

Install the OVA File provided on BlackBoard & Setting up the Virtual Box VM:

- Open up Virtual Box
- Select Import Appliance
- Click on Open Appliance
- Select the windowsxp_lab.ovf file
- Click next and then import
- Start the VM within Virtual Box

After the Virtual Machine is running, observe that it has a number of spyware/malware related items loaded and running on it.

- Be sure to open all of your internet browsers (notice the tool bars?)
- You might notice the machine runs slow even for having 4GB of RAM

Within the Tools folder is a list of programs to clean the machine. Run/install the programs in the following order. It is critical you run them in the order below. **Please be sure to take screen shots of each step** (Reason is, you will be completing this at home). After you install and run each program, does it do anything? Nothing? The program do anything strange or weird? **Take notes as you will have to write a report for me**. Additionally, each step should produce a log file. **The log files will need to be turned in**. **Please attach those as files in BlackBoard**. NOT in your document!

- Combo Fix (take all the defaults)
- Super Anti Spyware (run the default clean)
- Malware Bytes (defaults)
- Rootkit Buster
- Hijack This (cleaning out the browsers)
- Ccleaner (for cleaning out the orphaned registry entries)

Expected deliverables:

Upon, running each program as directed please type up a final report document, to be submitted as a document (MS Word .DOC or .DOCX, Open Office .ODT, Libre Office .ODT, Adobe .PDF). The document should include:

- A screen shot of the beginning and end of each tool you install. (2 slides)
 - Any other screenshots you consider important
 - A screen shot of the task manager process window **before** and **after** cleaning.
 - All log files as produced by the utility or in txt files.
 - In your summary,
 - describe what you observed, what you did, anything strange you encountered and how you dealt with it.
 - How do you know the machine is clean?
 - Anything else you want to share with me.
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