

Sun City Computer Club

Windows SIG

July 12, 2022

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

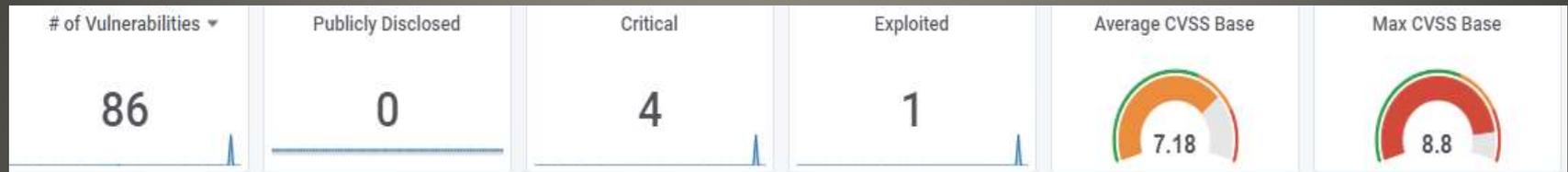
Even Now

- [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



Internet Explorer

- 86 vulnerabilities 4 Critical
0 previously disclosed 1 actively exploited



Microsoft Patch Tuesday

- Windows 10
21H2 Build 19044.1926
- Windows 11
21H2 Build 22000.795
- Windows 11 Beta channel
22H2 Build 22622.290
- Windows 11 Dev channel
22H2 Build 25151.1010
- Windows 365
21H2 Build 19844.1766

Don't forget VMs

Microsoft Patch Tuesday

- Edge 103.0.1.1264.49
- Chrome 103.0.5060.114
- Opera 89.0,4447.38
- Firefox 102.0.1
- Vivaldi 5.3.2679.68
- Brave 1.41.96

- To Do lists, Solitaire, Maps, Photos, Phone Link, Voice Recorder, Xbox

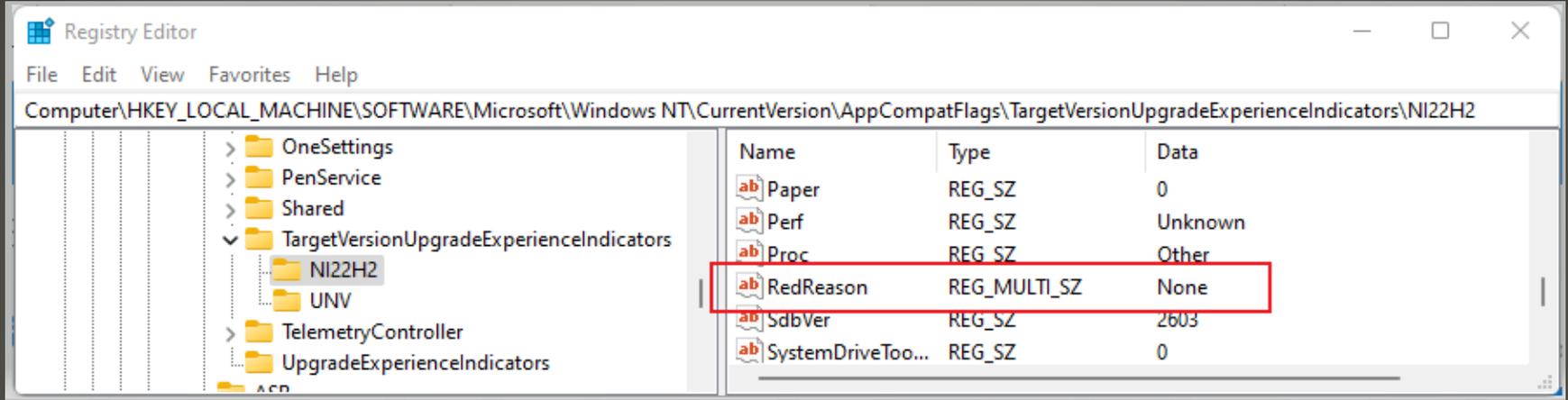
Microsoft Store

- Calculator
- Currency Converter
- Speed Testing Tool

Microsoft Edge New Tools

- European Space Agency's Mars Express just got Windows 98 update first in 19 years
- P2P Apps PayPal, Zelle, Venmo
Link to credit card 3% fee
Venmo intent
oops wrong amount/number

Current Issues



Windows 11 22H2 Sun Valley 2

About Windows



Windows 10

Microsoft Windows

Version 22H2 (OS Build 19045.1806)

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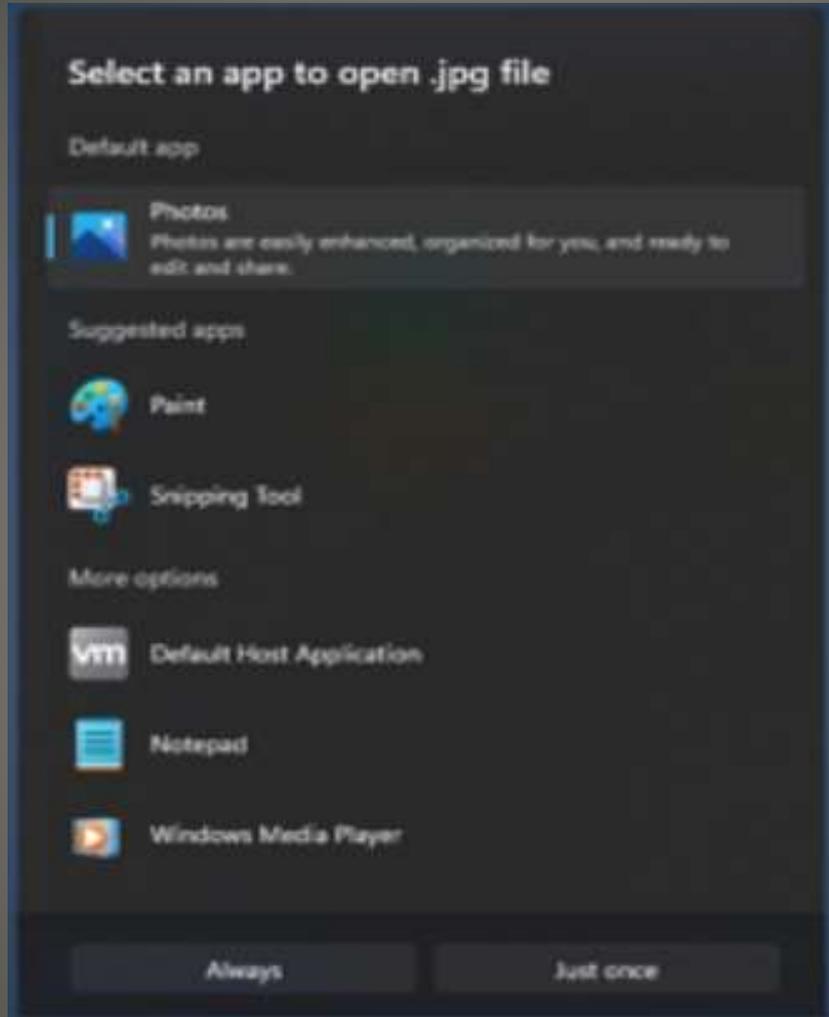
The Windows 10 Pro operating system and its user interface are protected by trademark and other pending or existing intellectual property rights in the United States and other countries/regions.

This product is licensed under the [Microsoft Software License Terms](#) to:

Windows User

OK

Windows 10 22H2



Open With dialog box gone/returns

- New Task Manager

Tabs across top > icons on left side

Dark Mode

Run program directly from Task Manager

Windows 11 22H2

Startup apps

Run new task Enable Disable Properties ...

Last BIOS time: 2.6 seconds

Name	Publisher	Status	Startup impact
 Cortana	Microsoft Corporation	Enabled	Not measured
 Microsoft Teams	Microsoft	Enabled	Not measured
 msedge.exe		Enabled	Not measured
 OneDrive.exe		Enabled	Not measured
 ONENOTEM.EXE		Enabled	Not measured
 Radeon Software Startup T...	Advanced Micro Device...	Disabled	None
 SecurityHealthSystray.exe		Enabled	Not measured
 Terminal	Microsoft Corporation	Disabled	None

- Start Menu
 - App folders
 - New section in Settings

Windows 11 22H2



Preston Gralla
pgralla@hotmail.com

Personalization > Start

Find a setting



System

Bluetooth & devices

Network & internet

Personalization

Apps

Accounts

Time & language

Gaming

Accessibility

Privacy & security

Windows Update

Layout



More pins



Default



More recommendations



Show recently added apps

On



Show most used apps

Off



Show recently opened items in Start, Jump Lists, and File Explorer

On



Folders

These folders appear on Start next to the Power button



- Drag and Drop to task bar
- Settings
 - Accounts page
 - Microsoft 365 ?
 - Who you're sharing with
 - OneDrive stats
- File Explorer
 - OneDrive

Windows 11 22H2

Minimize

New | [Icons] | Sort | View

OneDrive - Personal

Your files are synced

OneDrive - Personal

5.1 GB used of 1,054 GB

Manage storage

- Home
- Desktop
- Downloads
- Documents
- Pictures
- Draft 4
- Three features four
- Windows 11 22h2
- Windows 11 Preview
- OneDrive - Personal
- This PC
- Network

Name	Icon	Date	Type
Alpha	Folder	1/29/2022 12:32 PM	File folder
Arts Fuse	Folder	1/29/2022 12:32 PM	File folder
Bio	Folder	6/9/2022 10:32 AM	File folder
Blues	Folder	6/16/2022 10:48 AM	File folder
Castrati	Folder	1/29/2022 12:32 PM	File folder
Coronavirus	Folder	6/16/2022 10:48 AM	File folder
CW	Folder	1/29/2022 12:32 PM	File folder
Desktop	Folder	6/16/2022 10:48 AM	File folder
DittoMe2	Folder	1/29/2022 12:32 PM	File folder
Documents	Folder	6/16/2022 10:48 AM	File folder
Family	Folder	1/29/2022 12:32 PM	File folder
Favorites	Folder	1/29/2022 12:32 PM	File folder

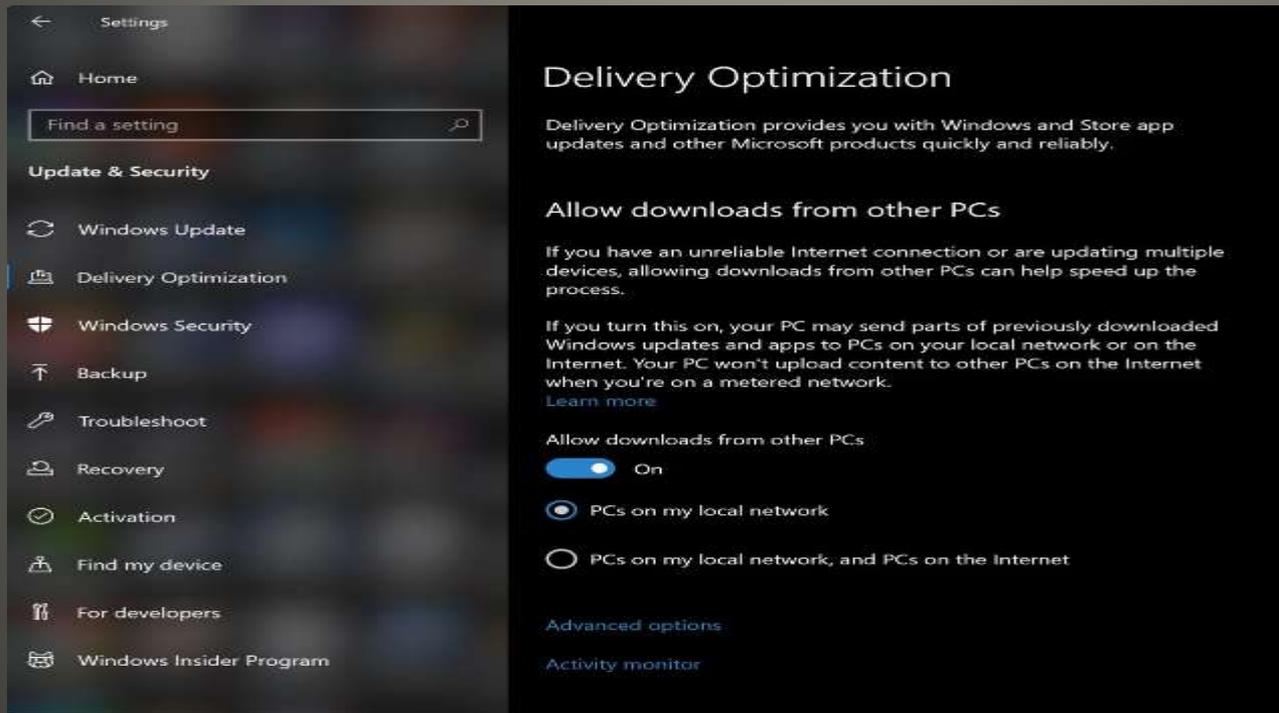
- Clipchamp (video editor)
- Family Safety
 - Location of children
 - Windows, Xbox, Android (with app)
 - Shared family calendar
- More touchscreen gestures
 - 3 finger swipe minimize apps
 - Swipe from right – Quick settings
- Reduce carbon emissions

Windows 11 22H2

- Helpful <-> Harmful

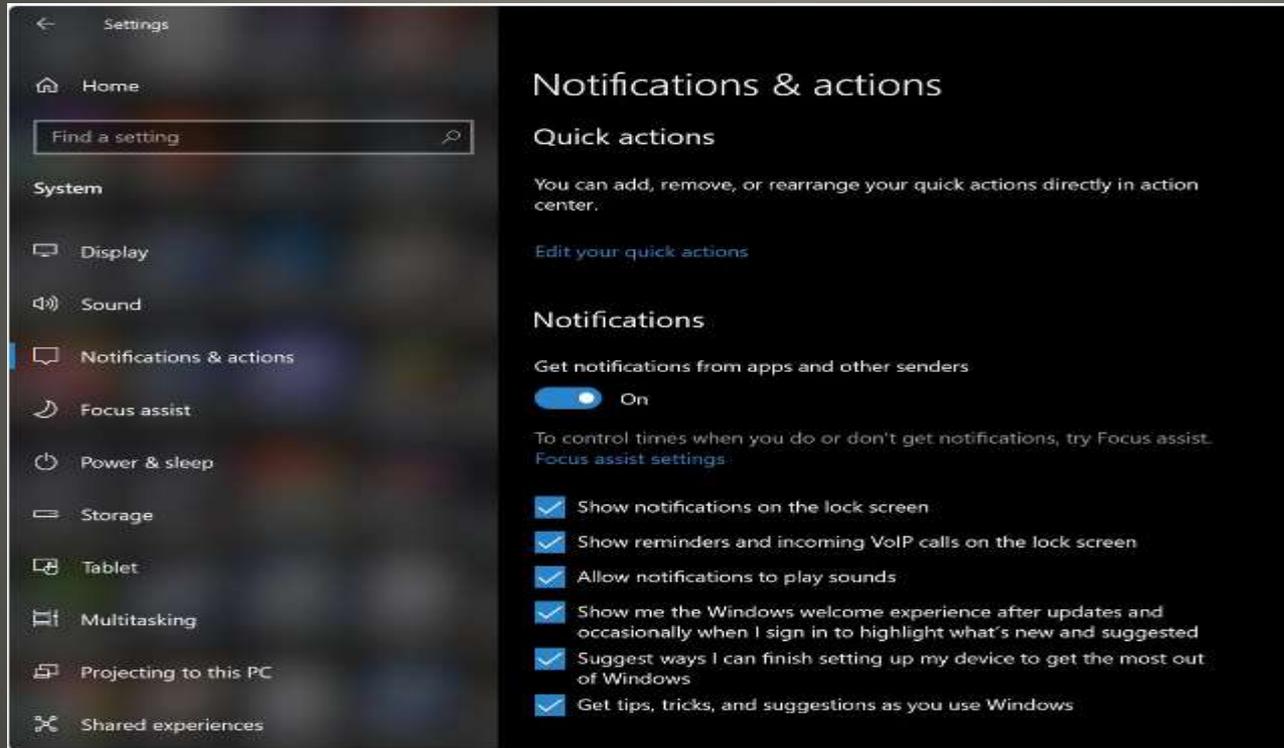
PowerShell

- Delivery Optimization
- Settings > Update & security > Advanced options > Delivery Optimization



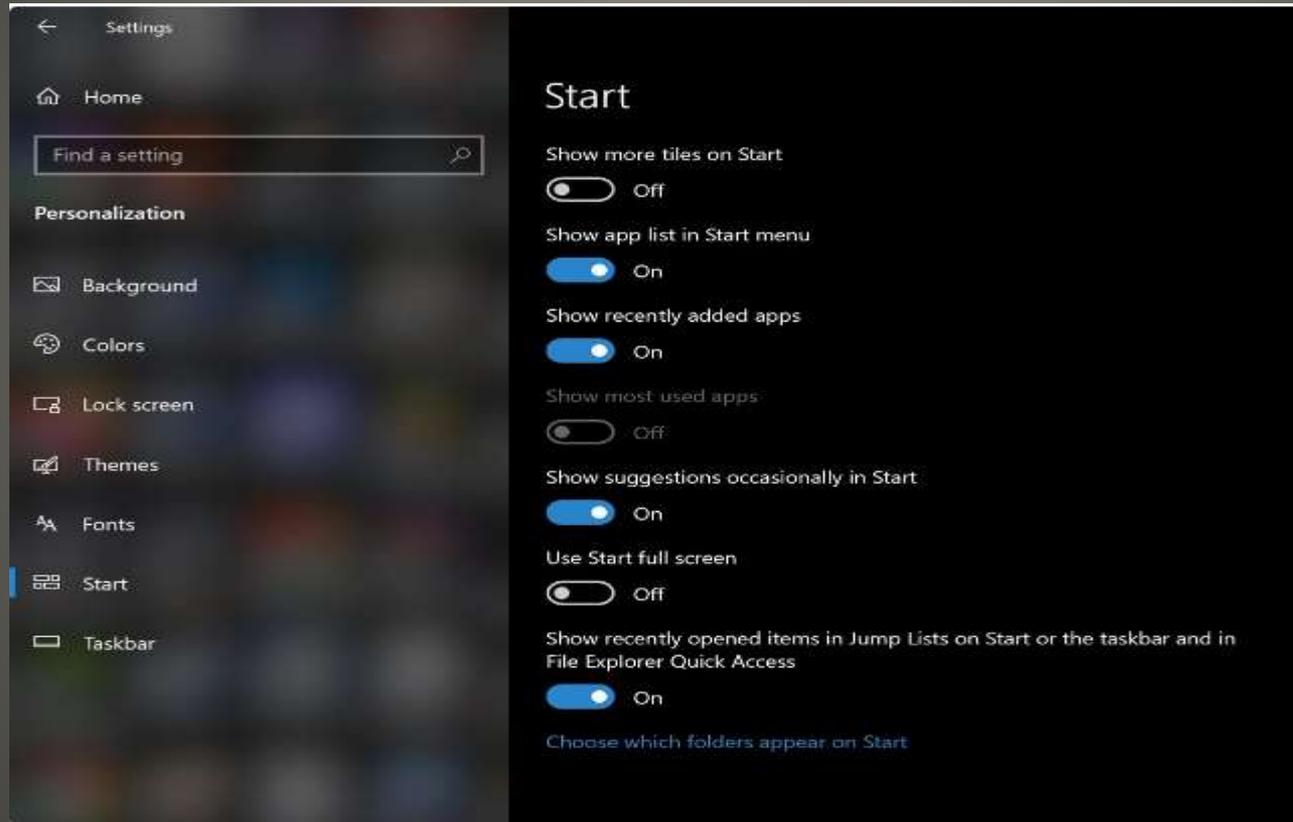
Settings

- Settings > System > Notifications & actions



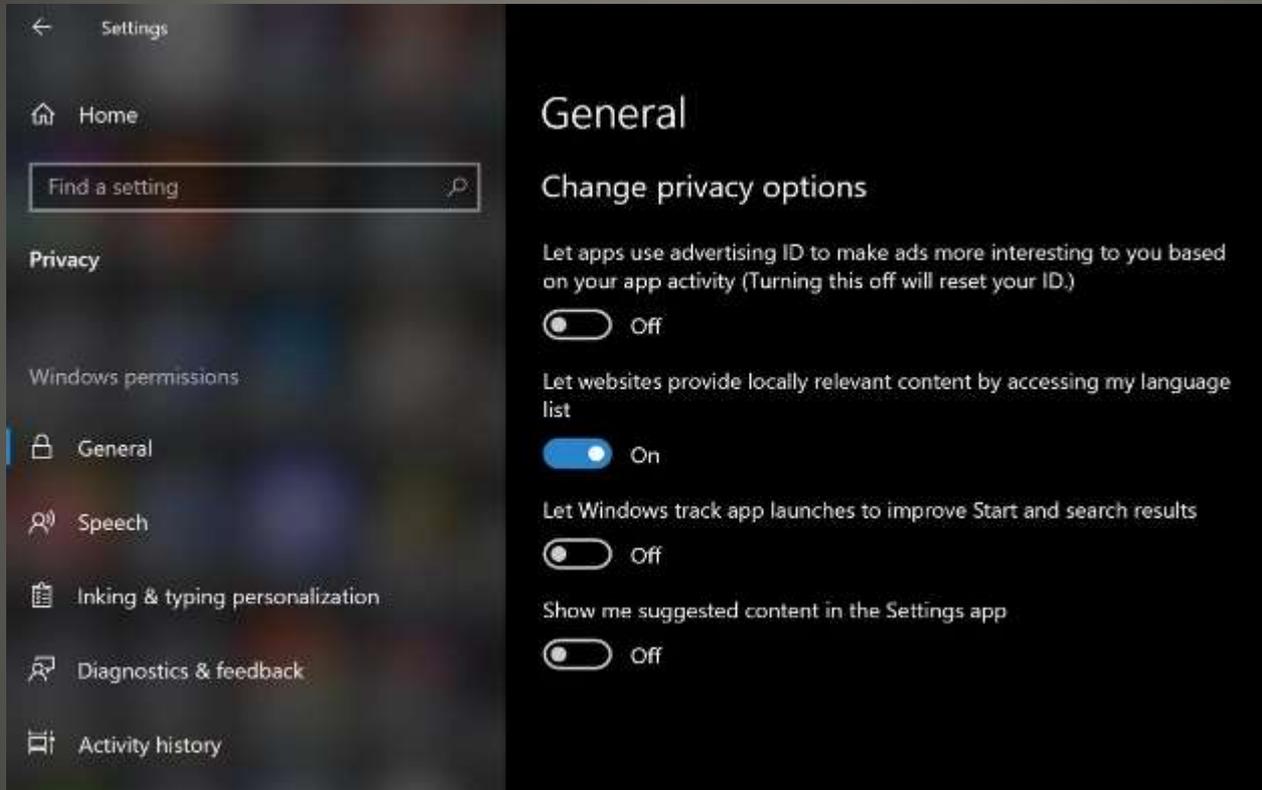
Settings

- Settings > Personalization > Start > Show suggestions occasionally in Start



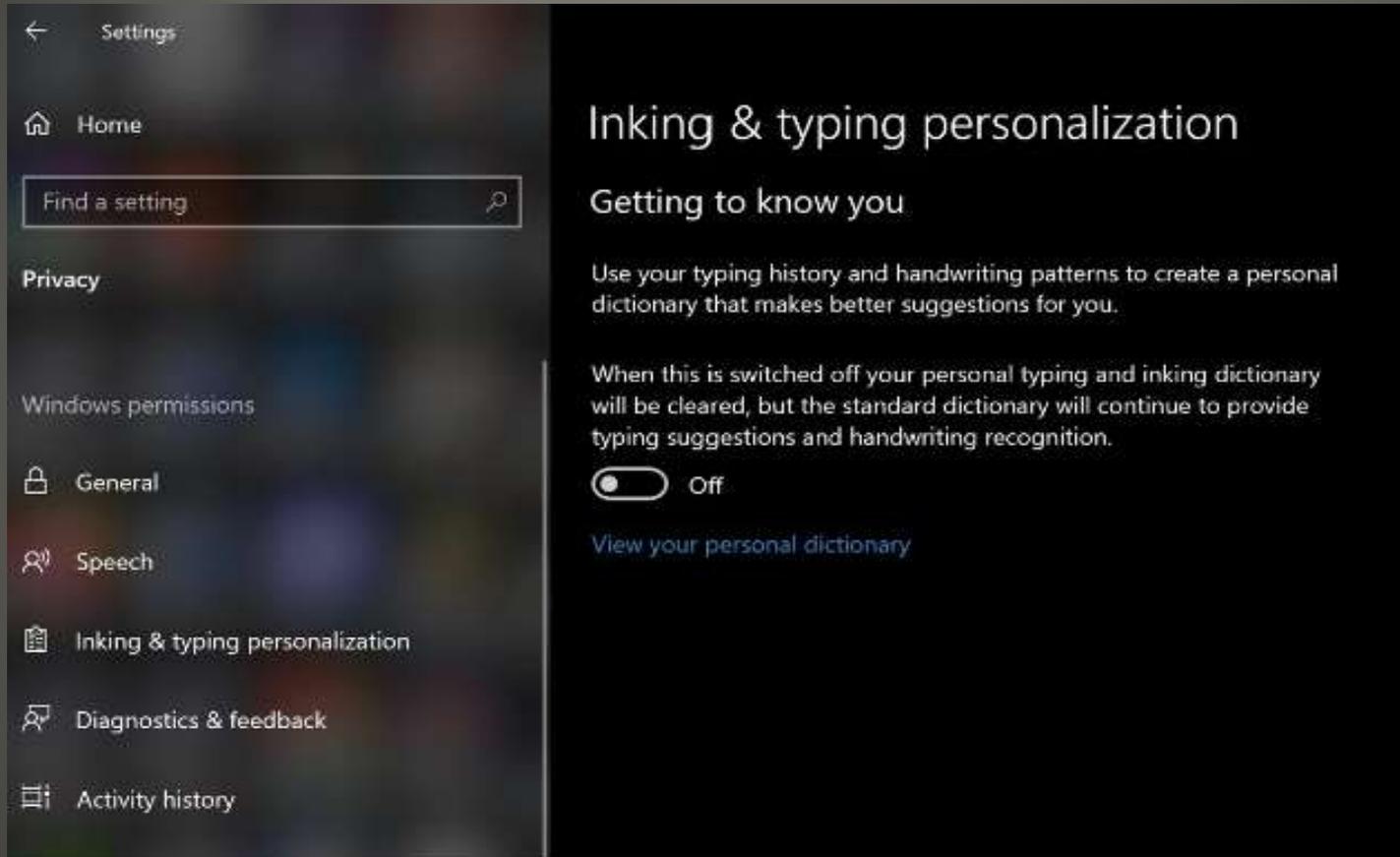
Settings

- Settings > Privacy > General



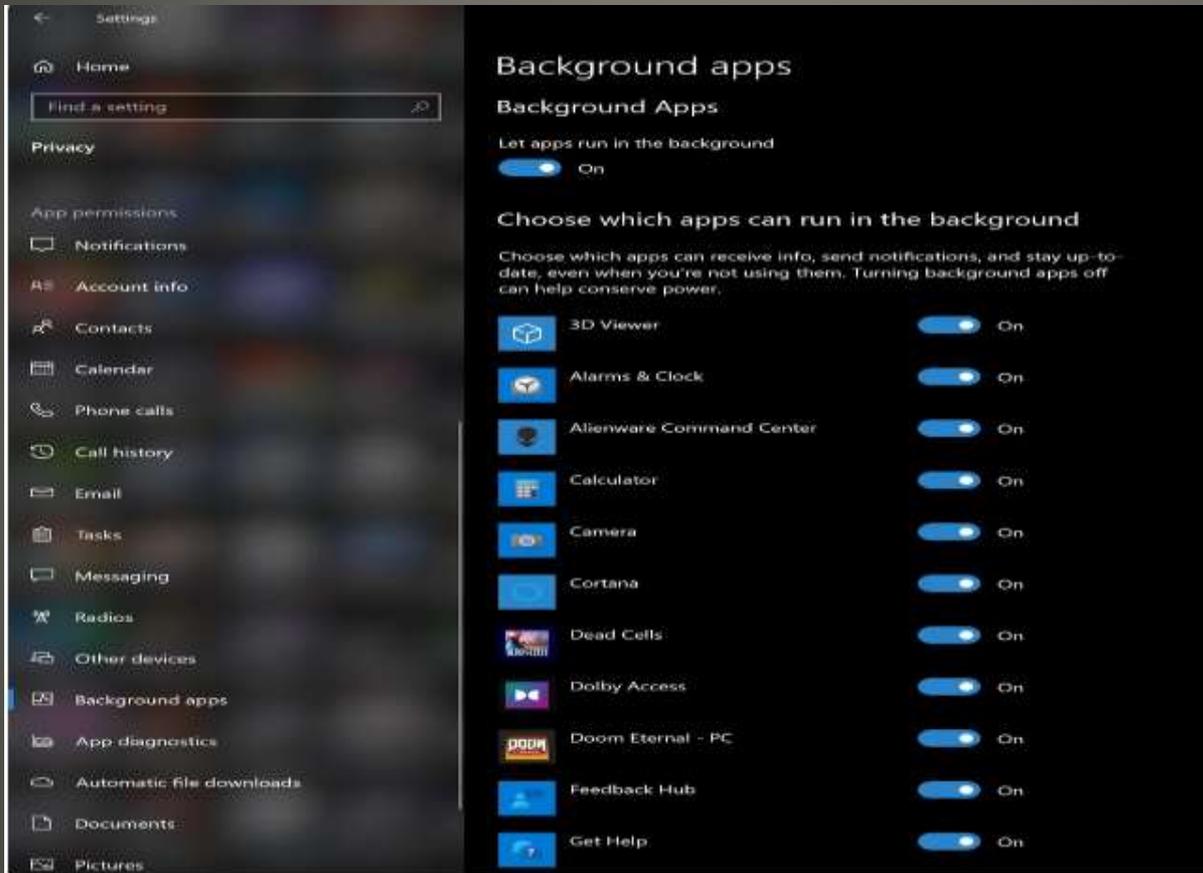
Settings

- Settings > Privacy > Inking & typing



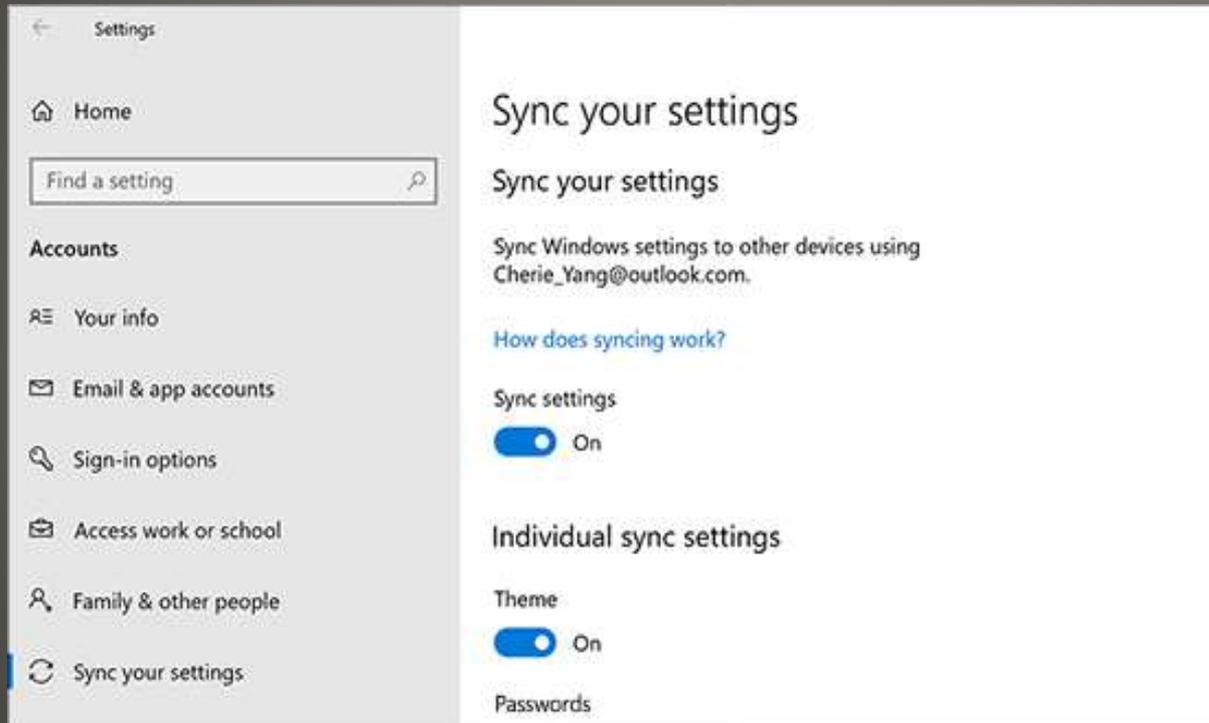
Settings

- Settings > Privacy > Background apps



Settings

- Settings > Accounts > Sync your settings
- Helpful <-> Harmful



Settings

- Windows 7, 8, 10, 11
- Control Panel > View by > NOT Category



- Search "Credential Manager"

Windows Credential Manager

Control Panel Home



Manage your credentials

View and delete your saved logon information for websites, connected applications and networks.



Web Credentials



Windows Credentials

Web Passwords

9-

0003400181992782



See also

[User Accounts](#)

- Username, password, Website URL, app

The screenshot shows the Windows Credential Manager interface. At the top, there are two main sections: "Web Credentials" (highlighted in blue) and "Windows Credentials". Below "Web Credentials", there is a list of saved web passwords. The first entry is selected, showing its details:

Web Passwords	Website address (URL)	User name	Roaming	Saved By	Password	Action
4476120e-66a1-f8e3-b8fe-9ce668e5451e	https://login.yahoo.com/		yes	Unknown App (S-1-15-2-521662822-727272565-2863991234-146...	Remove
c7e7d0f9-aaa6-3438-b437-946a5a46e4cb						
e1619865-aaa6-e3c3-b437-946a5a46e4cb						

Below the details, there is a "Remove" link with a red arrow pointing to it. To the left, there is a "See also" section with a link to "User Accounts".

WEB Credentials

- Windows Credentials
 - Only windows and its services
 - Shared folders
- Certificate based credentials
 - Smart cards, smart keys, etc.
- Generic Credentials
 - Apps OneDrive, Xbox network

Windows Credentials

Credential Manager

Control Panel > All Control Panel Items > Credential Manager

Control Panel Home

Manage your credentials

View and delete your saved log-on information for websites, connected applications and networks.

 **Web Credentials**

 **Windows Credentials**

[Back up Credentials](#) [Restore Credentials](#)

Windows Credentials [Add a Windows credential](#)

No Windows credentials.

Certificate-Based Credentials [Add a certificate-based credential](#)

No certificates.

Generic Credentials [Add a generic credential](#)

.Microsoft_PaidConnectivity_WiFi_AccessToken	Modified: 24-May-19	⌵
MicrosoftAccount:user=c	Modified: Today	⌵
MicrosoftAccount:user-	Modified: Today	⌵
msteams_adalssso/adal_context_0	Modified: 13-May-20	⌵
msteams_adalssso/adal_context_1	Modified: 13-May-20	⌵
msteams_adalssso/adal_context_2	Modified: 13-May-20	⌵
msteams_adalssso/adal_context_3	Modified: 13-May-20	⌵
msteams_adalssso/adal_context_4	Modified: 13-May-20	⌵
msteams_adalssso/adal_context_5	Modified: 13-May-20	⌵

Contains credentials for computers, websites and programs.

The WindowsClub

See also [User Accounts](#)

- Add, Modify, remove Windows, Certificate, and Generic credentials

Credential Manager

• Edge > Settings

Offer to **save passwords**



Allow Microsoft Edge to save your passwords and help keep them secure

Automatically **save passwords**



Sign in:

Automatically

If this is selected, you don't need to enter your password before signing in to a website using autofill.

With device password

If this is selected, you'll need to enter your device password before we autofill your password on a website. [Learn more](#)

Ask permission once per browsing session ▾

Prompt for the custom primary password before filling website password [Learn more](#)

 You're not syncing your passwords. If you forget your custom primary password, we won't be able to recover your data. [Go to sync settings](#)

Show alerts when passwords are found in an online leak



We check your passwords saved in Edge against a known repository of exposed credentials and alert you if a match is found. [Learn more](#)

Show the "Reveal password" button in password fields



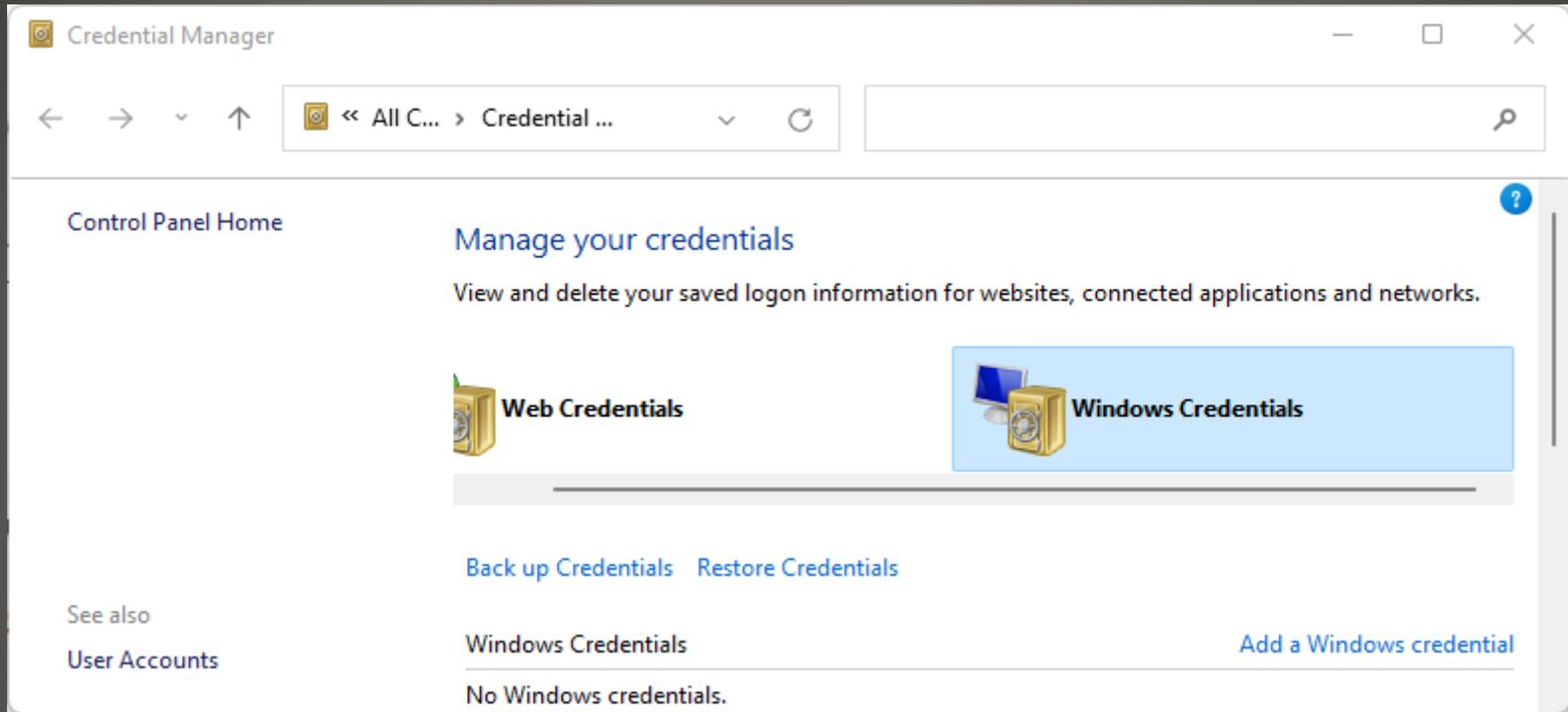
Selecting this button shows what you've typed. Some sites may override this setting

Suggest strong passwords



Password suggestions work when Password Sync and Offer to **save passwords** are both set to on

Add WEB sites to Credential Manager



Backup & Restore

- Helpful <-> Harmful
- A tool Not The tool

Windows Credential Manager

- Microsoft Office offline feature
- Microsoft Office 365
- Libre Office
Writer Calc Impress Draw Base Math
- Google Docs Google Workspace
word documents, presentations, spreadsheets
Docs Slides Sheets

Online only

2019 Google Docs Offline
browser extension

MS Word documents import & edit in Google Docs

BUT iff previously opened online

Changes cached - synched when online again

Google Docs Offline browser extension

Office

- Version 21H2 19044.1766
- Defender update
- Windows 10 21H2 19044.1806

Windows 365

Get a Windows 11 development environment

Start building Windows applications quickly by using a virtual machine with the latest versions of Windows, the developer tools, SDKs, and samples ready to go

Download a virtual machine

We currently package our virtual machines for four different virtualization software options: [VMWare](#), [Hyper-V](#), [VirtualBox](#), and [Parallels](#).

[VMWare](#)[Hyper-V](#)[VirtualBox](#)[Parallels](#)

File size: 20 GB

Expiration date: September 11, 2022

The evaluation virtual machine includes:

- Windows 11 Enterprise (Evaluation)
- Visual Studio 2022 with the UWP, .NET Desktop, Azure, and Windows App SDK for C# workloads enabled
- Windows Subsystem for Linux enabled with Ubuntu installed
- Developer mode enabled
- Windows Terminal installed

Windows 11 VMs

- <https://developer.microsoft.com/en-us/windows/downloads/virtual-machines/>
- <https://www.techspot.com/article/2477-microsoft-word-hacks/>

Clipboard History tool

Create, edit, import/export PDFs

Use Outline View to reorganize long docs

Get Readability Score

File Recovery

Reduce File size

Password Protect Make read-only

Add or remove watermarks

Toolbars and Dark Mode

Flowcharts and Mind Maps

- Not so fast
- Roll back decision to block Office macros
- VBA macros on downloaded documents
Blocked by default
Access, Excel, PowerPoint, Visio, Word

Block Office Macros

This screenshot shows the Microsoft Word interface with a yellow security warning banner at the bottom. The ribbon includes FILE, HOME, INSERT, DESIGN, PAGE LAYOUT, REFERENCES, MAILINGS, REVIEW, and VIEW. The HOME tab is active, showing Font, Paragraph, and Styles groups. The Font group shows Calibri, size 11, with options for Bold, Italic, Underline, and text color. The Paragraph group shows alignment and bullet point options. The Styles group shows Normal, No Spacing, and Heading 1. The warning banner contains a yellow shield icon with an exclamation mark, the text "SECURITY WARNING Macros have been disabled.", and an "Enable Content" button.

FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW Sign in

Clipboard Font Paragraph Styles Editing

! SECURITY WARNING Macros have been disabled.

OLD SECURITY ALERT

This screenshot shows the Microsoft Word interface with a red security risk alert banner at the bottom. The ribbon and font/paragraph styles are identical to the previous screenshot. The warning banner contains a red shield icon with an 'X', the text "SECURITY RISK Microsoft has blocked macros from running because the source of this file is untrusted.", and a "Learn More" button.

FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW Sign in

Clipboard Font Paragraph Styles Editing

× SECURITY RISK Microsoft has blocked macros from running because the source of this file is untrusted.

NEW SECURITY ALERT

- Settings > Privacy & security
App permissions

Let desktop apps access your microphone On 

Desktop apps that have previously accessed your microphone are listed here

-  Microsoft PowerPoint
Last accessed 6/22/2022 | 3:38:25 PM
-  Zoom
Last accessed 6/22/2022 | 3:38:37 PM

**Windows What is accessing
Microphone Camera Location**

The screenshot shows the Windows Settings application with the 'Privacy & security' > 'Location' page open. The left sidebar lists various settings categories, with 'Privacy & security' selected. The main content area shows the 'Allow location override' toggle is turned on. Below this, the 'Recent activity' section displays a list of applications that have accessed the device's location in the last week. The list includes 'Windows Web Experience Pack' and several instances of 'Microsoft Teams'. At the bottom, there are links for 'Privacy resources' and 'Get help'.

Settings

Privacy & security > Location

Allow location override
Allow apps like Remote Desktop to set this device's location. On

Recent activity
See which apps have accessed your location in the last week. 15 requests

App	Last accessed
Windows Web Experience Pack	6/13/2022 5:31:22 AM
C:\Users\divya\AppData\Local\Microsoft\Edge SxS\Application\msedge.exe	5/31/2022 3:54:50 PM
Microsoft Teams	5/31/2022 3:53:30 PM
Microsoft Teams	5/31/2022 3:29:24 PM
Microsoft Teams	5/31/2022 3:29:16 PM
Microsoft Teams	5/31/2022 3:24:20 PM
Microsoft Teams	5/31/2022 3:24:13 PM
Microsoft Teams	5/31/2022 3:00:29 PM
Microsoft Teams	5/31/2022 3:00:22 PM
Microsoft Teams	5/31/2022 3:00:10 PM

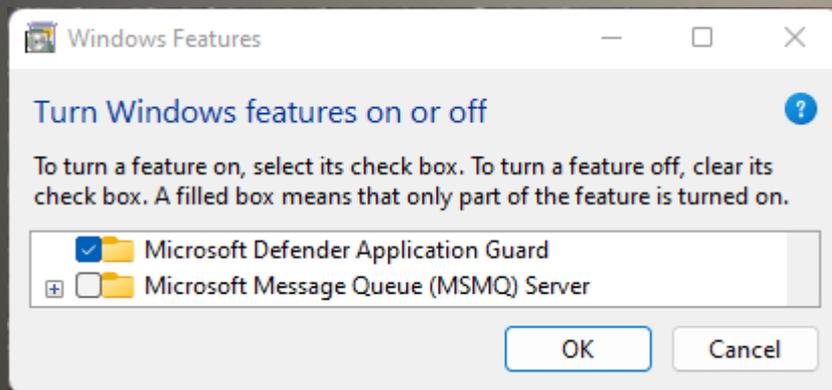
View more activity

Privacy resources
About these settings and your privacy | Privacy dashboard | Privacy Statement

Get help

Location

- Windows Pro & Enterprise NOT Home
- Mini VM
- Edge in isolated container
- Browse anonymously with primary system out of reach
- Windows Features



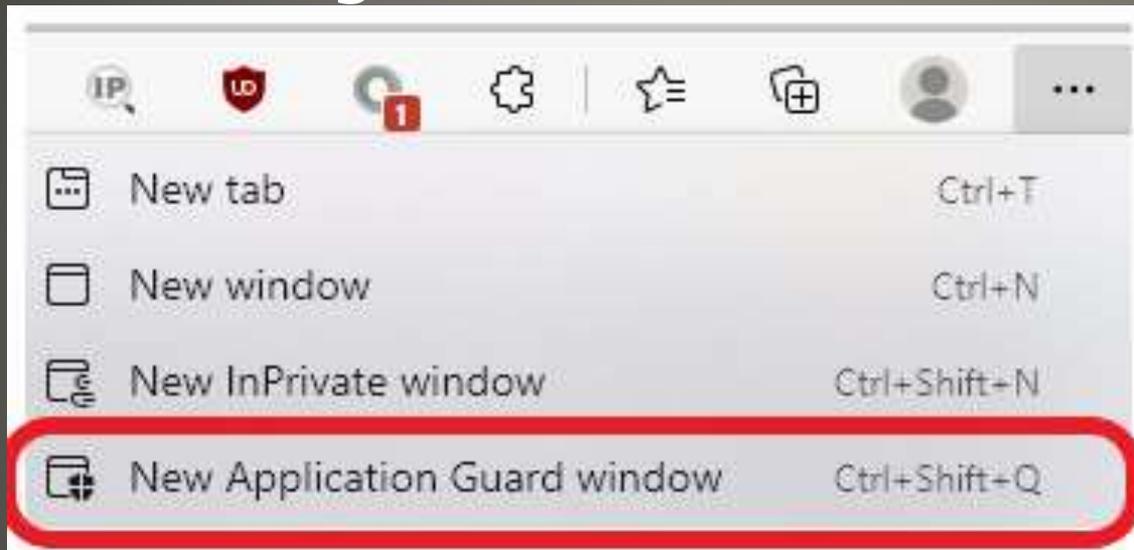
Microsoft Defender Application Guard

- User Account Control – PLEASE



Microsoft Defender Application Guard

- RESTART
- New Edge Window



- Safer NOT Safe

Microsoft Defender Application Guard

Browser Task Manager

Task ▲	Memory	CPU	Network	Process ID
• Browser	40,300K	1.5	0	4260
• GPU Process	30,372K	20.0	0	4796
• Spare Renderer	17,656K	0.0	0	4928
• Tab: New tab	125,728K	0.0	0	5692
Dedicated Worker:				
• Utility: Network Service	12,028K	0.0	0	4812
• Utility: Storage Service	6,980K	0.0	0	4848

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Name	Status	43% CPU	63% Memory	0% Disk	0% Network
Apps (9)					
> Google Chrome (23)		1.5%	436.2 MB	0.1 MB/s	0.1 Mbps
> Malwarebytes Tray Application		0%	2.7 MB	0 MB/s	0 Mbps
✓ Microsoft Defender Application ...		1.0%	12.4 MB	0 MB/s	0 Mbps
• New tab - Profile 1 - Microso...					
> Microsoft Edge (55)		4.3%	2,105.0 MB	0.1 MB/s	0.1 Mbps
> Microsoft Edge (6)		0%	124.3 MB	0 MB/s	0 Mbps

Microsoft Defender Application Guard

- Windows 10 1903 & 1909 share code base

Windows 10 Enablement Package

- Some features disabled
- 2 ways

Windows + R
"winword /safe"

CTRL+Microsoft Word
start menu, taskbar, desktop icon
Release CTRL key "Yes" start safe mode

Microsoft Word Safe Mode

- Here's the full changelog of the WSA July 2022 update for Windows 11:
- Microsoft has enabled Advanced Networking functionality. This provides app access to local network devices for ARM.
- The IP address of the VM has been updated and it's now the same as the host/computer IP.
- Microsoft has fixed issues with maximizing or resizing.
- Microsoft has fixed scrolling issues with mouse and trackpad in apps.
- As part of privacy updates, Microsoft has confirmed that windows marked secure can no longer be screenshotted. This includes the incognito mode of Chrome.
- Microsoft is improving web browser launching.
- Enabled support for doze and app standby.
- Updated to Chromium WebView 101
- Microsoft has fixed app flickering and graphics corruption, video playback, issues with the network, and more. In fact, Microsoft claims the update increases the performance and reliability of connecting to virtual WiFi.
- Microsoft is improving video playback in apps and adding support for AV1 Codec.
- Enabled IPv6 and VPN Connectivity
- Microsoft has fixed video playback issues including a bug that can prevent the screen from turning off in Windows.

Windows Subsystem for Android

PowerToys 0.60 available

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

