

Initial Installation

- Before Installing
 - Does computer meet hardware and software requirements
 - Will current software work with new OS
 - All equipment functioning properly
 - Have appropriate Diskettes and/or CD-ROM
 - Understand new OS and what needs to be done
 - Have current device drivers for all equipment
 - Have required information about computer and devices
 - Backup all data files
- Require information
 - Where to install OS
 - Type of installation(default,custom,etc.)
 - Information about computer
 - Name
 - Company
 - Domain name
 - Licensing information
 - Which components you want to install
- Installation Steps
 - Loading and running installation program
 - Gathering system information
 - Determine which elements to install
 - Configure devices and drivers
 - Creating a floppy disk to boot in emergency
 - Copying OS files onto computer
 - Restarting computer and configuring devices
- Hardware information
 - CPU
 - Amount of RAM
 - Type of buses
 - Hard Disks
 - Video Card
 - Floppy Drive Type
 - Sound Card
 - NIC
 - Printer
 - Modem
- Checking Drivers
 - Goto Internet site of device mfg look for latest driver
- Checking Hardware compatibility list
- OS installation
 - MS-DOS
 - CPU
 - At least 80386

- Recommended 80486
 - Ram
 - At least 2MB
 - Recommended 4MB
 - Storage
 - At least 5MB
 - Recommended 10MB
 - Steps
 - Use fdisk to create partitions
 - Use FORMAT to prepare partitions
 - With /s
 - Configure
 - Config.sys
 - How to configure OS
 - What additional drivers to load
 - Autoexec.bat
 - Commands run when operating system starts
- Windows 3.1
- Hardware requirements
 - CPU
 - At least 80386
 - Recommended 80486
 - Ram
 - At least 1MB
 - Recommended 4-16MB
 - Storage
 - At least 10MB
 - Recommended 60MB
 - DOS
 - 5.2
 - 6.2 recommended
 - Monitor
 - At least 640 X 480
 - Recommended 800 X 600 in 256 colors
 - Windows for workgroups
 - Networking
 - netBEUI
 - default
 - IPX/SPX
 - Novell
 - TCP/IP
 - Transfer Control Protocol/Internet Protocol
 - Internet
 - Configure

- Config.sys
 - Himem.sys used
 - Memory – make more available
 - Stack=9,256
 - Windows for workgroups
 - IFSHLP.SYS
 - Allows file sharing
 - Autoexec.bat
 - For windows for workgroups add
 - Net start
 - Windows 95/98
 - Hardware requirements
 - CPU
 - At least 80486
 - Recommended Pentium 166
 - Ram
 - At least 8MB
 - Recommended 16MB
 - Storage
 - At least 190MB
 - Recommended 500MB
 - Takes 30-120 Minutes
 - CD-ROM faster
 - Options
 - Default
 - Portable
 - PCMCIA
 - Personal Computer Memory Card International Association
 - Expansion cards used in laptops
 - LCD Display
 - Compact
 - Minimum installation
 - Custom
 - You choose installation options
 - Creates startup disk for emergency
 - Swap file
 - A hard disk file that is used by the OS to swap out portions of running program when memory resources become low
 - Windows NT
 - Hardware requirements
 - CPU
 - At least 80486
 - Recommended Pentium 100
 - Ram

- At least 16MB
 - Recommended 32MB
 - Storage
 - At least 200MB
 - Recommended 500MB
 - Fewer hardware choices
 - CHECK HARDWARE COMPATABILITY LIST
 - Setup
 - Makes partitions and formats
 - Need to know domain information
 - Install RAS
 - Remote Access Service
 - Allows dialins
 - Network bindings
 - What protocols to install
 - Installing Service Packs
 - Licensing
 - Per-seat
 - Prices software according to the number of individuals who install and use the software
 - Per-server
 - Prices software according to the Server configuration, permits multiple users to access the software fro a central computer
- UNIX – LINUX for PC
 - Hardware requirements
 - CPU
 - At least 80486
 - Recommended Pentium 100
 - Ram
 - At least 8MB
 - Recommended 32MB
 - Storage
 - At least 40MB
 - Recommended 700MB
 - Time
 - 15-60 Minutes
 - Complete source with Kernel comes free
- Mac OS
 - Installed from CD-ROM
 - Boot from CD
 - Run installer
 - Name computer
 - Configure printer
 - Configure Internet