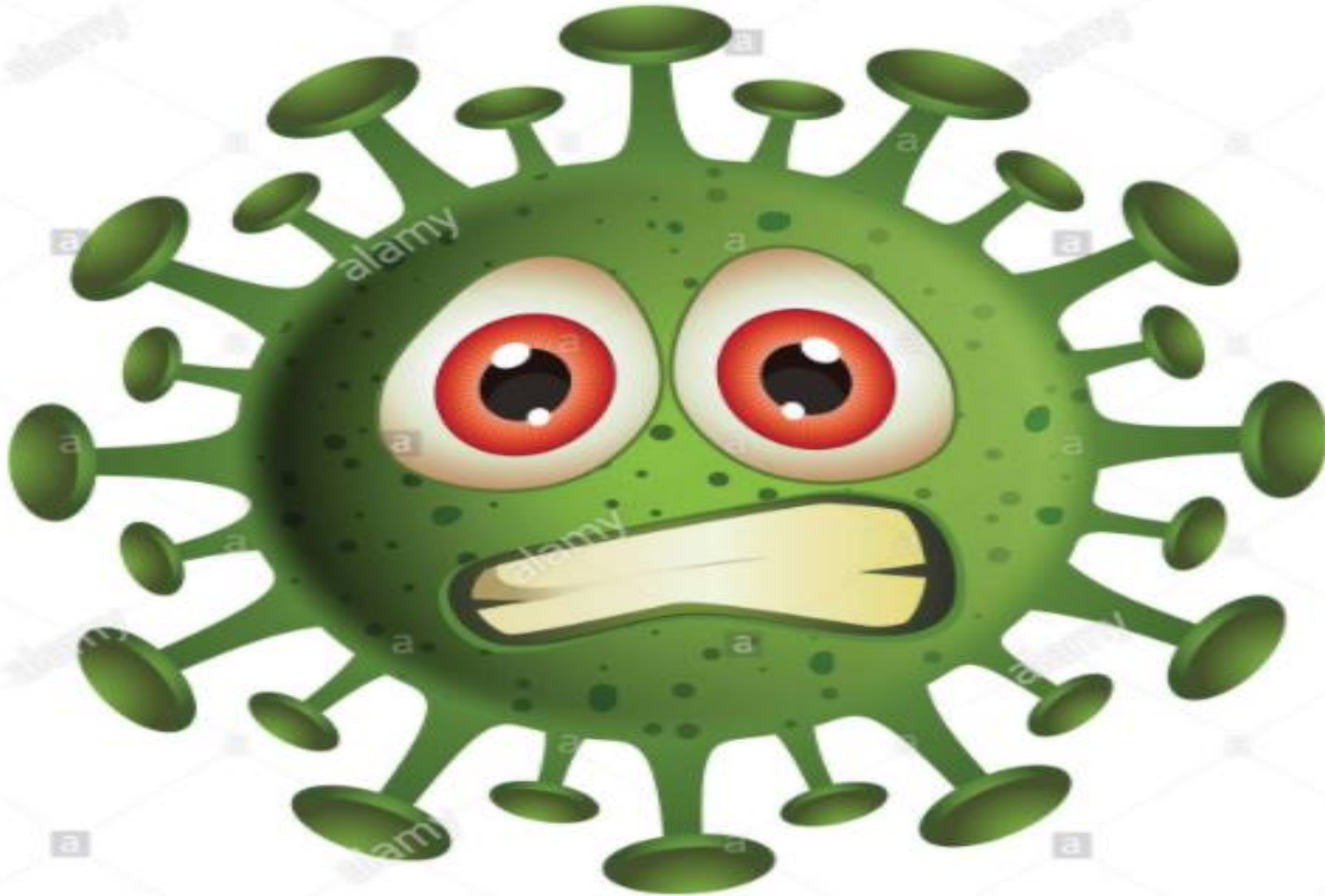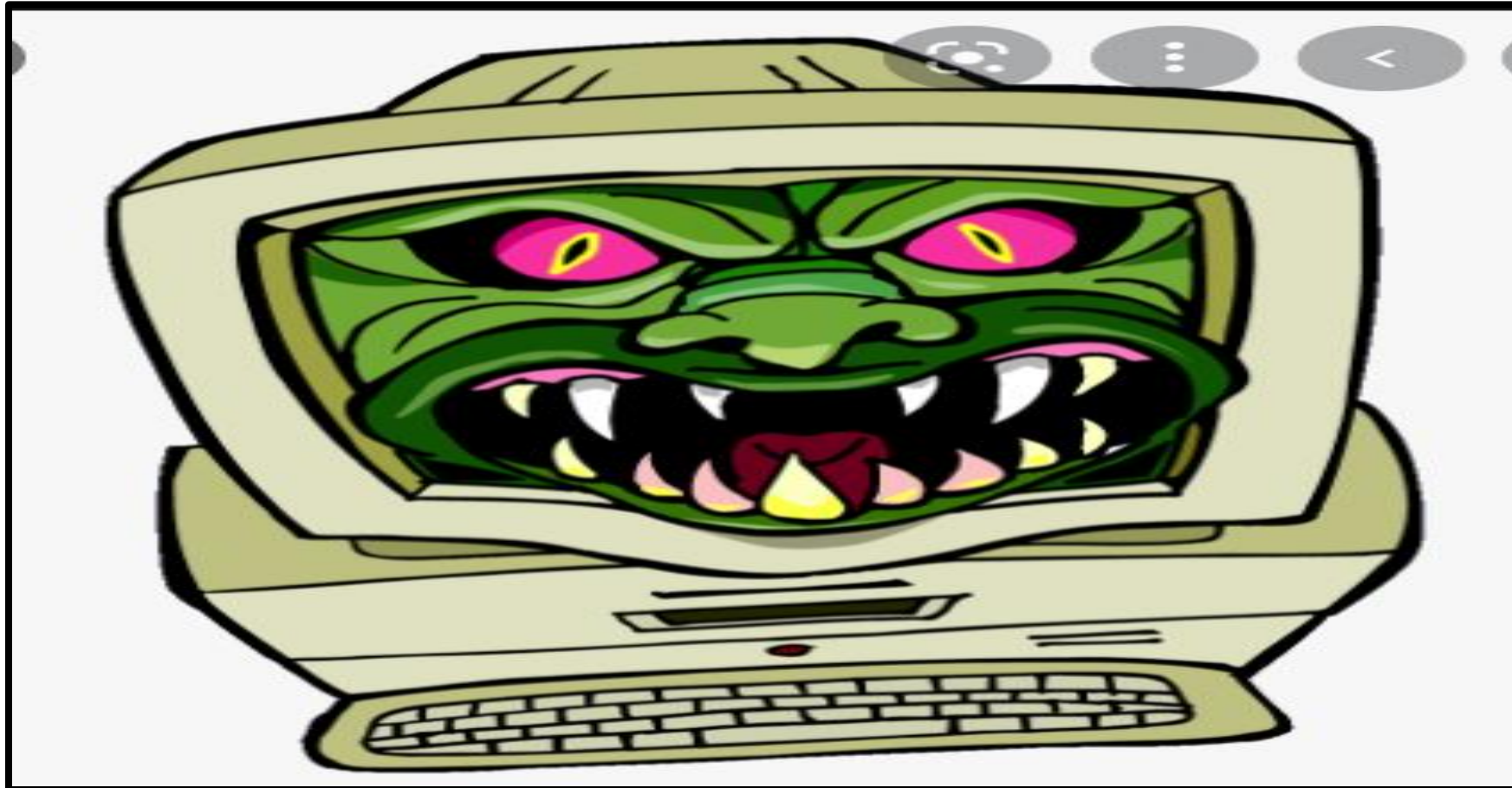# Virus protection for Windows computers

Do we need it?

This is a Cronid-19 Virus. It wont hurt your computer --just you

This is a computer virus – It can stuff your life

Windows XP computers

- Retail sales began on October 25, 2001.
- As of August 2021, 0.6% of Windows PCs run Windows XP
- Windows XP Professional, received Windows security updates until April 2019
- Replaced by Windows Vista in January 2007

Protection for Windows XP computers

- **AVG** Their Antivirus software offers full protection against malware in Windows XP.

- The **bad news** is that you will not have access to new features that come with the latest versions of their software.

- The **good news** is that the <u>virus definitions</u> will always be up to date, so no chances of infection from new viruses.

- AVG ensures real-time protection of your computer by performing continuous background scans.

Windows 10 (and W11) computers and Windows Defender

- While Windows Defender has made some big improvements over the years, **it's still not good enough to keep you fully protected.**

- **Why?**

- Because it doesn't do a `full scan' unless you configure the frequency and level of protection. Configuration can be complex. Microsoft has no accountability — **you can't complain to Microsoft if your PC gets hacked.**

Scan options

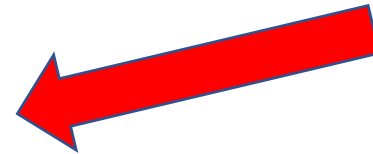Run a quick, full, custom, or Microsoft Defender Offline scan.

No current threats.

Last scan: 21/10/2021 3:54 PM (full scan)

0 threats found.

Scan lasted 1 hours 2 minutes

2539250 files scanned.

How to set the Windows Defender definitions update frequency

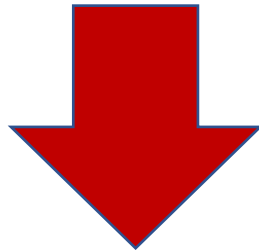You can set the frequency Windows Defender updates its definitions, natively in Windows Defender.

To do that you need to use PowerShell (as Administrator).

A. To set which day of the week Windows Defender updates its definitions , run the command: *Set-MpPreference -SignatureScheduleDay <Day>*
Where <day>:
Specifies the day of the week on which to check for definitions updates. Alternatively, specify everyday for a scheduled scan or never. The acceptable values for this parameter are:
0: Everyday
1: Sunday
2: Monday
3: Tuesday
4: Wednesday
5: Thursday
6: Friday
7: Saturday
8: Never
The default value is 8, never. If you specify a value of 8 or do not specify a value, Windows Defender checks for definition updates by using a default frequency.

First 4 recommendations from PCMagazine 2021

Avast

●●●●◐ EDITORS' CHOICE

Avast One Essential

SEE IT

Avast One Essential offers impressive free protection for your Windows boxes and somewhat reduced protection on macOS, Android, and iOS. It's an antivirus Editors' Choice winner.

kaspersky

●●●●◐ EDITORS' CHOICE

Kaspersky Security Cloud Free

SEE IT

Kaspersky Security Cloud Free offers full-scale malware protection along with some suite-level features. It gets superb scores from the independent labs, and it won't cost you a penny.

AVG.

●●●●○

AVG AntiVirus Free

SEE IT

AVG AntiVirus Free offers precisely the same excellent antivirus protection engine as Avast Free Antivirus, with useful bonus features.

Bitdefender®

●●●●○

Bitdefender Antivirus Free Edition

Bitdefender Antivirus Free Edition includes the same core antivirus technology found in the commercial Bitdefender Antivirus, focusing on the essential task of antivirus protection with minimal

My recommendations for Windows 7/10/11

- I would personally recommend using <u>Malwarebytes</u> and another established security program. I use McAfee Professional and Windows Security (Defender) that comes with windows
- Try the free download and see if you like it, then decide if you want to buy the premium version.
- If you are using Windows make sure your updates are current

A recent typical email to be wary of

From: Please update your payment method. <calendar@ingenioonline.com> ☆

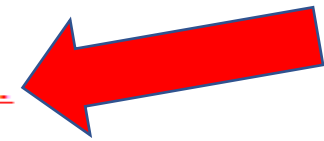Subject: **Netflix.**   12:32 pm

To: Me ⭐

NETFLIX

New Update Billing

Dear Member,

We recently failed to validate your information, we hold on record for your account, we need to ask to complete a brief validation process in order to verify details .

Once that information has been updated, you can continue enjoying netflix, please visit Your Account.

Mozilla Firefox is my preferred Browser as it provides a degree of protection

Deceptive site ahead

Firefox blocked this page because it may trick you into doing something dangerous like installing software or revealing personal information like passwords or credit cards.

Advisory provided by [Google Safe Browsing](#).

Go back

See details

Viruses come under many terms

- An ordinary virus – can corrupt your computer, destroy files or worse

- **Malware**, short for *malicious software,* is a blanket term for viruses, worms, trojans and other harmful computer programs hackers use to wreak destruction and gain access to sensitive information

- **Phishing** attacks are **the practice of sending fraudulent communications that appear to come from a reputable source**. It is usually done through email. The goal is to steal sensitive data like credit card and login information, or to install malware on the victim's machine.

- **Ransomware** – locks your computer until you pay a "ransom" usually in Bitcoins

- **The worst virus's are the ones you miss –** *stay protected be alert*.

Windows Recommendations

- Check your windows updates regularly

- Use at least one additional good Virus Protection software

- Remember you get what you pay for

- Run your virus protection regularly or set for auto checking

- Be suspicious about emails that want you to update your account

- If you do get hacked by Ransomware – turn your computer off at the power point and seek professional help.

- Never leave your external backup drive permanently plugged in

- Backup, backup and backup. Good luck

AND FINALLY

- Virus protection is essentially a personal choice based on recommendations
- Good virus protection ranges in price, from free to under $100
- If you need to "clean up" your computer try something like CCleaner

Questions please