

## IST 251 – Chapter 2

### Pre-installation tasks

1. Ensure that hardware requirements are met.
2. Verify that all hardware is on the Hardware Compatibility List (HCL).
3. Decide how you will partition the hard disk.
4. Choose a file system for the installation partition.
5. Determine the domain or workgroup environment.
6. Complete a pre-installation checklist.

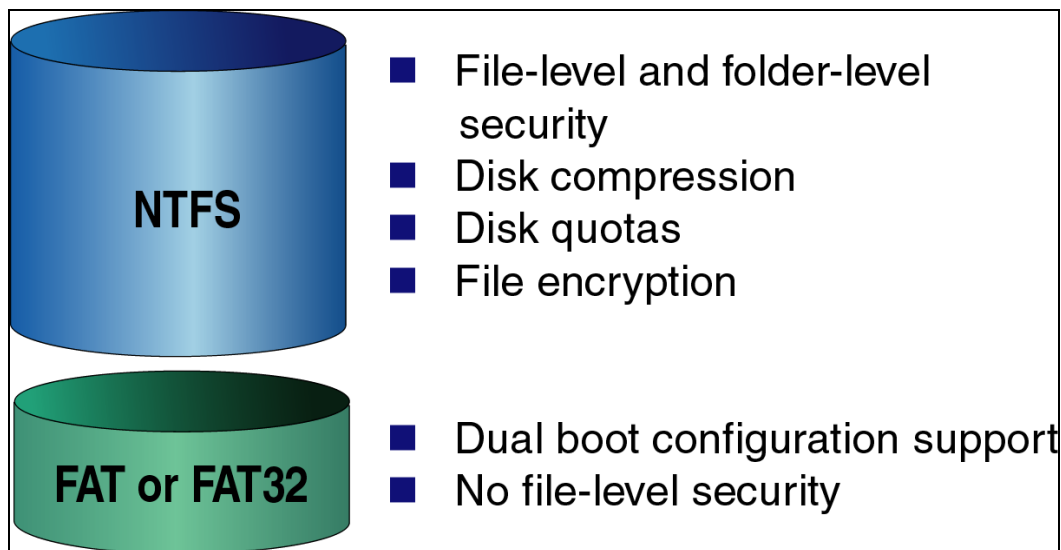
### Hardware requirements

1. CPU: Pentium 233 MHz or equivalent
2. Memory: 64 MB minimum, 128 MB recommended; 4 GB random access memory (RAM) maximum
3. Hard disk space: 1.5 GB on a 2-GB drive minimum
4. Networking: network adapter card and related cable
5. Display: video display adapter and monitor (VGA minimum)
6. Other drives: CD-ROM (12x or faster recommended) or DVD drive and a high-density, 3.5-inch disk drive
7. Accessories: keyboard and mouse or other pointing device

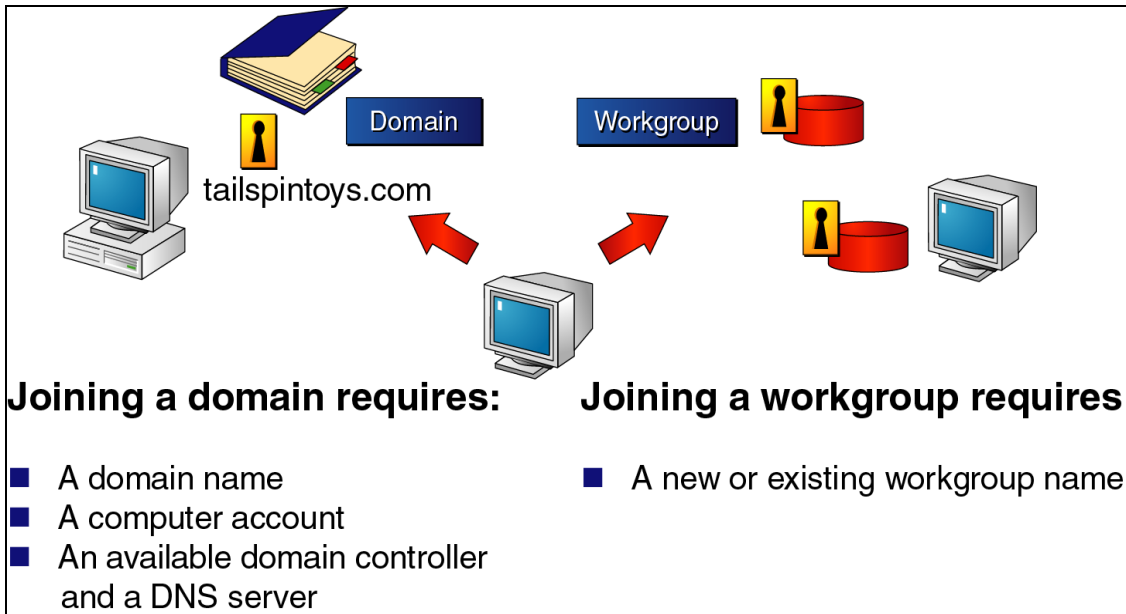
### Partitions and File Systems.

1.5 gig or larger partitions for XP operating systems  
NTFS – NT File System or FAT32 – File Allocation Table

I recommend always using NTFS unless you are creating dual-boot system with linux.



**Domains and Workgroups – for networking.** We're going to create a workgroup first



**Running the Setup Wizard - Setup gathers the following information:**

1. Regional settings
2. Person and organization for software license
3. Computer name
4. Password for Administrator account
5. Time and date

**DHCP** – Dynamic Host Configuration Protocol – DHCP Server dynamically assigns IP address

**Installing over the network**

1. Boot the network client.
2. Connect to the shared folder that contains the installation files.
3. Run WINNT.EXE or WINNT32.EXE to start the Setup program.
4. Install Windows XP Professional.

**Upgrading to Windows XP**

- Microsoft Windows 98
- Microsoft Windows Me
- Microsoft Windows 2000 Professional
- Microsoft Windows NT Workstation 4
- Microsoft Windows 95 (must be upgraded to Windows 98 first)
- Microsoft Windows NT 3.1, 3.5, or 3.51 (must be upgraded to Windows NT Workstation 4.0 first)

**Before upgrading you should Generate Hardware Compatibility Report**