

Lab #1 Setting Up Your Operating Systems

In this lab we will be setting up our Hard Drives to boot 3 Different Operating Systems: Windows XP Professional, Windows Server 2003 Enterprise Edition, and Fedora Core 3. This Lab will take several classes to complete.

Install Windows XP Professional

Our first step is to install Windows XP Pro. Estimated time 45 minutes.

1. Receive an XP install cd from me and boot from it
2. Create a 10Gb partition to Install XP on, leave the rest unpartitioned
3. Format it as NTFS (Full)
4. Accept the Defaults for Regional and Language Settings
5. Use the MSDNAA key, this key should work on multiple installs
6. Your computer name will be "yourfirstname-XP"
7. Make the Administrator password "Password01"
8. Select Typical Settings for your network settings
9. Make the PC part of the workgroup "L17_Advanced"
10. After the computer boots up install all the drivers from the drivers and utilities cd that you will receive from me (Hint: You can install them all at once then reboot rather than install then one at a time and rebooting after each one)
11. Disable the Welcome Screen "Control Panel → User Accounts → Uncheck the box next to Use the Welcome Screen"
12. Activate XP

Install Windows Server 2003 Enterprise Edition

Next we need to install Windows Server 2k3. Estimated time 45 minutes.

1. Receive an install cd from me
2. Select option A from the boot menu as we want to install Enterprise Edition
3. Create a 10Gb partition from the unpartitioned space
4. Format it as NTFS (Full)
5. Accept the Defaults for Regional and Language Settings
6. Use the MSDNAA key, this key should work on multiple installs
7. Use Per-Server Licensing Mode (Default)
8. Your computer name will be "yourfirstname-2K3"
9. Make the Administrator password "Password01"
10. Select Typical Settings for your network settings
11. Make the PC part of the workgroup "L17_Advanced"
12. Login and Activate Windows Server 2003 Enterprise Edition

Install Fedora Core 3

Next we are going to install Fedora Core 3. Estimated time 2 hours.

1. Put Disc #1 in the DVD Drive, the PC should boot automatically from it, if not press F11 to bring up the boot menu
2. Press enter to install in graphical mode
3. Skip the Media Test
4. Select English(English) as the install language
5. U.S English as the keyboard
6. Select Custom Installation
7. Manually Partition
8. To Create the Partition click on the free space and then the New Button.
9. First Linux Partition: Mount Point= / Size(Mb)=13000 Filesystem=ext3
10. Second Linux Partition: Filesystem=swap Size(Mb)=5000
11. click next
12. Configure Boot options:
 - Change “Other” to Read “Windows XP”
 - Click Add
 - Under label type “Windows 2K3”
 - Device= /dev/hda5
 - Ensure that the Default Boot Option is Fedora
13. On the Network configuration screen make sure both eth0 and eth1 are active on boot, leave other options as default
14. disable the firewall and SELinux
15. For additional Language Support check English(Canada) and uncheck English(USA)
16. Select America/Toronto-Eastern Time-Ontario-Most Locations as your time zone
17. Set your Root password as “Password01”
18. On the package selection screen scroll to the bottom and select the option to install everything
19. On the “About to Install” screen click next
20. Once the install is complete take out the cd and reboot the pc
21. Boot into Fedora
22. Click next t the welcome screen
23. Make sure the time is correct and enable the Network Time Protocol
24. Click next at he display screen
25. Create a user, use “Password01” as your password

End of Lab