

Outline # 4

Installing Linux

Fedora Installation

Methods of installation:

FTP (File Transfer Protocol): performing n/w installation

HTTP : installation tree served from web server

NFS (Network File System): the distribution tree is shared on an NFS server

SMB (Server Message Block): installation tree can be shared on Samba server

⇒ Installation

↳ Boot off DVD-ROM

press install or upgrade Fedora

↳ select language

⇒ Initialize Disk

↳ select type of storage devices involved
e.g. hard disk

↳ Data discarding option

⇒ Configure Network

↳ write host name

↳ can change after installation

=> Network Connection

- ↳ chose network connection type.
i.e. wired, wireless; broadband, WPA, DSL
- ↳ automatically configuration through DHCP

=> Time Zone Config

- ↳ configure UTC (coordinate universal time)
- ↳ select nearest valid location
time will setup automatically

=> Set root password

- ↳ root most privileged user
- ↳ equivalent to Admin Account in Windows
- ↳ Enter password
- ↳ Confirm "

=> Storage Config

- ↳ '/' identifies root partition
(= to C:)
- ↳ '/boot' identifies/contains files for boot process
(= to windows)
contains files to be executed before kernel begin execution
- ↳ '/usr' all programs resides
- ↳ '/home' contain's every user's home directory.

Temp: contains temporary files

Swap: where virtual memory is stored
not accessible by user.

=> Installation Options

- ↳ select (create custom layout)
default

- ↳ select disk setup

 - => create & select disk partition

 - => complete dialog box with inform

- ↳ Repeat

 - Select

 - Select disk setup

=> Configure Boot loader

- ↳ handles procedure of actual startup

- ↳ GRUB boot loader in Linux

- ↳ install boot loader after

- ↳ specifying a storage device

- ↳ can also installed on (MBR master boot record)

MBR is first thing the system will read.

=> Initial System Configuration

- ↳ after boot process pass through one time config

- ↳ Read licence & understand thoroughly.

⇒ Create user

↳ allows to create a local user
non-privileged user

↳ Select Add To Administrators Group

complete fields and find

Full Name → 'master'

UserName → 'master'

Password → ~

Confirm " → ~

⇒ Login

↳ after completion

login to system

↳ use credentials of user

Installing Ubuntu Server

⇒ Installation

↳ insert installation media

↳ select boot option accordingly

↳ select language

↳ select install UBUNTU.

↳ select language of OS

↳ select Country / Region

↳ select keyboard layout

⇒ Configure Network

↳ select host name
name of server

⇒ Setup user & Password

↳ Select & confirm

Full Name → Master admin

Username → master

Password → x

Confirm " → x

⇒ Configure Time Zone

↳ Sets time automatically acc to time zone
if not

↳ select manually

⇒ Other Tasks

↳ Select automatic update option

ON or OFF

↳ Select & install GRUB boot loader

↳ after installation reboot system
and login using credentials