

Sun City Computer Club

Windows SIG

March 8, 2022

**Questions, Comments, Suggestions welcomed at
any time**

Even Now

- [Audio Recording of this session](#)
- Use the link above to access MP4 audio recording
- Audio Recording in Progress
- SIG attendees are required to be members of the chartered club sponsoring that SIG.
Sun City Community Association By-law
- Sig leader – anyone?
- Topic Suggestions – plea(se)
- Your suggestions future presentations
- In person meetings

- Ever want to be a presenter??

Presenter???

- 92 Vulnerabilities
- 3 Critical
- 3 Previously disclosed
- 1 Being exploited



Microsoft Patch Tuesday

Windows Update



Updates available

Last checked: Today, 12:01 PM

Download now

2022-03 Cumulative Update for Windows 11 for x64-based Systems (KB5011493)

Downloading - 0%

Windows Update



Updates available

Last checked: Today, 12:03 PM

2022-03 .NET Core 3.1.23 Security Update for x64 Client (KB5012418)

Status: Installing - 0%

2022-03 Cumulative Update for Windows 10 Version 21H2 for x64-based Systems (KB5011487)

Status: Downloading - 1%

Windows Update

- Windows 11
- Windows 11 21H2 22000.527
21H2 22000.556
- Windows 10 21H2 19044.1566
21H2 19044.1856
- Windows 11 Beta 21H2 22000.527
21H2 22000.556
- Windows 11 Dev 22H2 22567.200

Windows Versions

- Windows 11 Beta KB5011493
- Windows 11 Insider KB5012432
- Windows 10 KB5011487
- .NET Core 3.1.23 KB5012418

Windows KB Knowledge Base



Firefox and other Mozilla products Security Advisory March 7, 2022

Published • Mar 7

John Jenkinson 

 0  0  0



Chrome update 15-Feb-2022

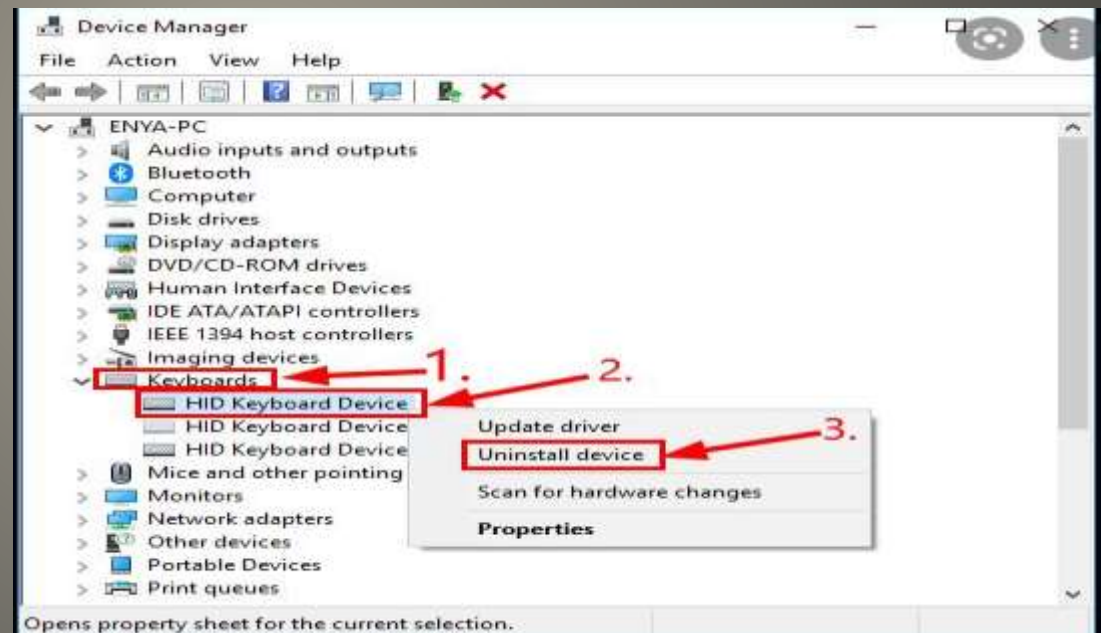
Published • Feb 15

John Jenkinson 

 0  7  7

Cyber Security News Archive



- SOME HP laptops
- Hotkey driver
- RAM exhaustion
- Start > Device Manager



HP Laptop Windows 11 Hotkey

Microsoft Store Search apps, games, movies and more

Screenshots





Amazon Appstore

Amazon.com Services LLC

Open

Offers in-app purchases

3.0  Average Ratings 4 

The Amazon Appstore Preview, now available for US customers, allows you to easily access a growing catalog of mobile apps and games on...

Entertainment

Step 2 of 2

Done

Open Amazon Appstore

Kindle for Android
Mobile app • Books...

The Wall Street Journal | World...
Mobile app • News...

Coin Master
Mobile game • Other

The Washington Post
Mobile app • News...

Ryan Academy Kids Free...
Mobile app • Education...

Audible audiobooks...
Mobile app • Books...

Final Fantasy XV: A New Engine
Mobile game • Other

TEEN
ESRB
Parental Controls: Standard Allowed in App Purchases

- <https://www.microsoft.com/en-us/p/microsoft-defender-preview/9p6pmztm93lr#activetab=pivot:overviewtab>

Windows Defender Preview

Hello, **Cora**

Security history >

Security tip

Stay safer by staying up-to-date

Keeping your device, and your apps, current with the latest updates is one of the most important things you can do to prevent malware.

[Tell me more](#)

[Dismiss](#)



This device

 **Protected**



[Device details](#)

Other devices

[View all \(4\)](#)



Cora's Android

 Protected



Family Desktop

 Protected



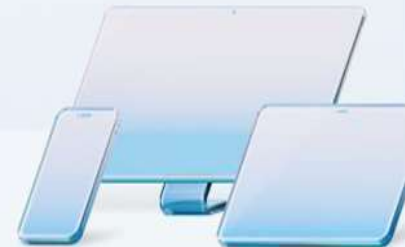
Cora's MacBook

 Protected

Protect all your devices

Get security alerts and status reports from anywhere when you install Microsoft Defender.

[Add devices](#)



< Back

This device Other devices



Protected

Last threat scan	Files scanned	Threats found
Yesterday	41969	0

Virus & threat protection settings Active

We're always keeping an eye out for files and applications that might be harmful.

Virus & threat protection updates No updates

We'll notify you about important updates to help fend off threats.

Ransomware Protection No action needed

We'll back up your files to OneDrive so scammers can't hold them for ransom.

Security history No threats

See alerts, notifications, and threat activity for this device. >

Security settings

You can change your settings in the Windows Security app.

Manage in Windows Security

DEVICE PROTECTION

Your Surface Pro 4 is protected

Microsoft Defender and Windows Security work together to help keep your device safe.



[Go to dashboard](#)

← ≡ Settings

System



LAPTOP

IdeaPad

Rename

• System requirements not met. [Learn more](#)



Windows Update

Last checked: 2 hours ago

Windows 11 Minimum requirements

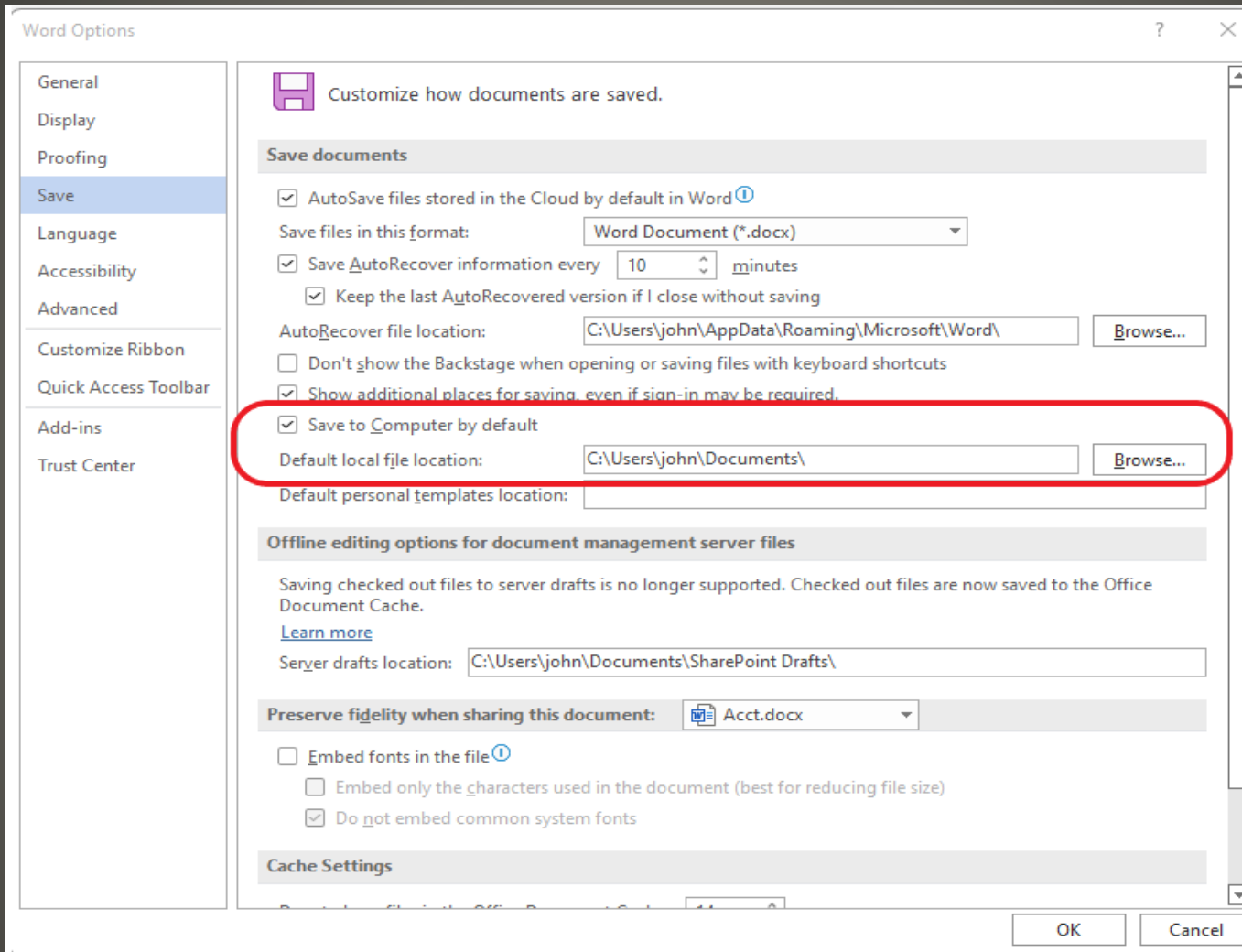
InControl

<https://www.grc.com/incontrol.htm>

Introducing "InControl"



- Never10 → Never11 → StayPut → UnderControl → TakeControl → InControl.
- 82kb of x86 assembly code.
- No setup or install.
- Manages six different Registry key values to get Windows Update under control.



OneDrive getting pushy?

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Last BIOS time: 10.2 seconds

Name	Publisher	Status	Startup impact
Cortana	Microsoft Corporation	Disabled	Not measured
Delayed launcher	Intel Corporation	Enabled	High
Intel® Graphics Command ...	INTEL CORP	Disabled	None
Microsoft Defender Preview	Microsoft Corporation	Enabled	Not measured
Microsoft OneDrive	Microsoft Corporation	Disabled	High
Microsoft Teams	Microsoft	Disabled	Not measured
Microsoft To Do	Microsoft Corporation	Disabled	None
Realtek HD Audio Universal ...	Realtek Semiconductor	Enabled	Low
Skype	Skype	Disabled	None
Windows Security notificati...	Microsoft Corporation	Enabled	Low
Windows Subsystem for An...	Microsoft Corp.	Disabled	None
Windows Terminal	Microsoft Corporation	Disabled	None

^ Fewer details

Enable

OneDrive getting pushy?

- AutoSave default
- OneDrive
- Office restart
- Re Check after Office updates

OneDrive getting pushy?

- Cyber Security SIG News Archive
- Feature updates
- Experience Packs
- Windows 10 not forgotten

Microsoft Windows Update

- Annual Updates

Windows 10 21H2

- Windows Intune disk wipe function
Leaves Windows.old folder
And turns off Bitlocker

Are you sure you want to wipe DESKTOP-ROPV95A

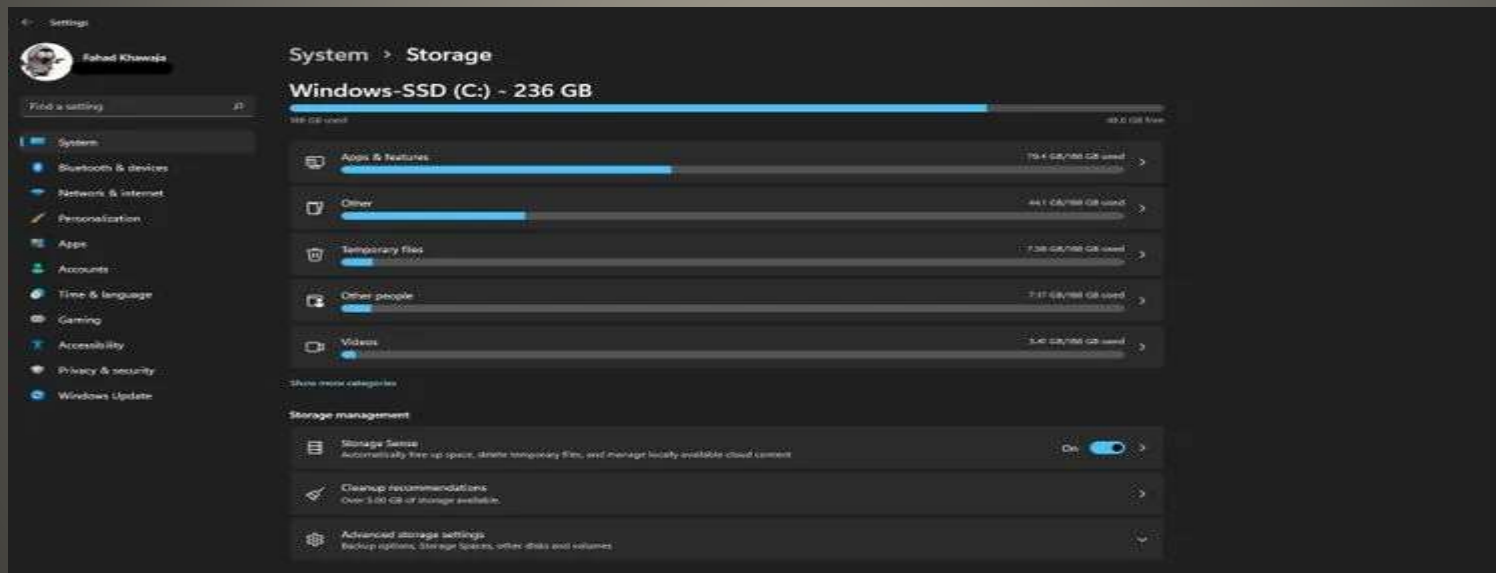
Factory reset returns the device to its default settings. This removes all per

Wipe device, but keep enrollment state and associated user account

Wipe device, and continue to wipe even if device loses power. If you select

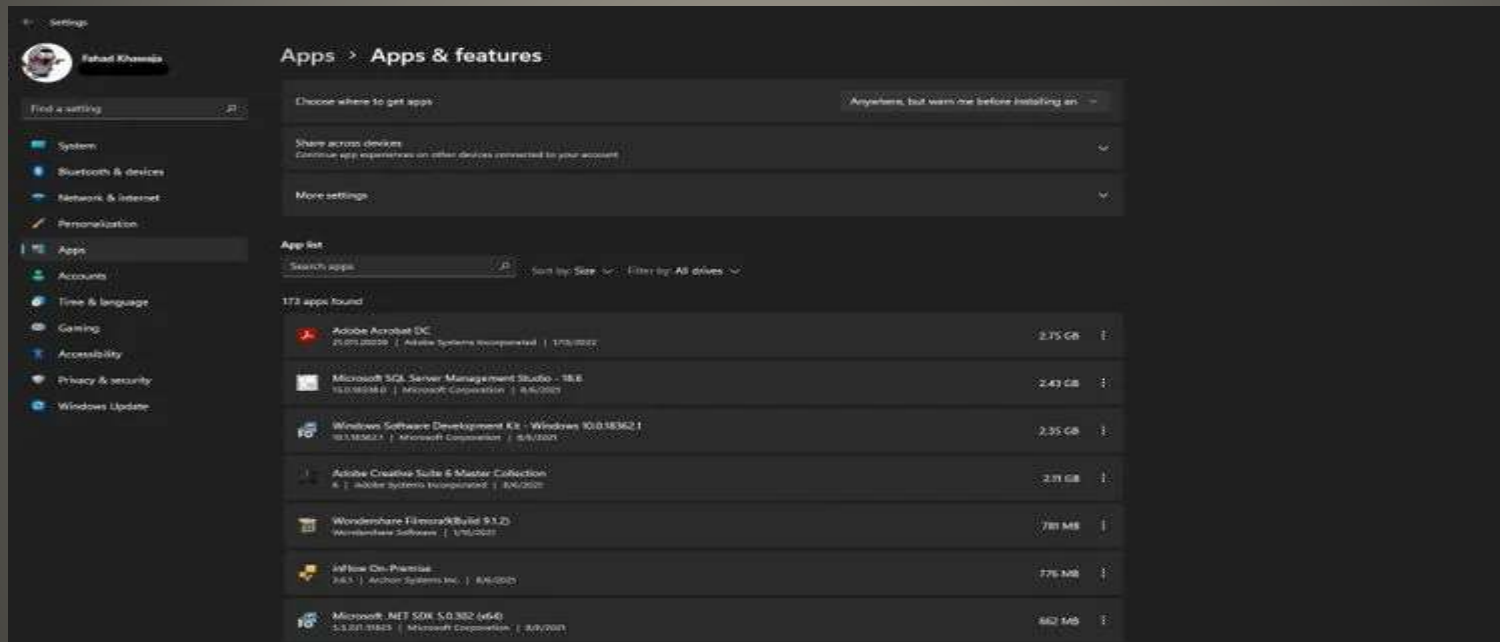
Current Issues

- Reset
- Free up storage space
Settings -> System -> Storage



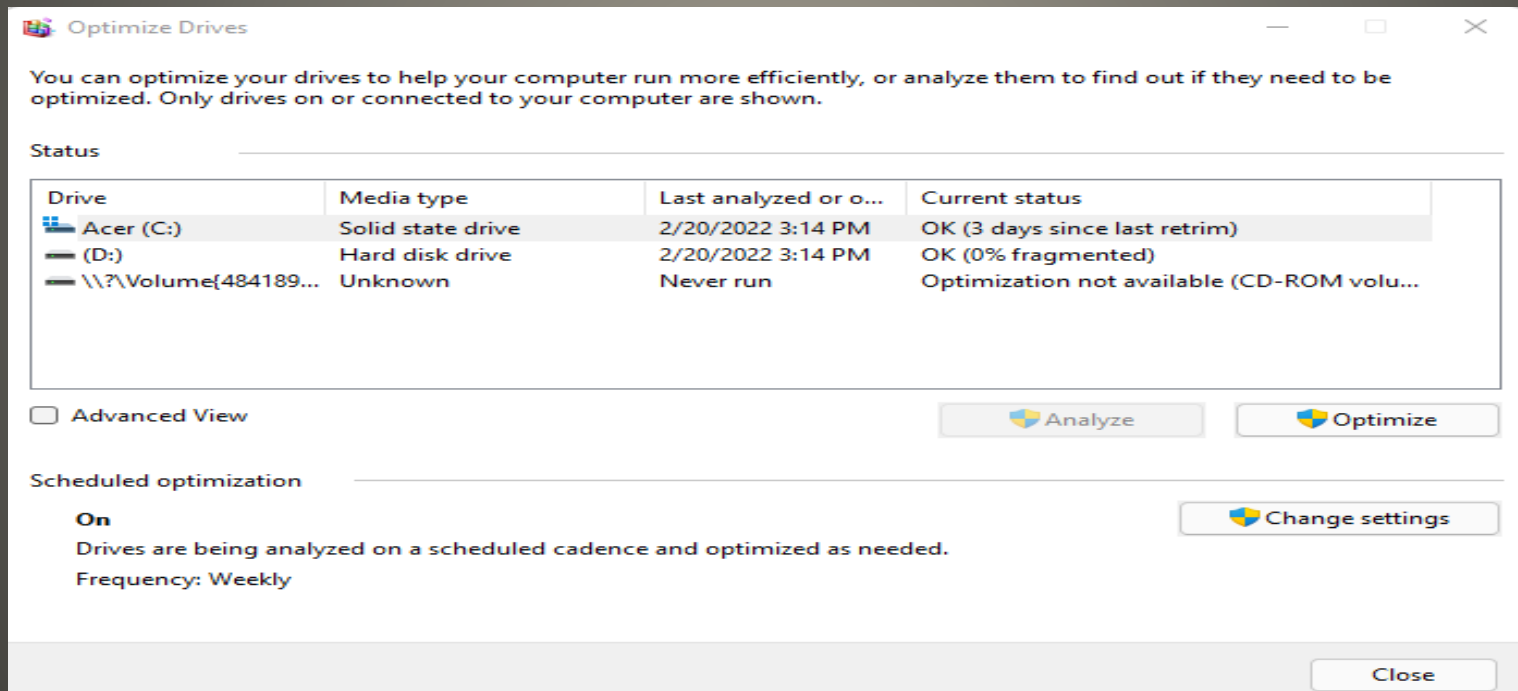
Windows Speed Up

- Remove Unwanted Programs
- Expired, Bloatware, 32-bit, unknown
Settings -> Apps -> Apps & Features



Windows Speed Up

- Defragment Hard Drive
- NOT SSD
- Defragment & Optimize Drives



Windows Speed Up

- Disable some Visual Effects

Accessibility > Visual effects



Always show scrollbars

Off



Transparency effects

Make some window backgrounds slightly transparent

Off

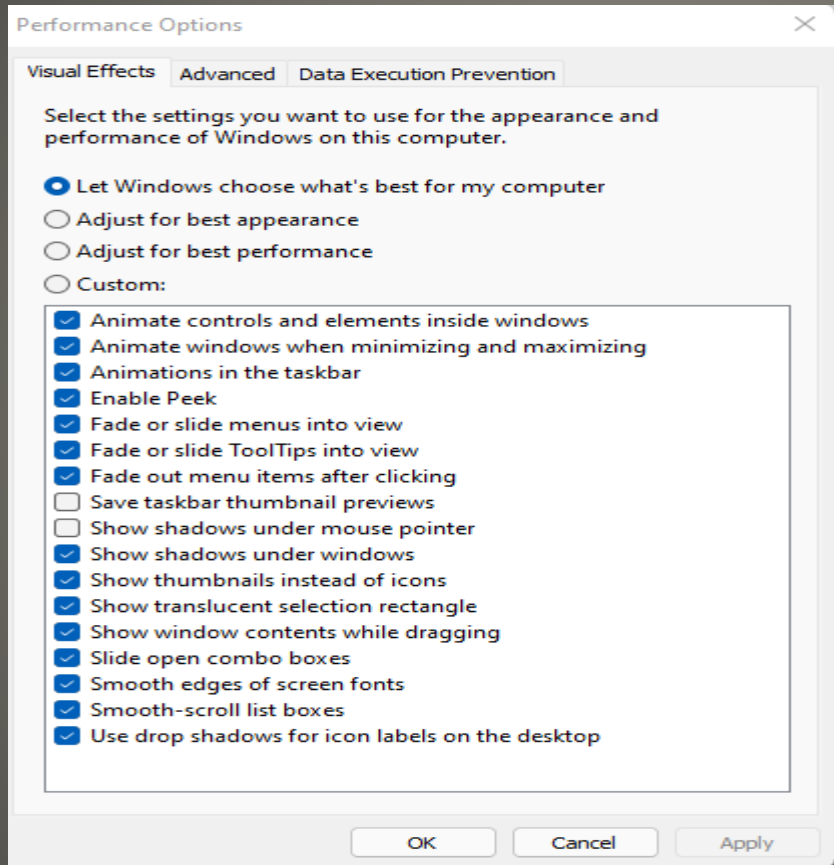


Animation effects

Off

Windows Speed Up

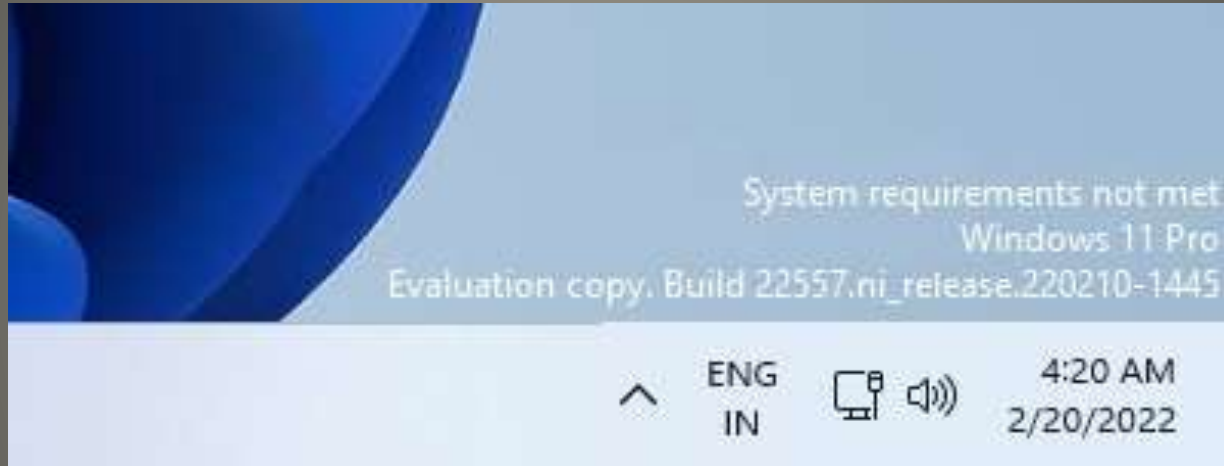
- Advanced System Settings



Windows Speed Up

- New Hardware
- SSD
- Add Memory

Windows Speed Up



Windows 11

- Bluetooth

Settings > Devices > Bluetooth & other devices

Bluetooth & devices > Devices



Bluetooth
Bluetooth is turned off

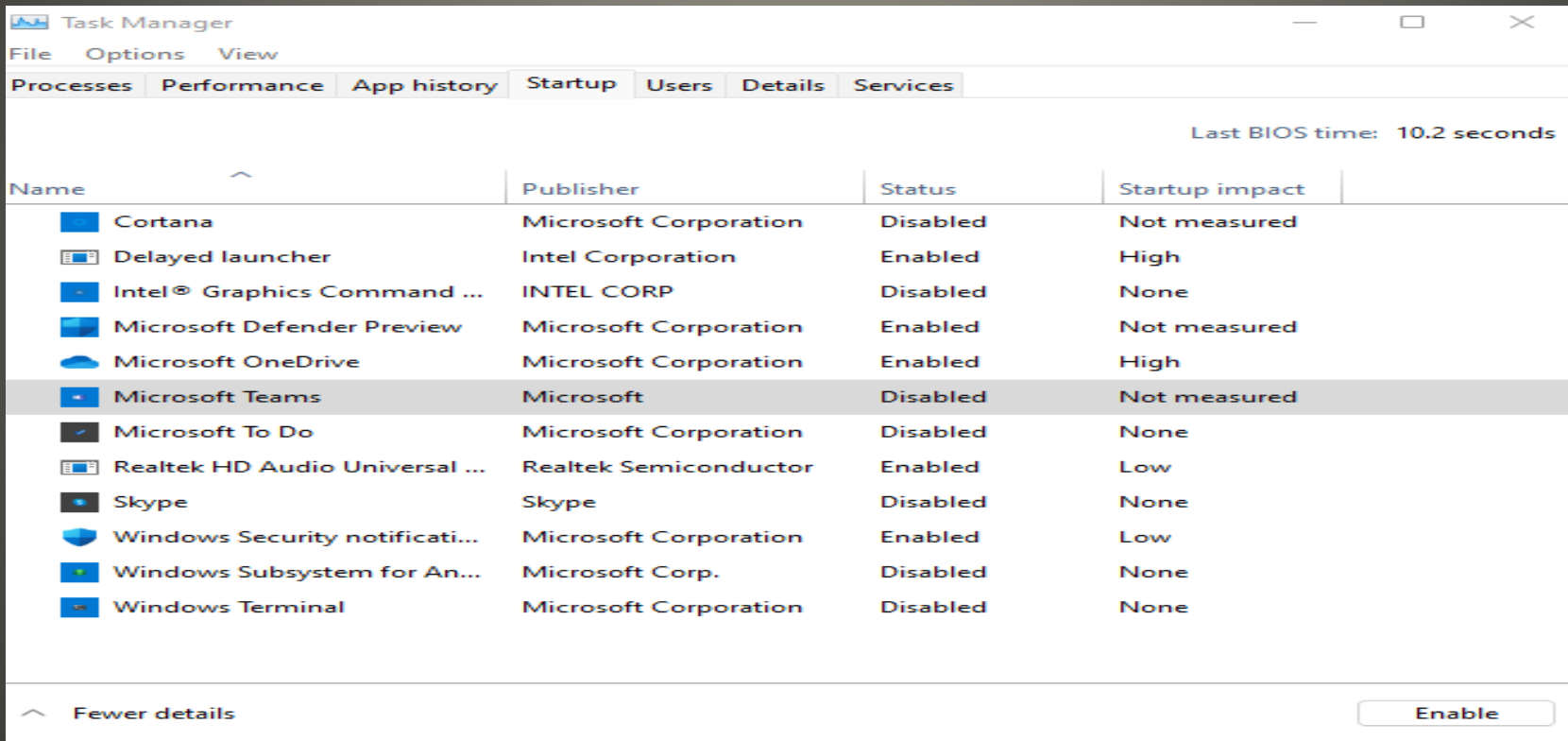
Off

Add device

Add device

Saving Space

- Disable Startup applications
- Task Manager Startup Tab



Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Last BIOS time: 10.2 seconds

Name	Publisher	Status	Startup impact
Cortana	Microsoft Corporation	Disabled	Not measured
Delayed launcher	Intel Corporation	Enabled	High
Intel® Graphics Command ...	INTEL CORP	Disabled	None
Microsoft Defender Preview	Microsoft Corporation	Enabled	Not measured
Microsoft OneDrive	Microsoft Corporation	Enabled	High
Microsoft Teams	Microsoft	Disabled	Not measured
Microsoft To Do	Microsoft Corporation	Disabled	None
Realtek HD Audio Universal ...	Realtek Semiconductor	Enabled	Low
Skype	Skype	Disabled	None
Windows Security notificati...	Microsoft Corporation	Enabled	Low
Windows Subsystem for An...	Microsoft Corp.	Disabled	None
Windows Terminal	Microsoft Corporation	Disabled	None

^ Fewer details

Enable

Saving Space

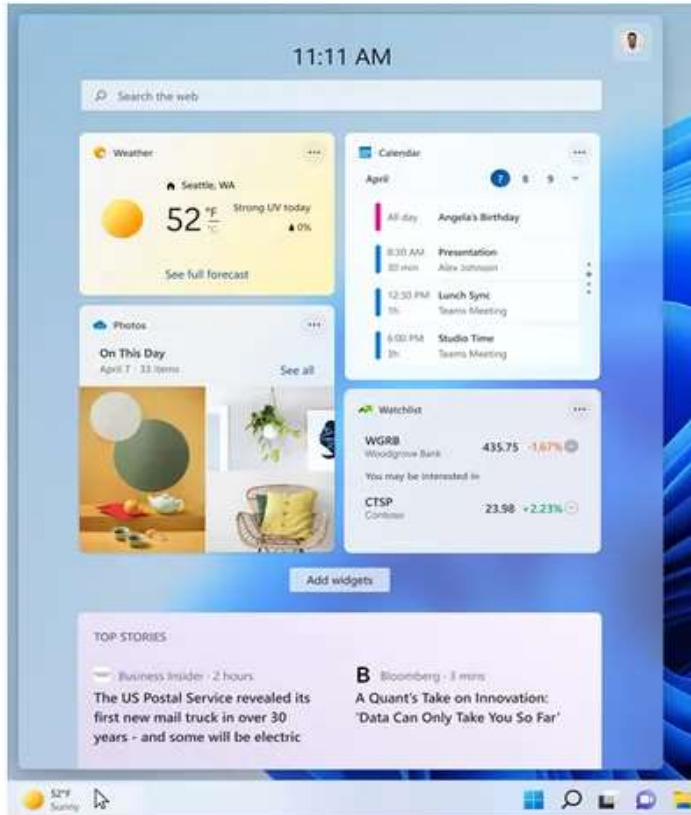


Collapsed state shows critical status icons only.



Expanded state allows for easier touch interactions.

Windows 11 Features?



What Insiders see before.



What Insiders will see with dynamic content.

Windows 11 Features?

- Formulas update
- Excel Formula Tutorial
- <https://templates.office.com/en-us/Formula-tutorial-TM16400656>
- Multi Line formula bar
- Argument Assistance

The screenshot shows an Excel spreadsheet with a formula bar containing the formula: `=C2*VLOOKUP(B2,F2:R4,MONTH(TODAY()),FALSE)`. The spreadsheet data is as follows:

	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Retail	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4			
Finance	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1			
Energy	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8			

The Function Arguments dialog box for the MONTH function is open, showing the following details:

- Function: MONTH
- Serial_number: TODAY (with a volatile icon) = Volatile
- Description: Returns the month, a number from 1 (January) to 12 (December). Serial_number is a number in the date-time code used by Microsoft Excel.
- Formula result: = Volatile
- Buttons: Help on this function, OK, Cancel

Excel update

- Widgets Off - workaround


Personalization > Taskbar

Taskbar items


Show or hide buttons that appear on the taskbar

 Search


On

 Task view

On

 Widgets

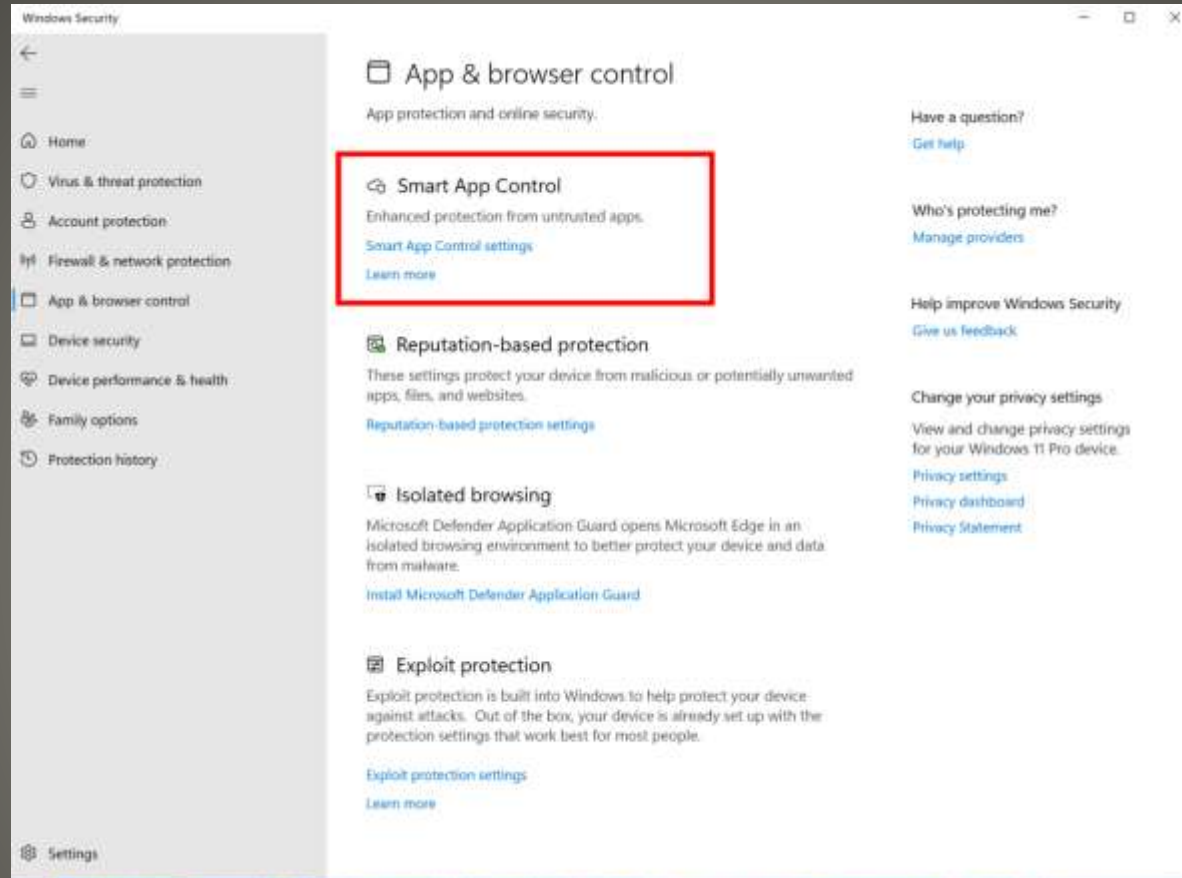
Off

 Chat

Off



Start Menu gone?

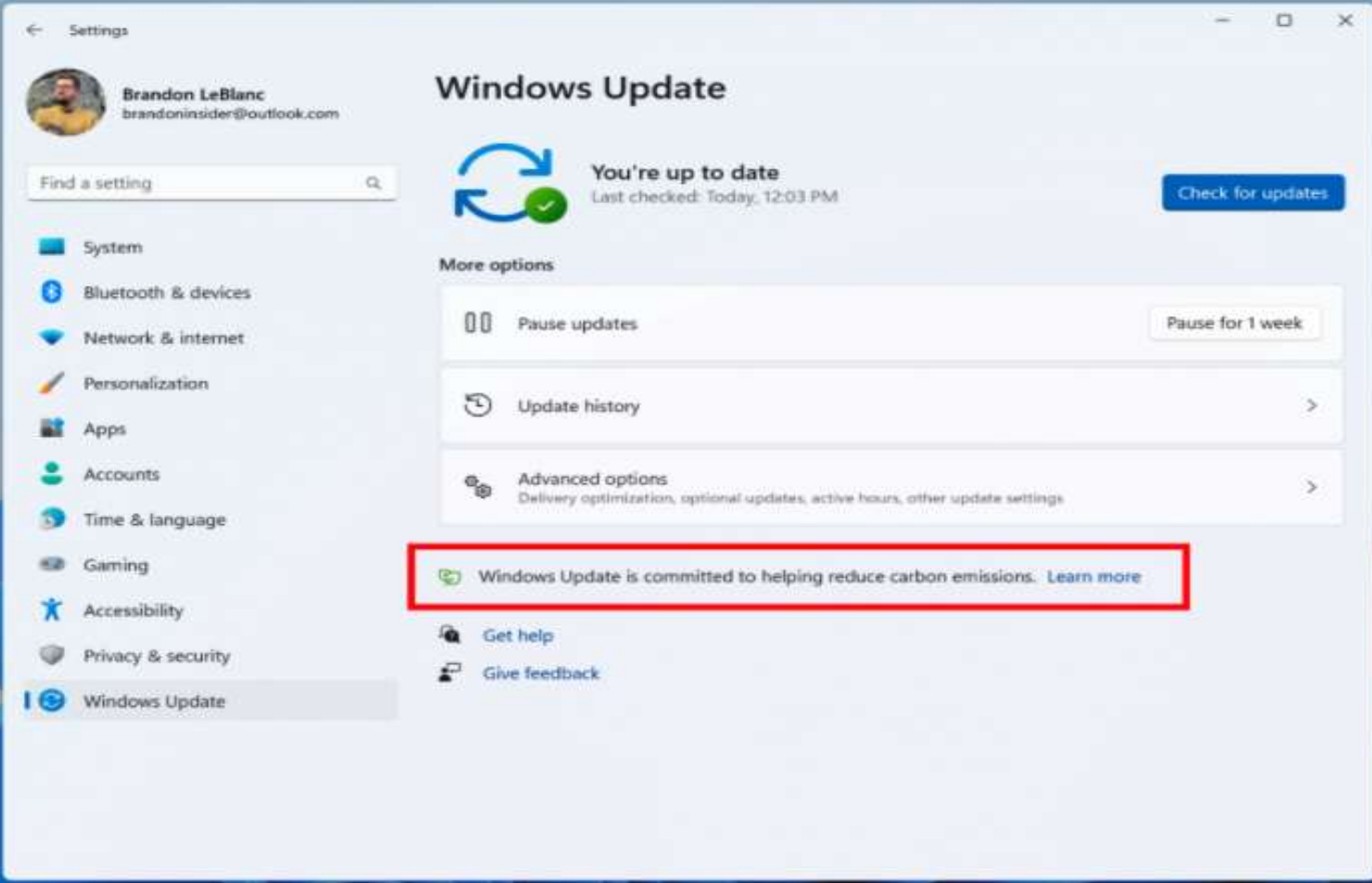


Smart App Control

- Microsoft unique technique to detect
- Notify Windows Defender
- Defender runs scan
- Block or flag as safe

- Evaluation Mode
- Good candidate?
- If so Auto enable
- One Time evaluation
- Clean install of Windows

Smart App Control



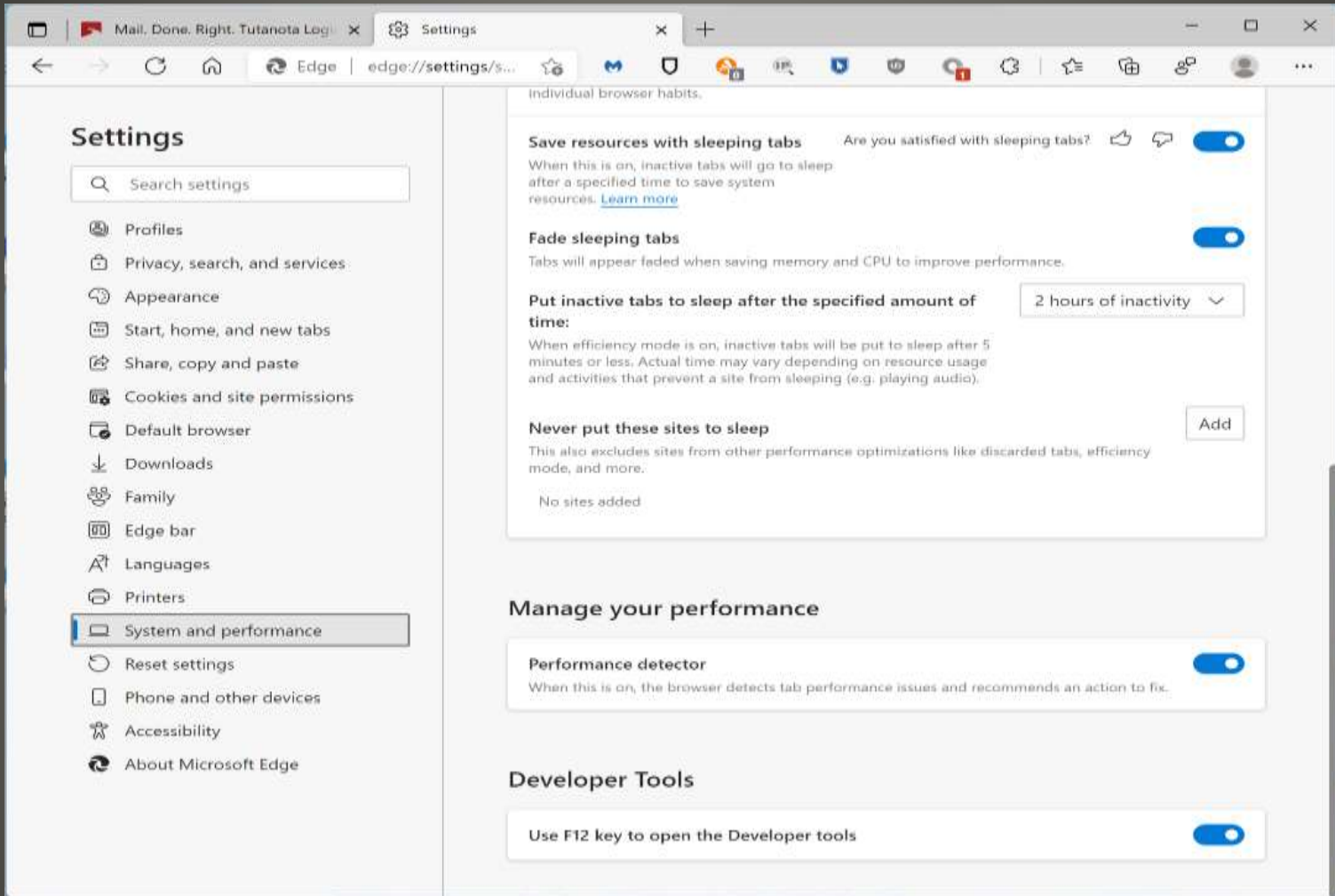
Windows Update eco friendly

- <https://www.computerworld.com/article/3650754/classic-essential-free-utilities-windows-10-windows-11.html>
- Ccleaner
delete browser history, cookies, logs, etc.
- DiskGenius
Disk partitioning, move volumes, etc.
- Everything
Find files
- IObit Unlocker and LockHunter
Use with caution
- Keyfinder
Find license keys
- Recuva
Recover deleted files
- Sandboxie
Another sandbox
- Seer
quick look preview - CAUTION
- Speccy
Hardware details
- WiFi password Revealer

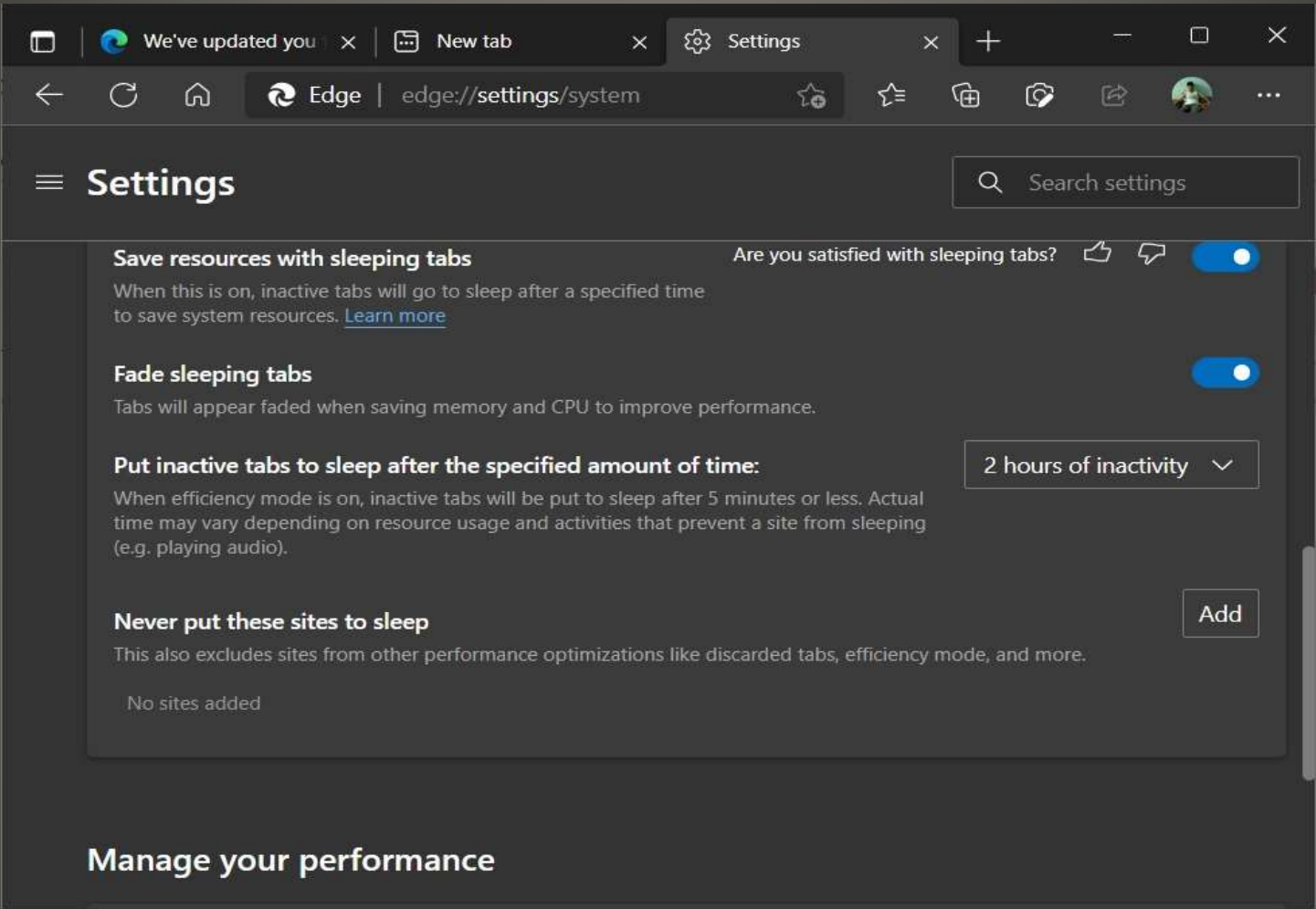
Free tools/utilities for Windows

- Old hardware
- Windows, Mac (Intel not PowerPC)
Fast boot, long battery life, productivity, backup, hassle free updates, Android apps
- Google Account

ChromeOS Flex



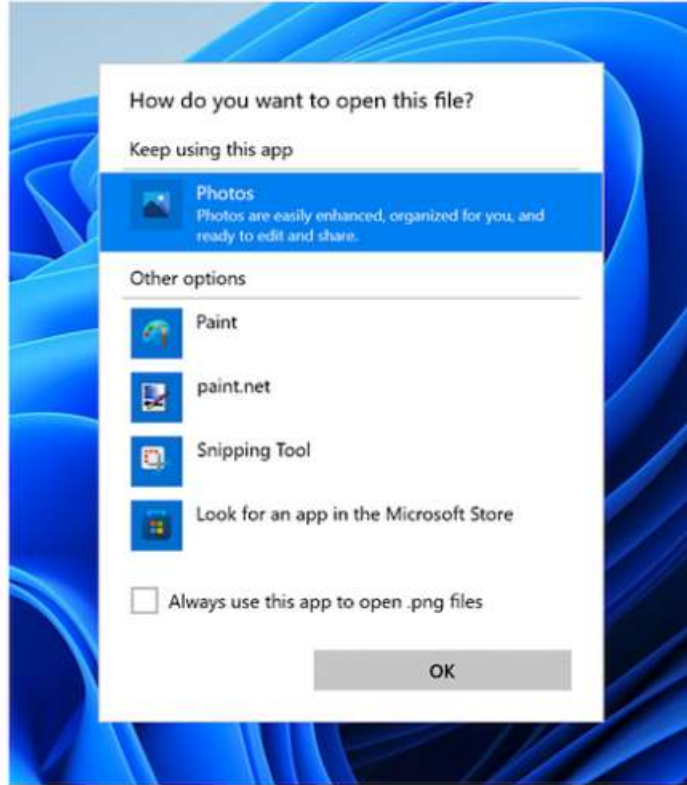
Edge Performance Detector



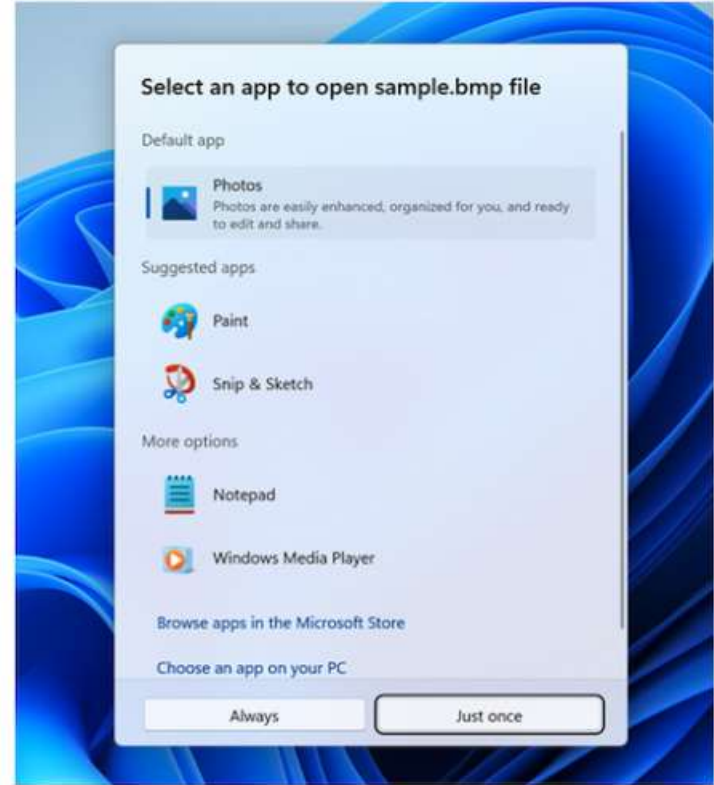
Edge efficiency mode

- 99.0.1150.36

Edge updates



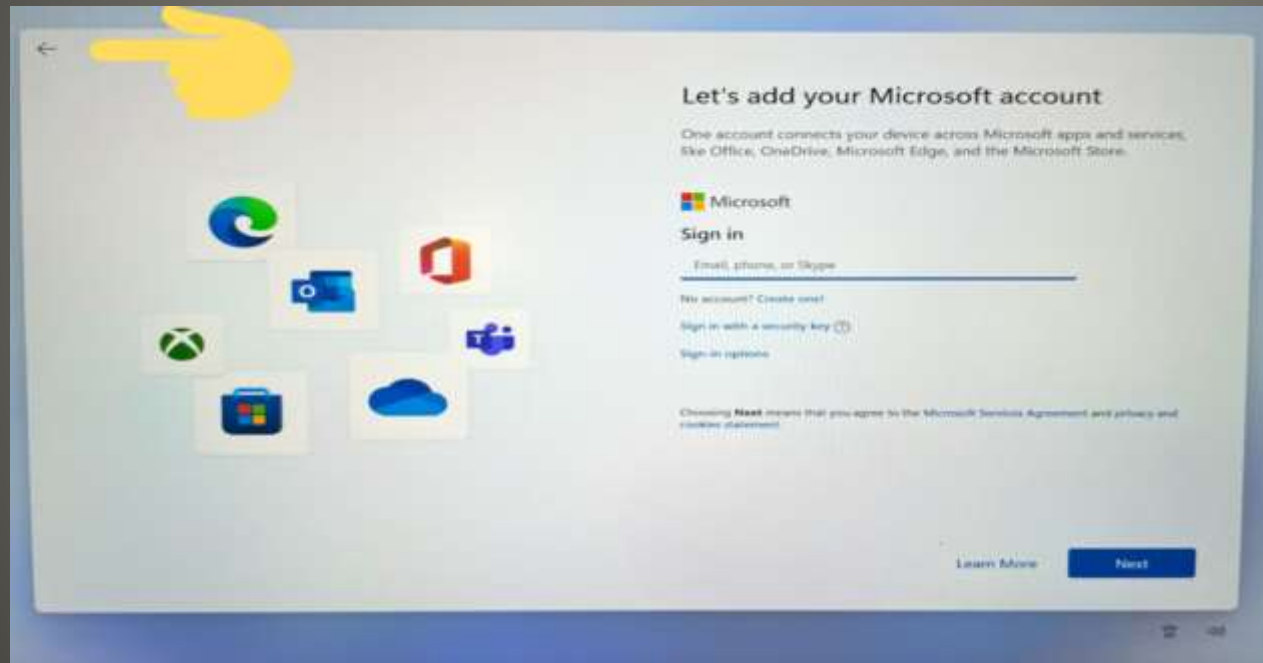
Before



After

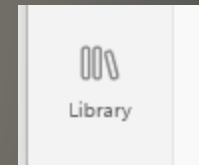
Open With

- SHIFT + F10 for CMD
- ipconfig /release
- QUICK click on back arrow

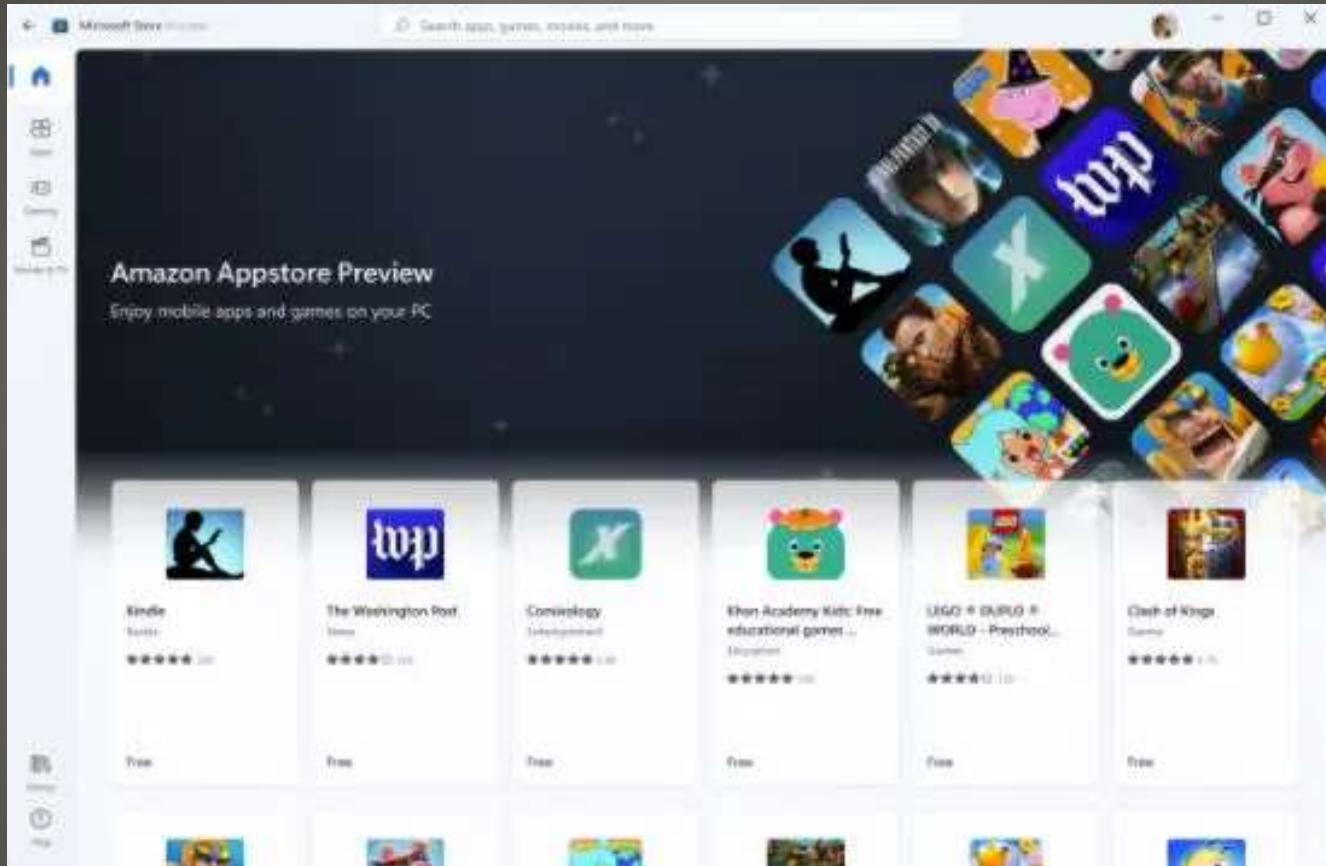


No to Microsoft Account

- Windows 11 Feb 15
- US Users
- Amazon account
- Windows 11 update(s)
 - Start > Windows Update > Check for Updates
- Microsoft Store update(s)
 - Microsoft Store > Library button



Android Apps Windows 11

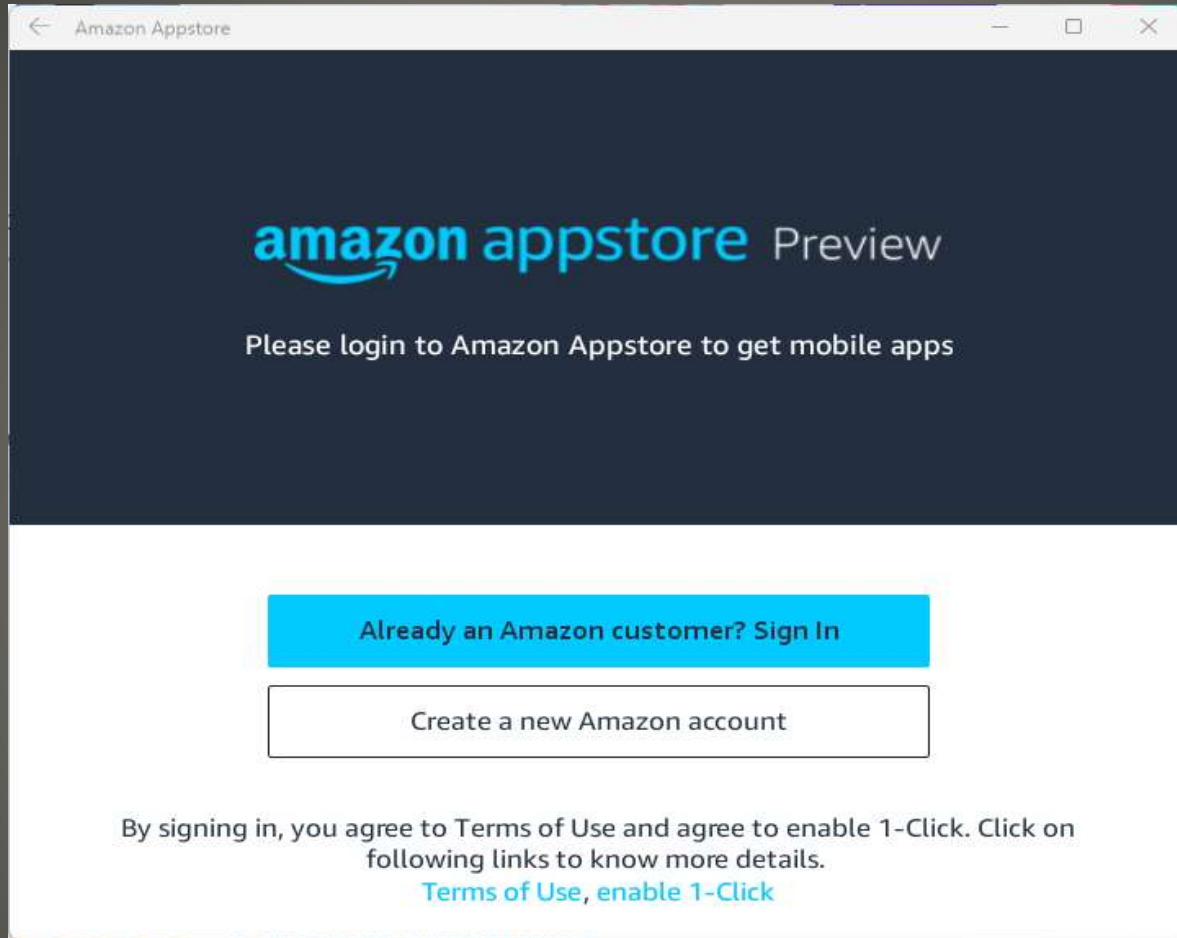


Add Amazon Appstore Preview

- Get Started or Install

The screenshot shows the Microsoft Store interface for the 'Amazon Appstore Preview' app. On the left, there is a navigation sidebar with icons for Home, Apps, Gaming, and Movies & TV. The main content area features the app's logo, a 'Preview' button, and the text 'Amazon Appstore' by Amazon.com Services LLC. Below this is an 'Open' button with a note '+ Offers in-app purchases'. The app has a 2.4 star average rating from 29 reviews. A description states: 'The Amazon Appstore Preview, now available for US customers, allows you to easily access a growing catalog of mobile apps and games on...'. To the right, there are two screenshots of the app's interface, one showing a grid of app icons and another showing a detailed view of an app. Below the screenshots is a 'Description' section and a 'Recommended Appstore Apps' section with a 'See all' link.

Open



Sign in Provide OTP

Hello, John

All Apps

Games

Amazon Coins

Settings

Contact Us

Terms of Use

Top Free Games [See all](#)



Final Fantasy XV: A N...
★★★★☆

Get



King of Avalon: Drago...
★★★★☆

Get



Best Fiends
★★★★☆

Get



Coin Master
★★★★☆

Get



My Talking Hank
★★★★☆

Get



Solitaire Grand Harve...
★★★★☆

Get



Solitaire
★★★★☆

Get

Recommended for You [See all](#)



Game of Kings: The Bl...
★★★★☆

Get



Big Fish Casino: Vega...
★★★★☆

Get



Clash of Kings
★★★★☆

Get



Mobile Strike
★★★★☆

Get



Vegas Slots - Double...
★★★★☆

Get



Golf Clash
★★★★☆

Get



Rise of Empires
★★★★☆

Get

Recommended for You Based on Your Book Interests [See all](#)



Open House
★★★★☆

Get



FreeCell
★★★★☆

Get



Classic Logic Problem...
★★★★☆

Get



Angry Birds Match
★★★★☆

Get



Just 2 Words Plus
★★★★☆

Get



Letter Smart - Word...
★★★★☆

Get



Mahjong II
★★★★☆

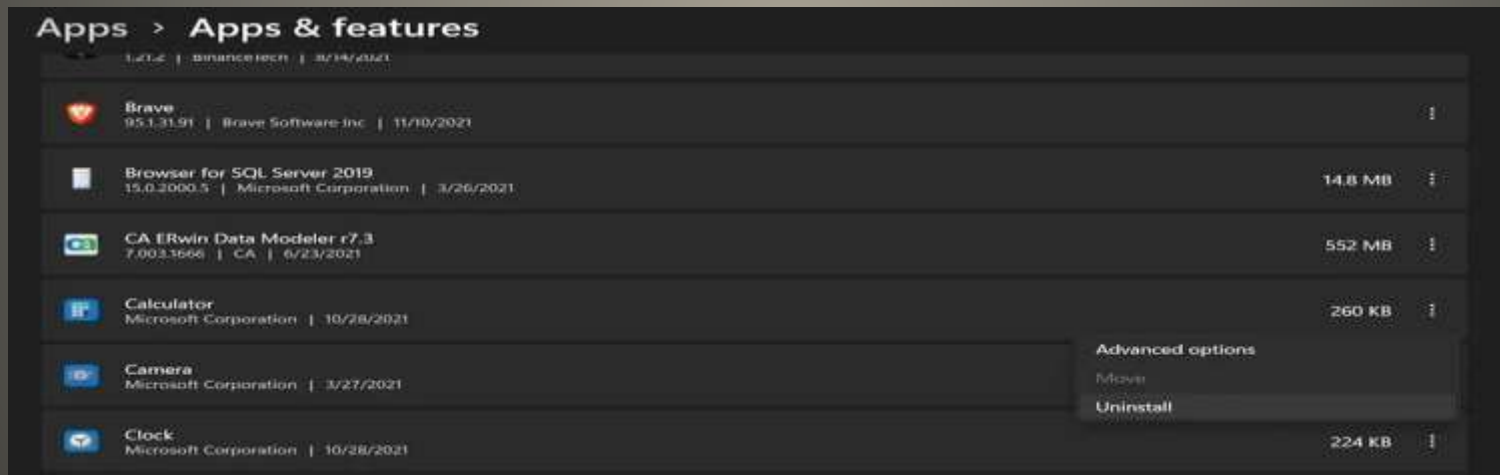
Get

- Android Subsystem for Windows
- Experience greatly depends on hardware
- And resources
- And Android app

- MyPhone

Android Apps on Windows 11

- Unwanted software included by manufacturer - taking unnecessary disk space, memory, and other resources.
- Methods:
Settings App



Bloatware Removal

Start Menu

Start -> All Apps

Right click on desired app(s)

Click Uninstall

CAUTION: Some Apps have dependencies
Some Apps can not be removed/uninstalled
Some apps remove data, license keys, etc.

Bloatware Removal

- Windows
- Linux
- macOS
- ChromeOS

Operating System Choices

- More apps support Windows
- Gaming
- Global
- WSL
- Less geeky
- Which Linux Distro?

Windows Advantages?

- Have their advantages
- And disadvantages

Other Operating System Options


```
CommandPrompt-Win8-Replacement.man x
7      >
8      <assemblyIdentity
9          language="neutral"
10         name="Microsoft-Windows-CommandPrompt"
11         processorArchitecture="*"
12         version="0.0.0.0"
13     />
14     <!-- Gather blocks required for collecting data from Windows 8, Windows Blue, and some
15     Windows 9 systems -->
16     <!-- Apply blocks required for applying to Windows 9 versions built BEFORE the correct
17     CommandPrompt.man reaches winmain -->
18     <!-- The body of this should match CommandPrompt.man to fix Win9 systems before the
19     changes reach winmain -->
20     <!-- 9845 is a guess of the build version when this will reach main. The correct
21     CommandPrompt.man will be used after that build -->
22     <migration
23         replacementVersionRange="6.2-6.4.9845"
24         scope="Upgrade,USMT"
25         settingsVersion="0"
```

Windows 9

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: scccwindows@gmail.com

