



active systems S.A. de C.V.

CURSO LPI-201 LINUX NETWORK AND SERVICES I **(40 horas)**

I. Linux Kernel

- a. Kernel Components
- b. Compiling a kernel
- c. Patching a kernel
- d. Customizing a kernel

II System Startup

- a. Customizing system startup and boot processes
- b. System recovery.

III Filesystems

- a. Operating the linux filesystem.
- b. Maintaining a Linux filesystem.
- c. Creating and configuring filesystem options.

IV Hardware.

- a. Configuring RAID
- b. Adding new hardware.
- c. Software and Kernel configuration.
- e. Configuring PCMCIA devices

V File and Service Sharing.

- a. Configuring a samba server
- b. Configuring an NFS server

VI System Maintenance

- a. System logging
- b. Packaging software
- c. Backup operations

VII. System Customization and Automation.

- a. Automating tasks using scripts

VIII Troubleshooting

- b. Creating recovery disks
- c. Identifying boot stages
- o. Troubleshooting LILO
- p. General troubleshooting
- q. Troubleshooting system resources
- r. Troubleshooting environment configurations