

In about 300 words, how can you protect a computer from hackers? **This assignment is worth 25 points.**

Hackers are a danger to a business or a persons information ,data and can cause a lot of financial and worry when a system is compromised. This article discusses a briefly how to protect yourself from hackers

Install antivirus software:

Antivirus software contains a database of viruses that it uses to check if files are infected if the machine has a virus infection. If a file is infected, the antivirus software will quarantine the file and give you an option to delete the file.

You need to ensure that the database is updated regularly as new viruses are created everyday and your protection depends on the latest database.

Update all software with security patches

Major operating systems and software have service packs or patches that fix security flaws. This is sometimes and automatic update but may require to check the website for any new updates and install them.

Beware of unfamiliar software and do not install unnecessary software

Try to use software from a reputable company rather than an unknown company. Try to keep your machine clean with relevant software that you require rather than install all free and advertised software. This will help in keeping your machine more efficiently and with less interruptions

Delete Unknown Emails (specially with autorun attachments)

Some emails contain links and software that will hijack your browser and install malicious software. Try to check who the sender is and if the email is unreliable, delete it from your inbox

Avoid Certain Advertisements

When on the internet, you are inundated with advertisements. Try to exercise caution and discretion by clicking on which adverts you visit

Schedule Regular Virus Scans

Schedule an automatic scan that will routinely scan your machine and take appropriate action.

Secure your Wireless network

With your own wireless network, ensure that you have the maximum allowed type of encryption and passwords. When using a open or a hotspot, be careful with your passwords or banking details

Install a Firewall

A firewall will protect your machine from external threats by stopping traffic or viruses from coming inside your network. It does this by ensuring that the traffic from the internet is deemed unsecure compared to your internal network. This can also stop things like a remote machine taking over your machine and installing malicious software