

Implementing PC Security
150-151

Chapter 1 LAB-2
Do this lab on your own personal computer.

Name: _____

Step 1: Spy Out the Land

1. Answer the following questions:
 - a. Get a pad and pen
 - b. What is the administrator password?
 - c. Begin with a hard boot, how long did it take to boot?
 - d. Did you receive hardware errors during the boot?
 - e. What processor and RAM are installed?
 - f. What Windows Vista service packs and updates are installed?
 - g. How is Windows Update configured?
 - h. How much free hard drive space do you have?
 - i. What size is the hard drive?
 - j. What's showing in the notification area?
 - k. What applications are currently running?
 - l. What services or other programs are currently running?
 - m. What programs are launched at startup?

Step 2: Reduce Startup to Essentials

Run MSconfig and follow steps 1 thru 7 on pages 13 thru 15.

Step 3: Clean Up the Hard Drive

1. There are three Windows Vista maintenance tools that can be used to clean up hard drives, by deleting temporary files, defragmenting the drive, or scanning it for errors.
2. Run Disk Cleanup utility.
3. Run Windows Disk Defragmenter.
4. Run Chkdsk utility.
5. Free up additional hard drive space, a good rule of thumb is for at least 15% of the hard drive to be free.
 - a. Move some data to other drives or devices
 - b. Consider drive or folder compression
 - c. Add a second hard drive

- d. Repartition the drive
- e. Move Pagefile.sys
- f. Limit space used by Internet Explorer
- g. Remove unneeded or unwanted applications installed on drive C

Step 4: Remove Unwanted Software

Step 5: Scan the System for Viruses, Adware, and Spyware

Download Ad-Aware by Lavasoft and Spybot by PepiMK and run. Download WinPatrol and run

Step 6: Update Windows

1. Launch Windows Update to install updates.
2. Install Windows Vista Service Pack 1.

Step 7: Make One Last Check

Use System File Check (sfc.exe) to scan the installation for corrupted or missing system files.

Hard boot your machine. How long did it take to boot?