURITÉ C2 : MISE EN OEUVRE

- Basic security and C2 Security
- Account security
- System audit
- Mastering the boot phases

## SOLARIS VOLUME MANAGER (SVM)

- SVM overview
- Managing metadevices
- Initializing SVM
- Simple RAID0, RAID1, or RAID5 metadevices
- Enlarging file systems on metadvice
- Deleting a metadvice
- Advanced operations
- Using soft partitions
- Mirroring the boot device
- Specific treatment of mirrors