# Anti-Malware

Time Required: 60 minutes

**How to Create Screenshots:** Please use the Windows Snip and Sketch Tool or the Snipping Tool. Paste a screenshot of just the program you are working on. If you are snipping a virtual machine, make sure your focus is outside the virtual machine before you snip.

1. Press and hold down the **Windows key** & **Shift**, then type **S.** This brings up the on-screen snipping tool.
2. Click and Drag your mouse around whatever you want to snip.
3. Release the mouse button. This places the snip into the Windows Clipboard.
4. Go into Word or wherever you want to paste the snip. Hold down **CTRL**, then type **V** to paste the snip.

## Lab Description

In this lab, you install, update and scan with some free anti-malware products. These programs would be used in addition to a normal anti-virus program on a pc. Primarily these tools would be used to clean up an infested pc. You can uninstall any of these programs after you have completed the lab. If you don’t feel comfortable doing these labs on your regular computer, you may do them on a virtual machine.

# CCleaner

**NOTE:** Cleaner will not install on a VirtualBox Windows VM. Go ahead and use this on your regular computer. It will not cause harm.

CCleaner is not an anti-malware tool. It is a free tool for cleaning your Windows PC. It is a system optimization, privacy, and cleaning tool. This is used to clean out all the temporary files and gunk, which helps speed up scanning for malware.

1. Go to [www.ccleaner.com](http://www.ccleaner.com) 🡪 Look for CCleaner 🡪 Download the **Free Download**
2. Install **CCleaner**. You may want to choose **Customize** and turn off some of the shortcuts and such.
3. Run **CCleaner**. Click **Custom Clean**, Click **Run Cleaner**.
4. **Insert a screen shot of your completed Cleaning Complete screen:**

Click or tap here to enter text.

# Microsoft Safety Scanner

In this project, you download and run the Microsoft Safety Scanner to determine if there is any malware on the computer.

1. Open your web browser and enter the URL  
   <https://www.microsoft.com/en-us/wdsi/products/scanner> (if you are no longer able to access the site through the URL, use a search engine to search for “Microsoft Safety Scanner”).
2. Click Download Now.
3. Select 64-bit, depending upon which system type of Windows you are running.
4. When the program finishes downloading, right-click Start and click File Explorer.
5. Go to your Downloads folder.
6. Double-click the **msert.exe** file.
7. If the User Account Control dialog box appears, click Yes. Click Run.
8. Click the check box to accept the license terms for this software. Click Next.
9. Click Next.
10. Select Quick scan if necessary. Click Next.
11. Depending on your computer this scan may take several minutes.
12. **Insert a screenshot of the scan process:**

Click or tap here to enter text.

1. Analyze the results of the scan to determine if there is any malicious software found in your computer.
2. Click View detailed results of the scan.
3. After reviewing the results, click OK. If you do not find any problems, click Finish.
4. If any malicious software was found on your computer run the scan again and select Full scan. After the scan is complete, click Finish to close the dialog box.

# AdwCleaner

This is a free, low resource, quick malware scanner.

**NOTE:** This program is safe. However, some anti-virus programs report it as being infected. That is called a false positive.

1. Disable your anti-virus software.
2. Go to <https://www.malwarebytes.com/adwcleaner/> and download AdwCleaner.
3. This program doesn’t need to be installed. Double Click it to run it.
4. Agree with the license agreement. It will take a few seconds to update itself.
5. Click Scan.
6. **Replace the following screen shot with one of the results of your scan.**

Click or tap here to enter text.

1. Clean out any malware that you found.

# MalwareBytes Anti-Malware

MalwareBytes is a free program designed to detect and remove malware.

1. Go to [www.malwarebytes.com](http://www.malwarebytes.com), and Click **Free Download**. Download and install the program. Accept the default choices.
2. Click **Finish** and allow the update of the program.
3. Click **Update** to make sure the program is up to date.
4. Click the Scanner tab and Click **Perform full scan**. Click **Scan.** Allow the default selection of your local drives. Click **Scan** again. A full scan of your computer could take a while, please be patient.
5. **Insert a screen shot of your completed Results screen.**

Click or tap here to enter text.

1. **Did you discover any Malware on your computer? Were you surprised by that?**

Click or tap here to enter text.

# Reset Network

Sometimes spyware/adware/malware will stop your computer from being able to access the network. Run the following commands to reset your network settings.

Start an **Administrative** command prompt. Type each command and press enter.  
**netsh interface ipv4 reset**  
**netsh interface ipv6 reset**

1. Insert **a screenshot of the results of the two commands:**

Click or tap here to enter text.

1. Restart the computer.

## Assignment Submission

Attach this completed document to the assignment in Blackboard.