



LAB 7

1. Analyse files and URLs for viruses using Virus Total

VirusTotal is a free service that analyzes suspicious files and URLs and facilitates the quick detection of viruses, worms, trojans, and all kinds of malware.

Instruction

1. Go to <https://www.virustotal.com/en/>
2. Scan any files and URLs
3. Explore your findings

As an output, produce a simple report that contain

1. Definition of antivirus
2. Important features to look for in an antivirus software
3. How often do you need to run a virus scan? Why?

2. Setting windows local security policy

The Local Group Policy Editor is a Microsoft Management Console (MMC) snap-in that gives a single user interface through which all the Computer Configuration and User Configuration settings of Local Group Policy objects can be managed. The Local Security Policy settings are among the security settings contained in the Local Group Policy Editor

Instruction

1. Click Start → Type local security policy into the Search box and then click Local Security Policy.
2. Click Account Policies → Password Policies → Account Lockout Policy

3. Click Local Policies → Audit Policy → User Rights Assignment → Security Options

As an output, produce a simple report that contain

1. Explanation of Password Policy, Account Lockout Policy, Audit Policy and User Right Assignment

3. Viewing windows firewall settings

Firewall is software or hardware that checks information coming from the Internet or a network, and then either blocks it or allows it to pass through to your computer, depending on your firewall settings. It can help prevent hackers or malicious software from gaining access to your computer through the internet or a network.

Instruction

1. In your computer, click Start → Control Panel → System and Security → Windows Firewall → Change notification setting
2. Explore windows firewall

As an output, produce a simple report that contain:

1. The importance of configuring firewall settings.
2. In windows firewall settings, you can either block all incoming connections or be notified when the Windows Firewall blocks a program at the firewall. What would be the difference? Which setting is more secure?
3. In windows firewall advanced settings, there is inbound and outbound firewall rules. Explain these two rules.