



Alan German & Chris Taylor

Ottawa PC Users' Group

October 4, 2023

Follow Up Deeplink

- I received an SMS notification message on my cell phone which read “deeplink”
- I did not click on the notification
- I did go into my text messaging program and there was nothing there.
- Any ideas?
- (I thought a deeplink was a redirection link used in marketing.)

Jeff Dubois



In the context of mobile, deep linking describes the action of delivering users to specific in-app content from wherever they are.

Basis is a mobile marketing app:

- If the app is installed a link takes the user to a specific part of the app (e.g. checkout)
- If the app is not installed, the link routes the mobile to install the app, and then proceeds to the defined destination

<https://www.appsflyer.com/resources/guides/deep-linking-101/>



SMS Scams

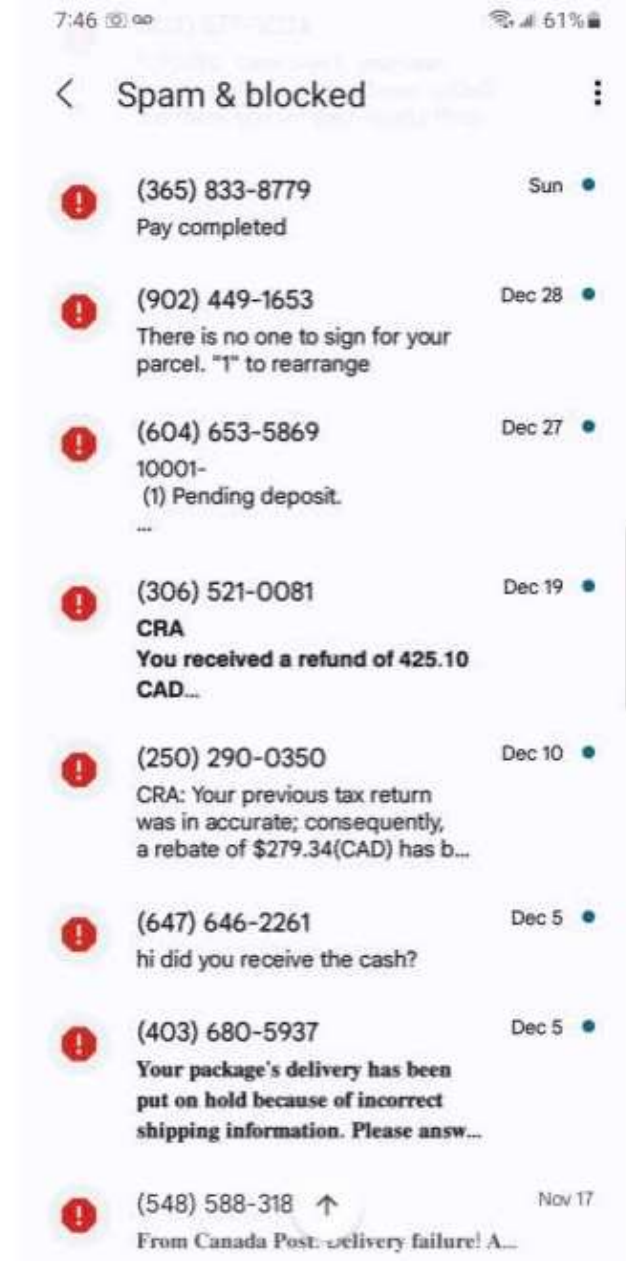


Not all scams arrive by E-mail
or through telephone calls

Watch out for SMS messages!

- bank deposits
- tax refunds
- package delivery

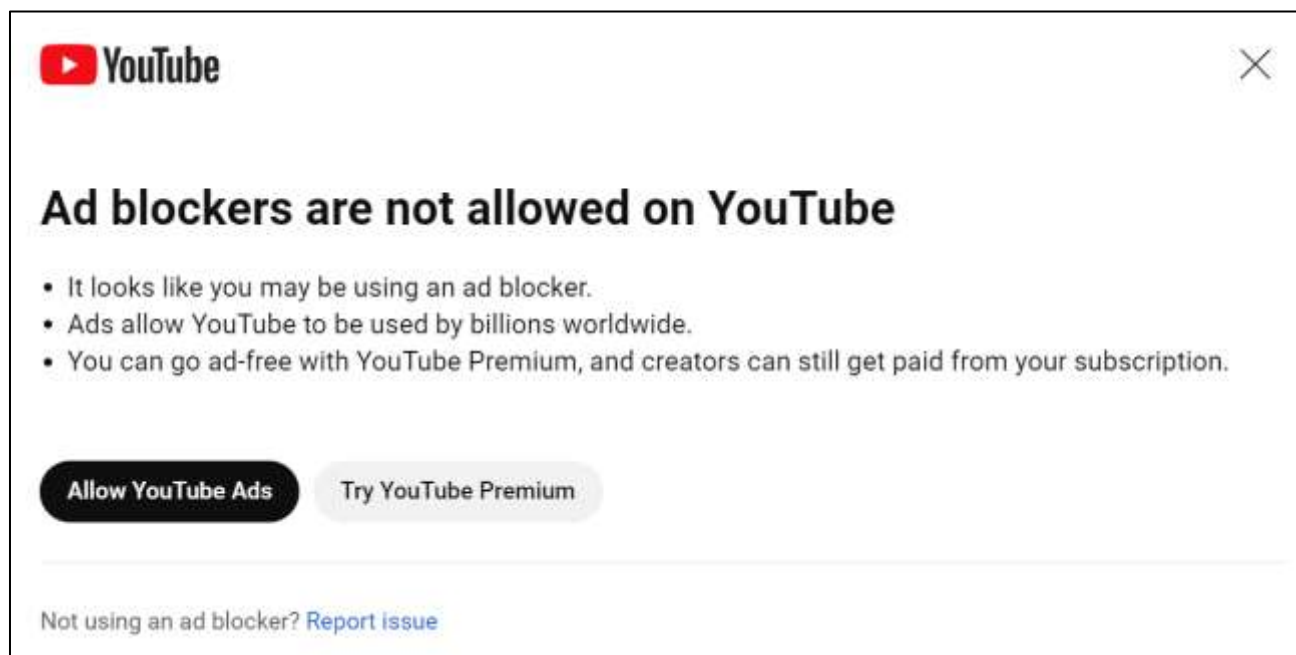
<https://opcug.ca/fraud-watch/>



Share

YouTube blocking ad blockers!

- Brand new as of today (October 4th)
- If you go to YouTube with an ad blocker active in your browser



You can “x” out of the box and continue as before...for how long?

Let us know if you get blocked when using an ad blocker



Microphone – Is it on?

- My new Dell Alienware laptop has a microphone on/off key but I cannot tell its state
- Does anyone know a way to know at a glance if the microphone is live?
- And, maybe even a volume bar chart...?



Tom Trottier



Test microphone

How to set up and test microphones in Windows

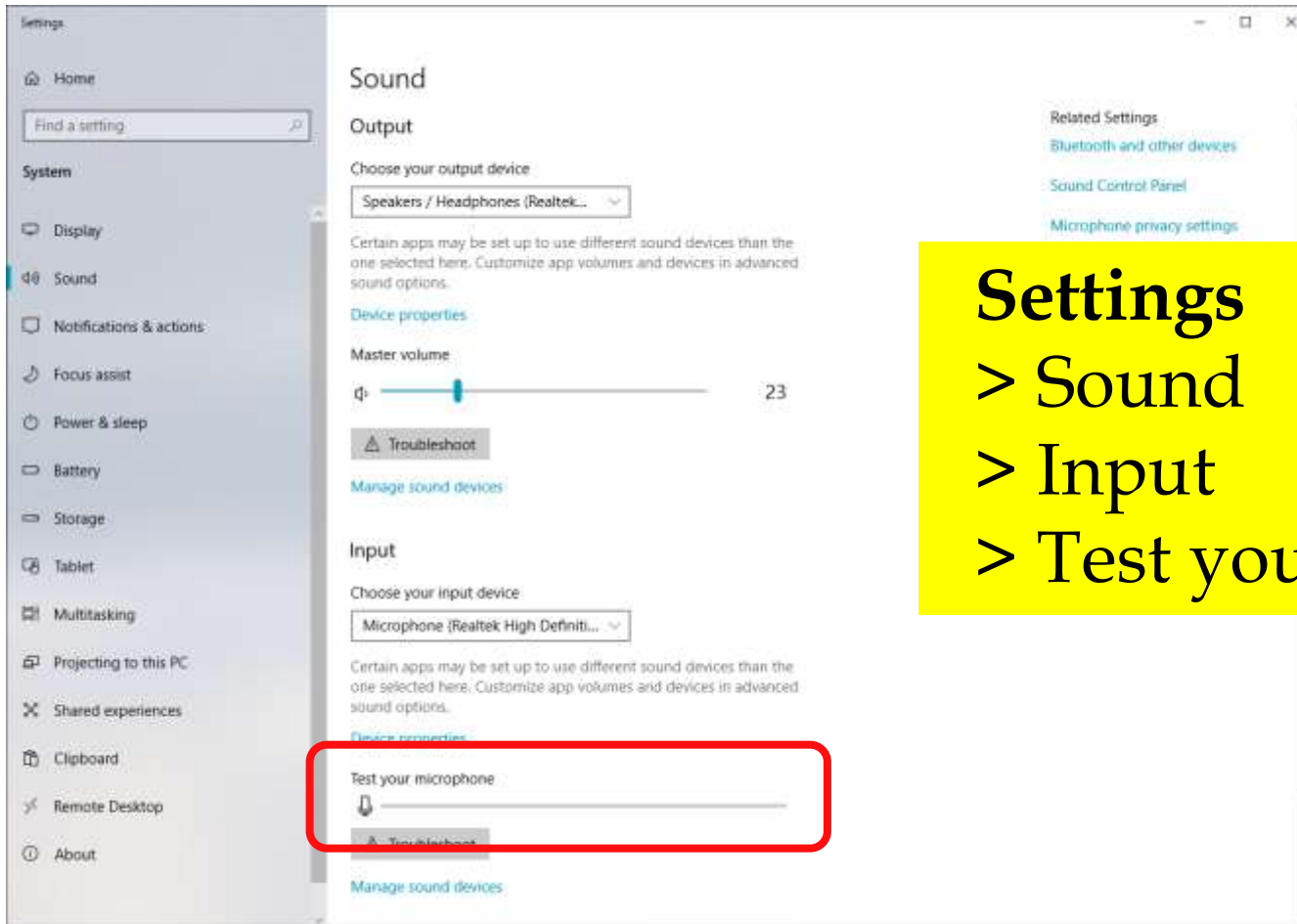
Windows 11

Windows 10

To test a microphone that has already been installed:

1. Make sure your microphone is connected to your PC.
2. Select **Start**  > **Settings**  > **System** > **Sound**.
3. In Sound settings, go to **Input** and under **Test your microphone**, look for the blue bar that rises and falls as you speak into your microphone. If the bar is moving, your microphone is working properly.
4. If you aren't seeing the bar move, select **Troubleshoot** to fix your microphone.

<https://support.microsoft.com/en-us/windows/how-to-set-up-and-test-microphones-in-windows-ba9a4aab-35d1-12ee-5835-cccac7ee87a4>

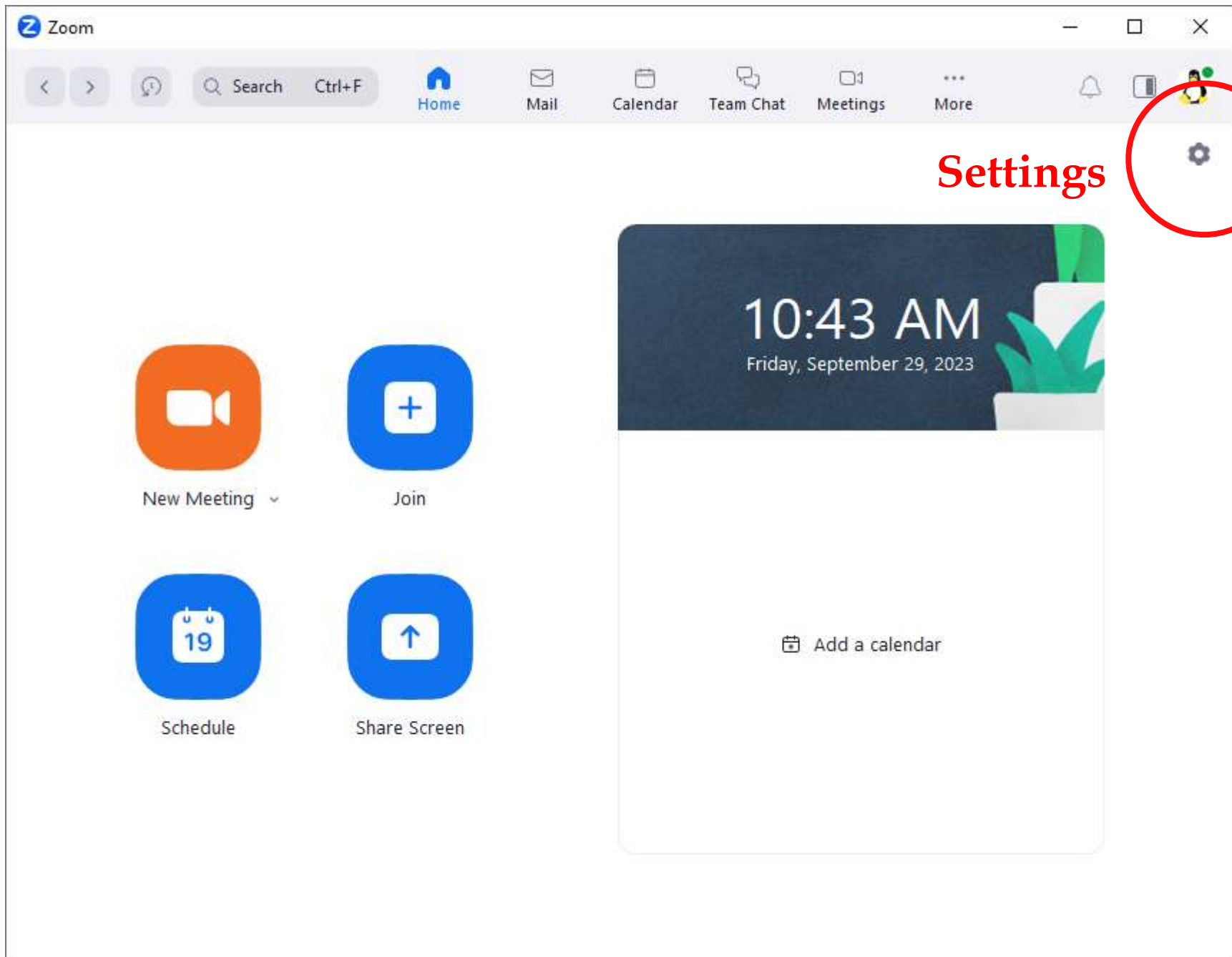


Settings
> Sound
> Input
> Test your microphone

Test your microphone



Troubleshoot



Settings

Upgrade to Zoom One Pro to get unlimited meetings, productivity apps and more!

[Upgrade now](#)



General



Video



Audio



Share Screen



Team Chat



Zoom Apps



Background & Effects



Recording



Profile



Statistics



Keyboard Shortcuts



Accessibility

Speaker

Test Speaker

Speakers / Headphones (Realtek High Definition... ▾)

Output Level:

Volume:



☐ Use separate audio device to play ringtone simultaneously

Microphone

Test Mic

Same as System (Microphone (Realtek High Defi... ▾)

Input Level:

Volume:



☒ Automatically adjust microphone volume

Audio Profile

☐ Zoom optimized audio (recommended for most users) ⓘ

☒ Original sound for musicians (recommended for studio environments) ⓘ

Displays in-meeting toggle to switch between Zoom optimized audio and Original sound for musicians

☐ High fidelity music mode ⓘ

☒ Echo cancellation ⓘ

☒ Stereo audio ⓘ

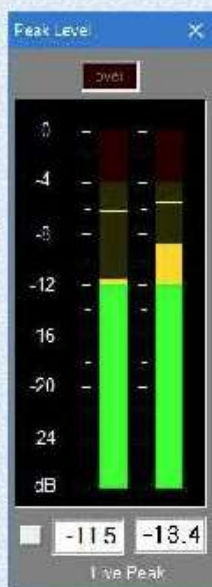
☐ Live performance audio **BETA** (recommended for multiple instruments or ⓘ)

Advanced

Audio Level Meters by Paul Marshall

For accurate **RECORDING**.

"I would like to say a MEGA thank you for all the hard work you have put into developing tools such as the VU Meters on your website" - Mike



Digital Level Meter

For accurate peaks and steady state readings.



Digital 'PPM'

Under-reads very short peaks slightly like a traditional BBC PPM.



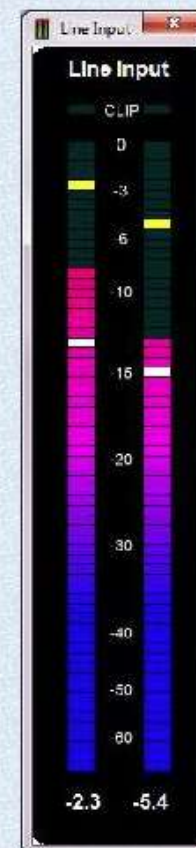
'Analogue' style BBC PPMs

ME/12

Mini-PPM

Twin PPM

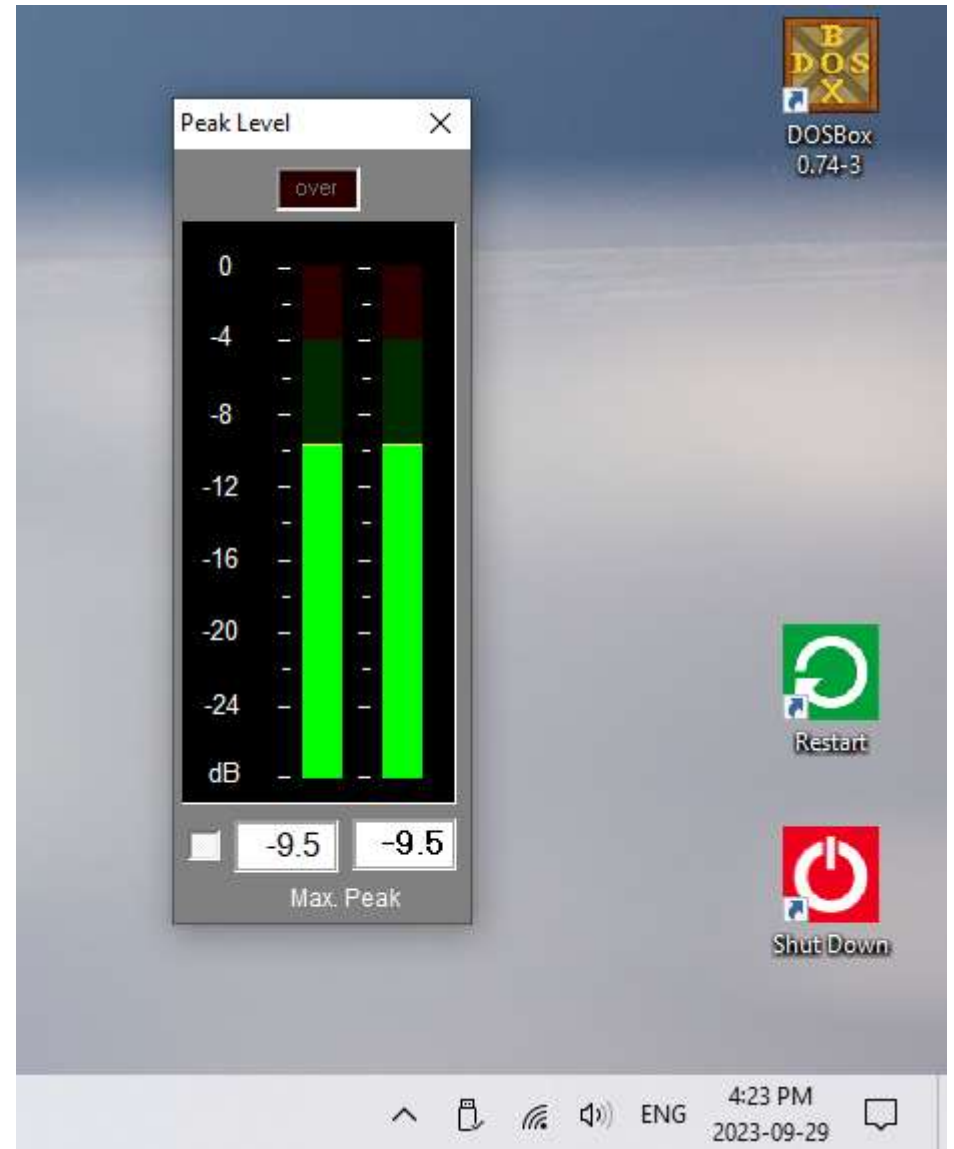
Quad PPM



Wide Range Level Meter

For accurate peaks and steady state readings. With phase monitoring and a 60dB range.

Digital Level Meter by Paul Marshall



<https://www.darkwooddesigns.co.uk/pc2/meters.html#Digital>

Share

Photo editing with Photoscape X

Part 1 – Straightening and cropping

Part 2 – Lighting adjustments

Part 3 – Editing tools (e.g. spot healing, soften skin, red eye)

Part 4 – Masks and Cloning



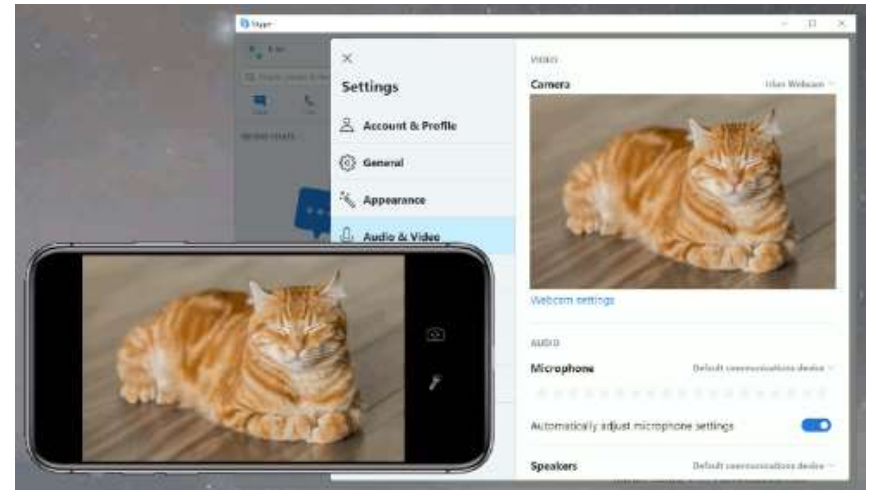
Stewart on



Android

Webcam for Windows (Mac or Linux)

- This Android app, in conjunction with software on your PC, allows you to use an Android device as a wireless webcam
- Versions available for Windows, Mac or Ubuntu
- A wired connection is also possible (not tested)
- The app is said to work with any video software



<https://iriun.com/>

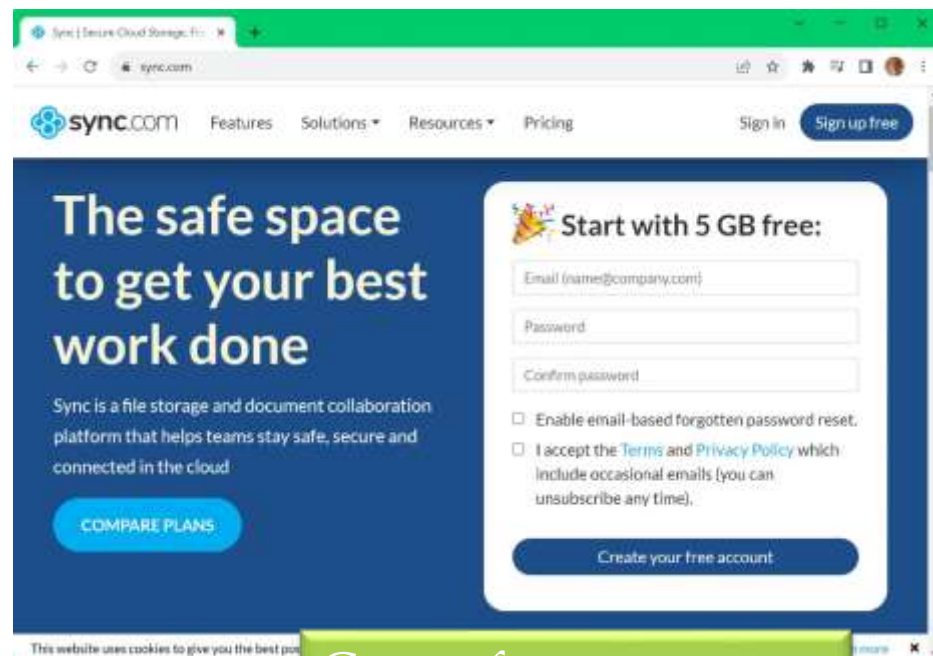


LoonieBits

Canadian cloud storage



- 5 GB free cloud storage
 - 2 TB: CA\$96
- Been around 10 years
- Access via web or
 - clients for Windows, Android, iOS, macOS
- Share files and folders
- Recover deleted files for 30 days
 - more with paid account
- Version history
 - unknown time period or number of versions
- Comprehensive Privacy policy
 - <https://www.sync.com/privacy>



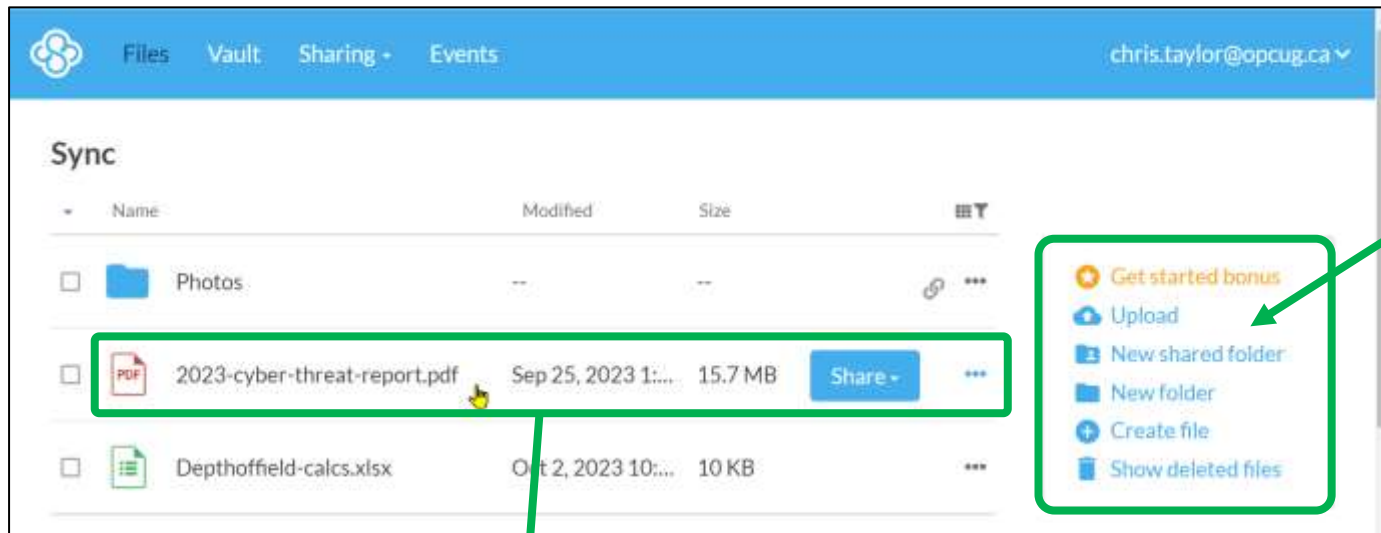
Create free account at
<https://sync.com>

Stewart Bruce



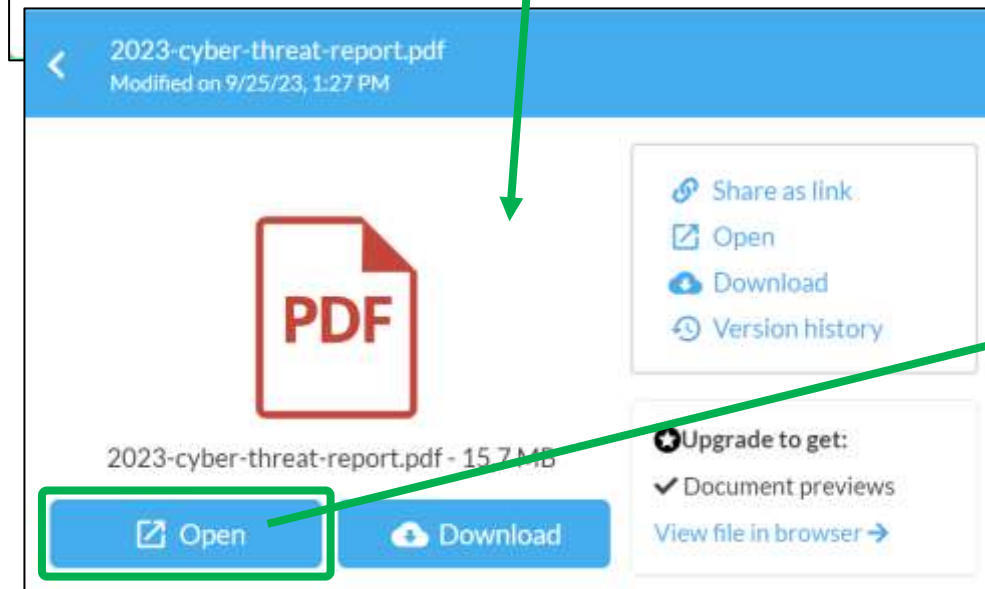
LoonieBits

Access via web browser at <https://sync.com>



Main functions

- Get started bonus
- Upload
- New shared folder
- New folder
- Create file
- Show deleted files

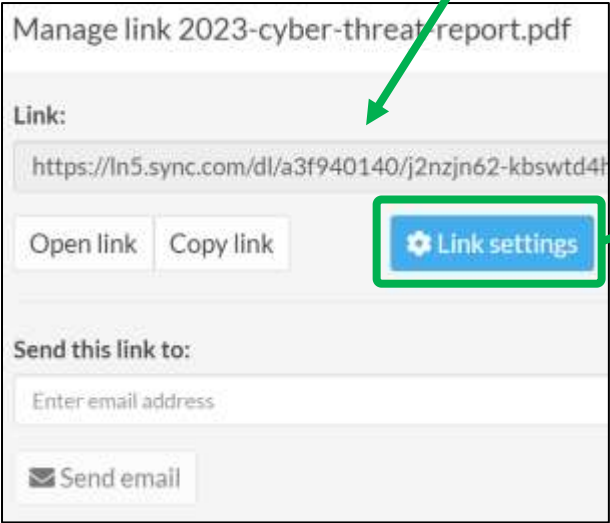
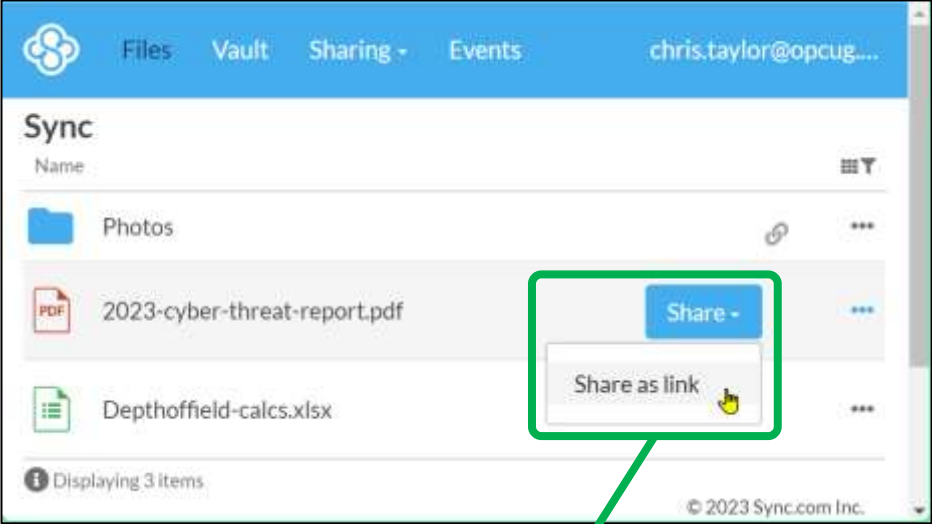




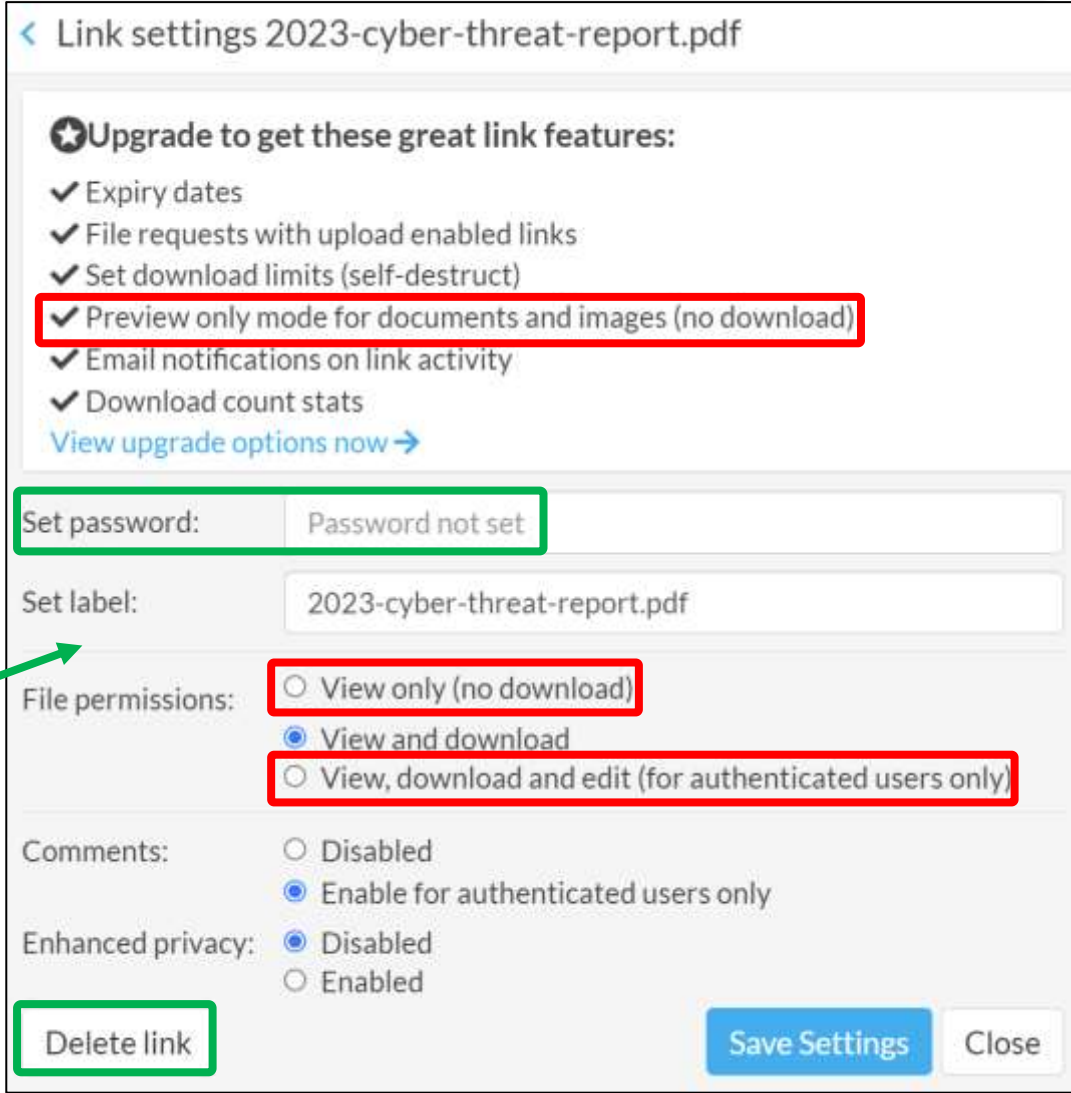
LoonieBits

Share via web browser

Free accounts: anyone with the link can view & download



Free accounts limited to *View and download*





Argggg...only 3 links on free accounts

Create link on CJT_7168 1.jpg

⚠ The free Sync Starter plan allows you to create a maximum of 3 links. You'll need to remove an existing link to create a new link, or upgrade to get unlimited links.

★ Upgrade to get these great link features:

- ✓ Unlimited links
- ✓ Set expiry dates on links
- ✓ Set download limits on links
- ✓ Restrict downloads on links (view only links)
- ✓ Request files with links (upload enabled links)
- ✓ 30-day money back guarantee

[View upgrade options now →](#)



LoonieBits

Client for Windows

Synchronize between cloud and folder on (multiple) computers



<https://www.sync.com/install/>



Installs a tray icon to access functions





LoonieBits

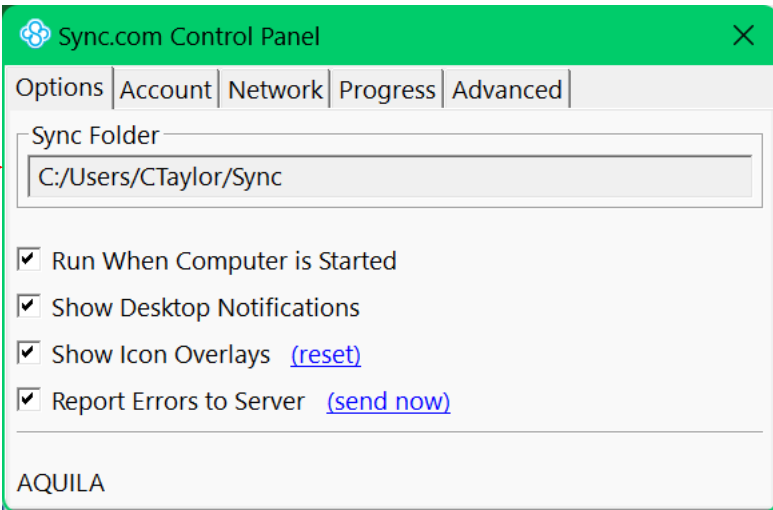
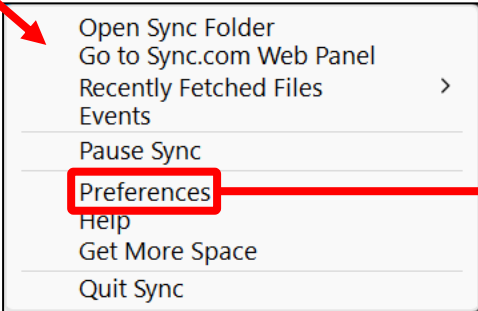
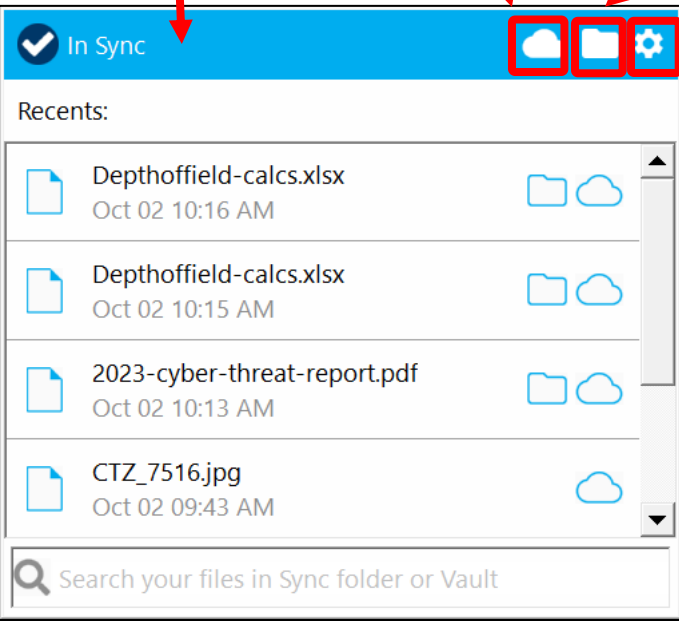
Client for Windows

Click tray icon



Access via web

Open local folder





LoonieBits

Access via folder on computer

Folder automatically pinned to *Quick Access*

Also available under

> This PC > Windows (C:) > Users > CTaylor > Sync >

Add/edit/delete files & folders

Sync

Sync.com
Sync Link
Your Sync Link has been copied to your clipboard.

Sharing options on right-click menu

Manage link 2023-cyber-threat-report.pdf

Link:

<https://ln5.sync.com/dl/a3f940140/j2nzjn62-kbswtd4>

Open link Copy link Link settings

Send this link to:

Enter email address

Send email



Access via Android

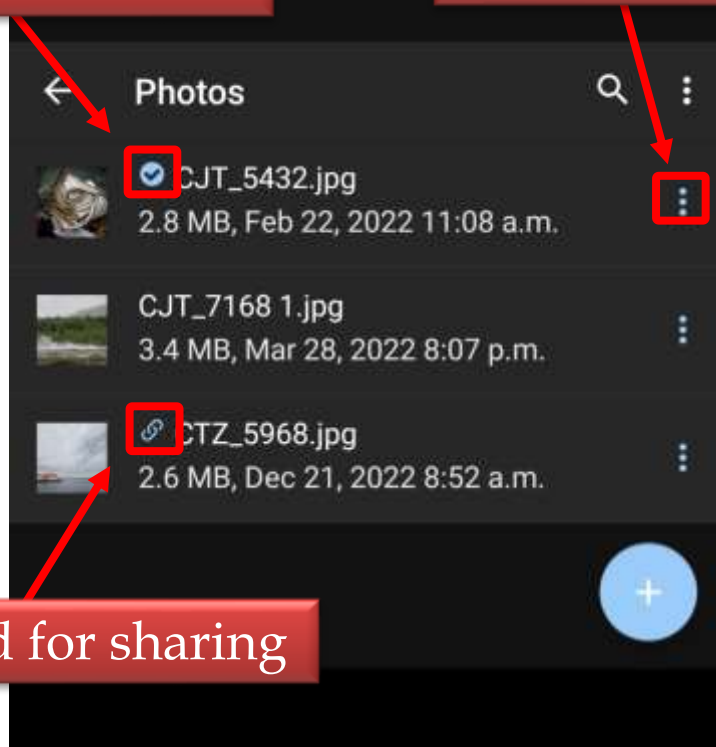
LoonieBits

Files are not stored on phone by default

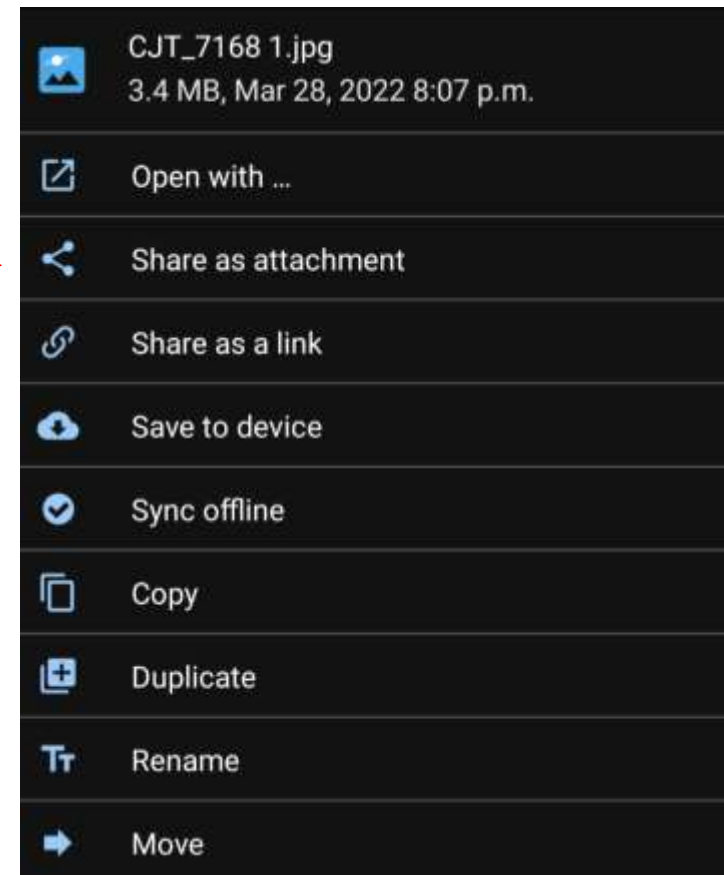
- can restrict whether files are accessible via mobile or just on WiFi
- can make a file available when offline
- can copy a file to local (non-synched) storage

File available offline

Change options for file



File linked for sharing





Deleted files

Go to folder where file used to be
Click *Show deleted files*

Deleted files kept for 30 days

- deleted files do not count against quota

Sync > Photos

Select file(s)

Name	Modified	Size
☒ CJT_5432.jpg	Feb 22, 2022 1...	2.8 MB
☐ CTZ_0629v1v1.nef.jpg	Sep 22, 2022 9...	2.2 MB
☒ CTZ_5968.jpg	Dec 21, 2022 8...	2.6 MB

2 files selected.

Purge

Restore

Click *Restore*

Click *Hide deleted files*

- to get back to normal view

Sync > Photos

Name	Modified	Size
☐ CTZ_0629v1v1.nef.jpg	Sep 22, 2022 9...	2.2 MB

Displaying 1 item

Get started bonus

Upload

New shared folder

New folder

Create file

Hide deleted files



LoonieBits

File versions

Sync does not say how many versions are kept or for how long

- versions do not count against quota

Files Vault Sharing - Events chris.taylor@opcug.ca

Sync > Working docs

Name	Modified	Size
QuickTip55-Onscreenkeyboa...	Oct 2, 2023 12...	119.3 KB

1 file selected.

- Share as link
- Preview
- Open
- Download
- Version history
- Rename
- Copy
- Duplicate
- Move
- Delete

Select file

Click Version history

Files Vault Sharing - Events chris.taylor@opcug.ca

QuickTip55-Onscreenkeyboard.docx - Version history

Name	Date	Size	
QuickTip55-Onscreenkeyboard.d... Added by chris.taylor@opcug.ca (AQUILA)	10/2/23, 12:46 ...	119.3 KB	Current version
QuickTip55-Onscreenkeyboard.d... Added by chris.taylor@opcug.ca (Web)	10/2/23, 12:45 ...	119.3 KB	Restore

All versions listed

Click a version to download

Click to restore a version



Conclusions

LoonieBits

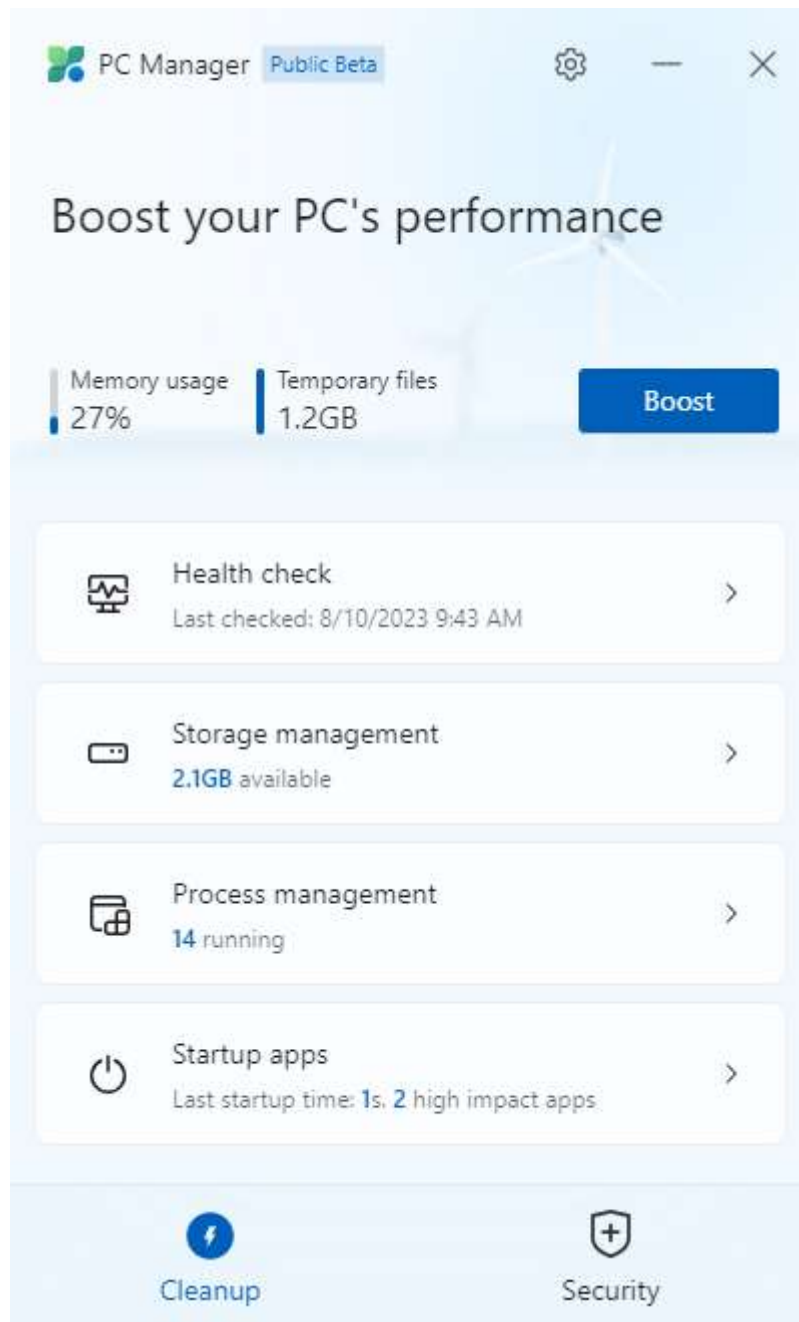
- Pretty capable cloud storage
- Hosted in Canada
- 5 GB for free – CA\$96/yr for 2 TB
- Accessible via web browser of local folders on Windows, Android, iOS, and macOS
- Recover deleted files (which don't count against quota)
- File versioning (which don't count against quota)
- Sharing of files through web links
 - **but only three links at a time in free tier**

Share

Can We Speed Up An Old Windows Computer?

- Question from a member *“My laptop... takes a while to open, and most of the time it goes in a circle...”*
- Comment from a friend *“My Windows laptop is so sl-o-w...”*

So, what can we do to speed up such machines?



Controls:

- Boost
- Health check
- Storage management
- Process management
- Startup apps
- Cleanup
- Security
- Settings

PC Manager Public Beta

Boost your PC's performance

Memory usage: 31% | Temporary files: 309MB **Boost**

- Health check
Last checked: 8/10/2023 9:43 AM
- Storage management
64.8GB available
- Process management**
17 running
- Startup apps
Last startup time: 7s, 1 high impact apps

Cleanup Security

PC Manager Public Beta

Process management

End unused processes to make your system run faster.

	Microsoft PowerPoint Memory usage: 144.5MB	End
	GlassWire Memory usage: 86.0MB	End
	Microsoft Phone Link Memory usage: 22.2MB	End
	Settings Memory usage: 19.4MB	End
	WindowsPackageManagerServer.exe Memory usage: 19.1MB	End
	DW WLAN Card Wireless Network Tray Applet Memory usage: 12.9MB	End
	Video Application Memory usage: 12.9MB	End



Process management

End unused processes to make your system run faster.



RealTimeSync - Automated
Synchronization

Memory usage: 7.5MB

End



Java Update Scheduler

Memory usage: 5.9MB

End



Stickies 10.1d

Memory usage: 3.5MB

End



Realtek HD Audio Manager

Memory usage: 2.2MB

End



Macrium Reflect Disk Imaging and
Backup

Memory usage: 2.0MB

End



Macrium Reflect UI Watcher

Memory usage: 1.7MB

End



Microsoft SharePoint

Memory usage: 1.3MB

End



PC Manager

Public Beta



Process management

End unused processes to make your system run faster.



RealTimeSync - Automated
Synchronization

Memory usage: 7.5MB

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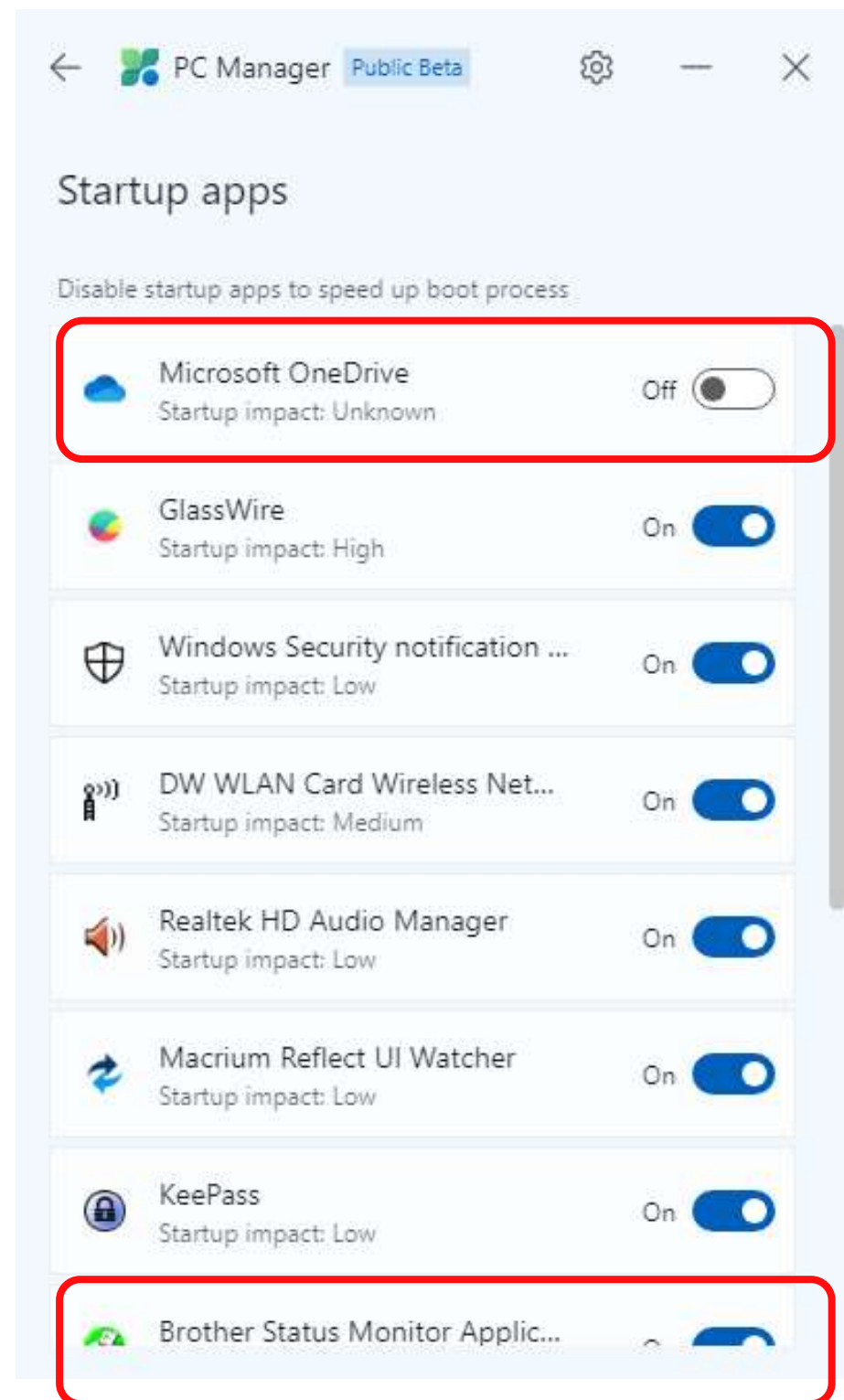
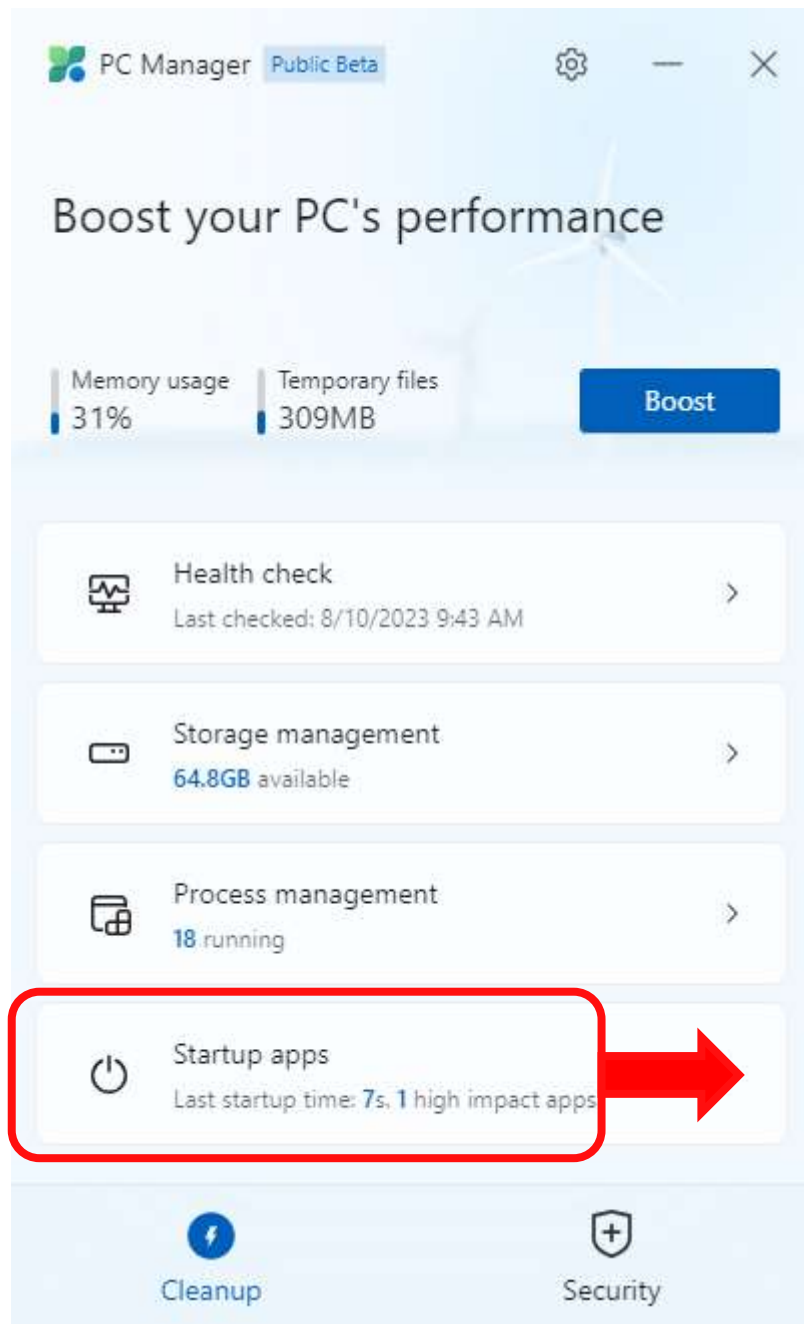
End

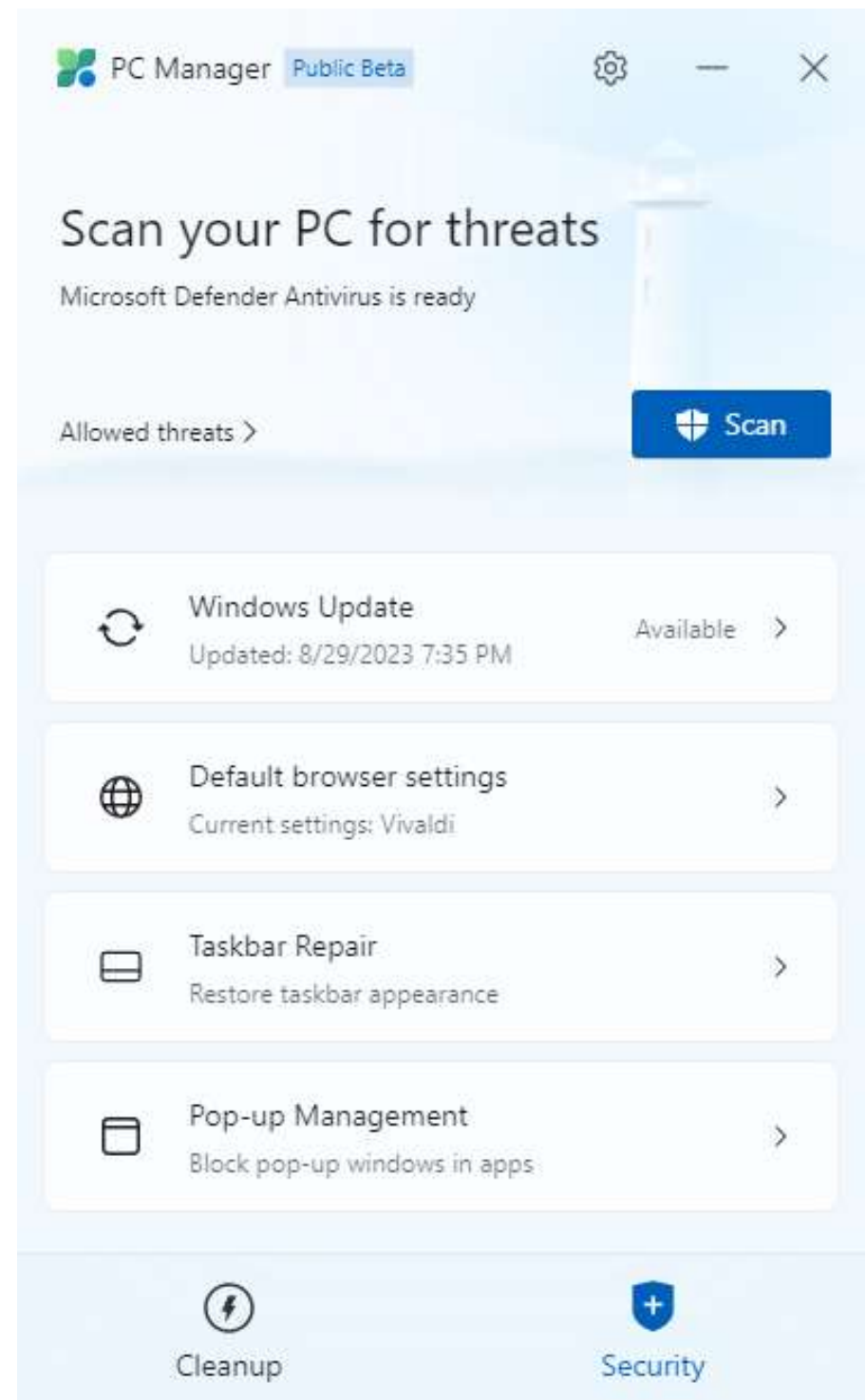
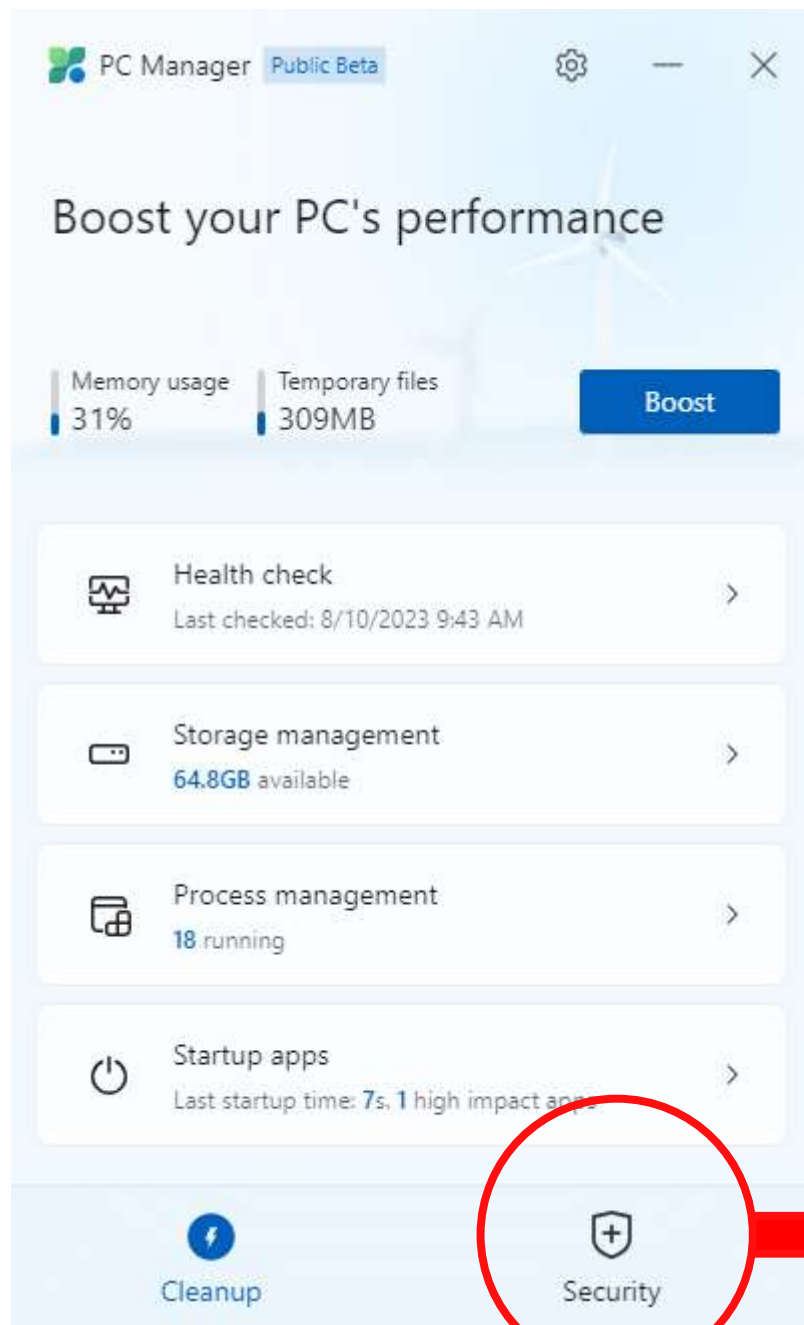


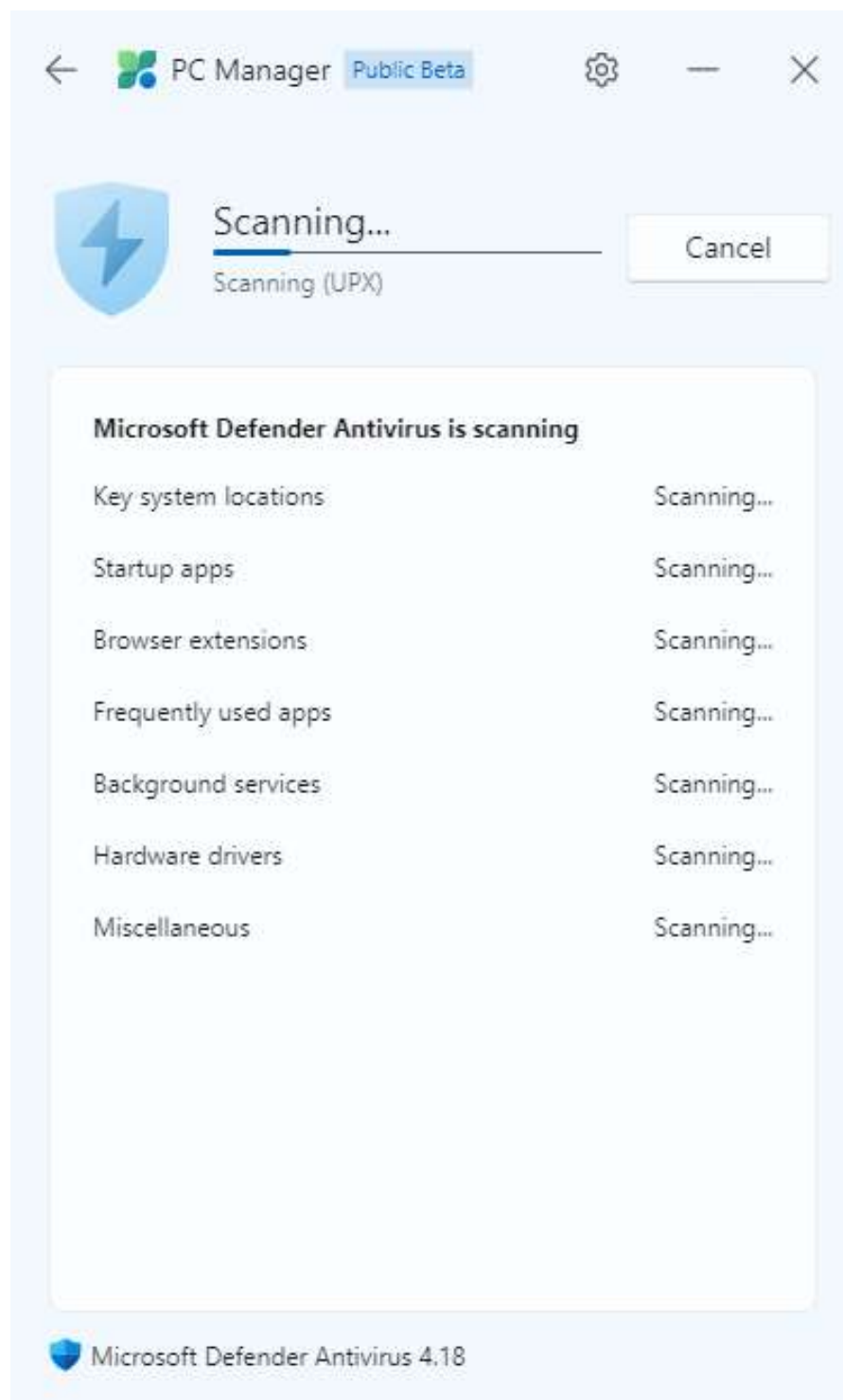
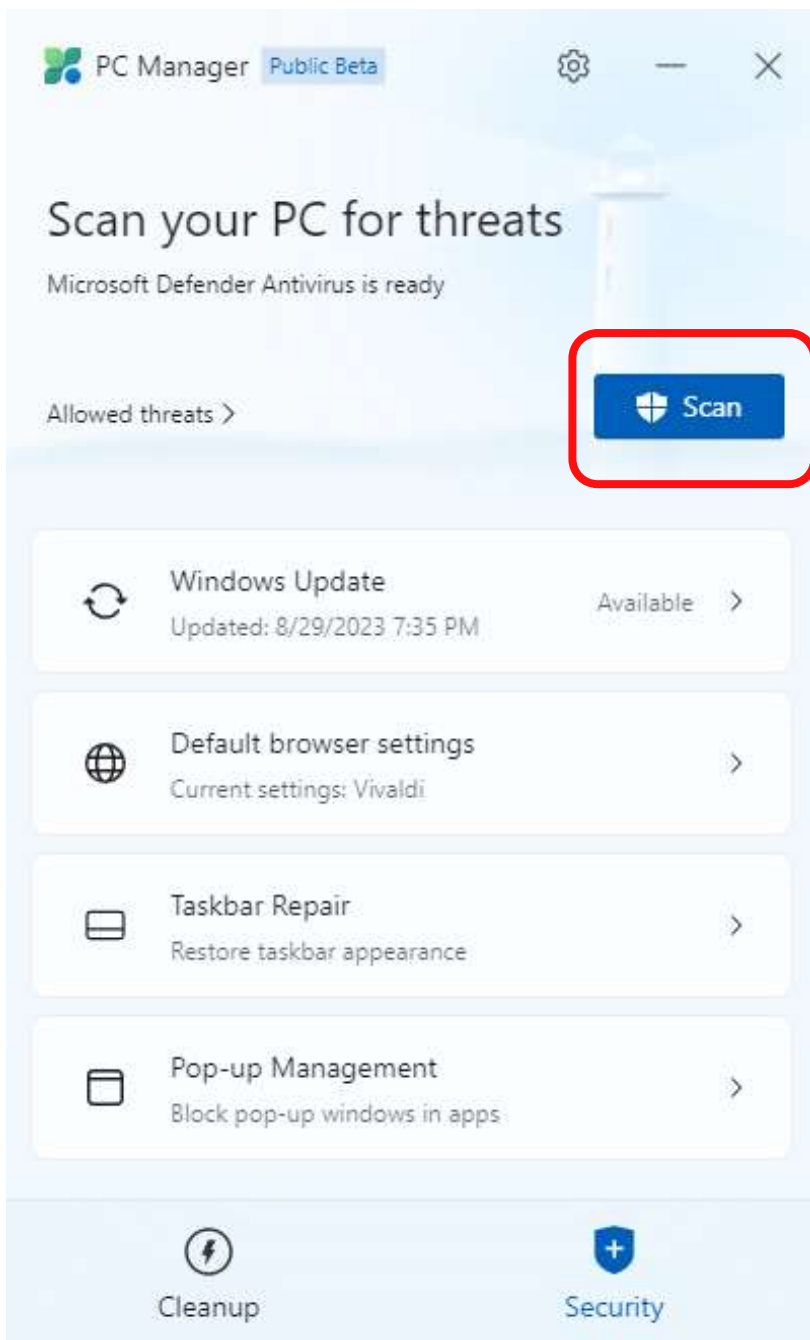
Microsoft SharePoint

Memory usage: 1.3MB

End









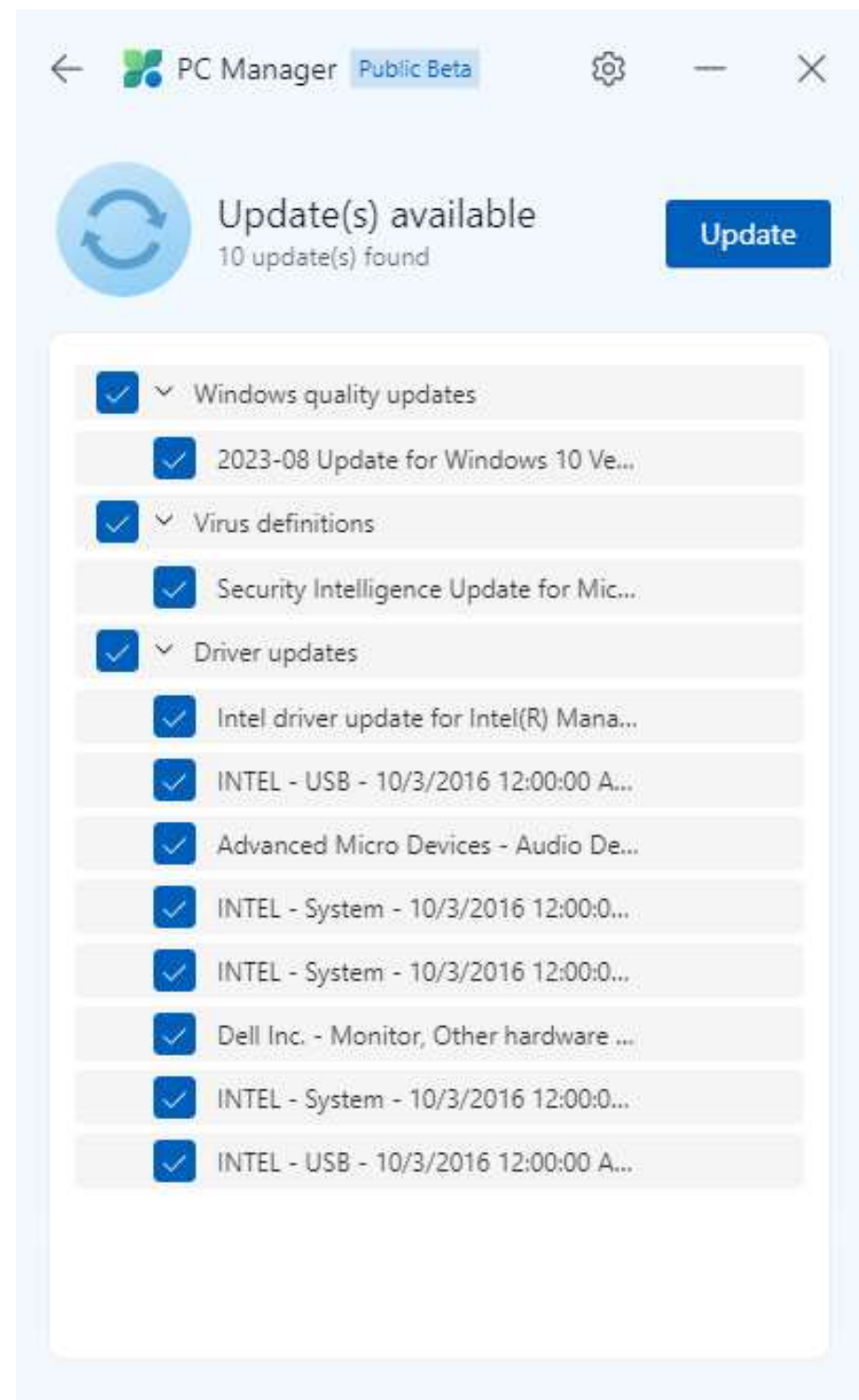
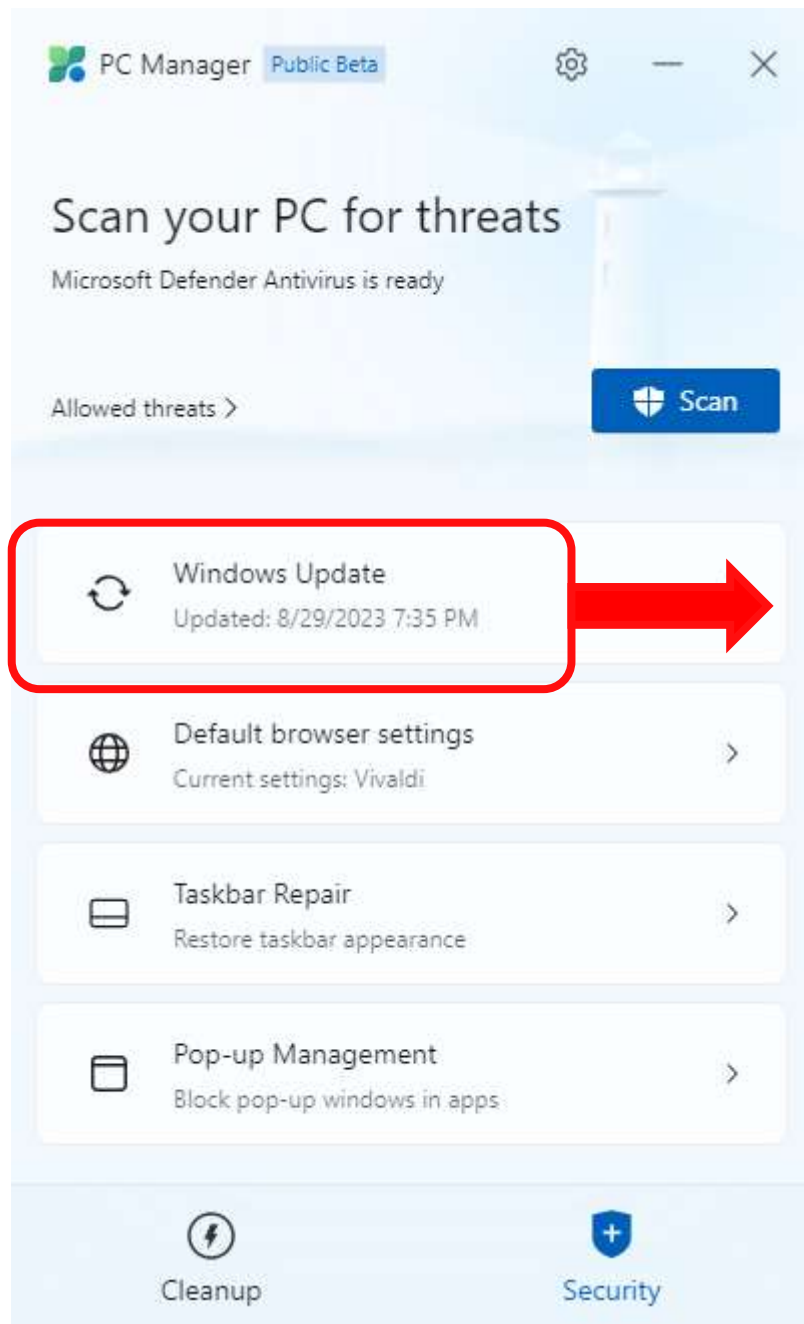
No threat found

48894 files scanned

Done

Microsoft Defender Antivirus finished scanning

Key system locations	No threat found
Startup apps	No threat found
Browser extensions	No threat found
Frequently used apps	No threat found
Background services	No threat found
Hardware drivers	No threat found
Miscellaneous	No threat found



Update & Security

Windows Update

Delivery Optimization

Windows Security

Backup

Troubleshoot

Recovery

Activation

Find my device

For developers

Windows Update



Updates available

Last checked: Today, 7:36 PM

2023-08 Update for Windows 10 Version 22H2 for x64-based Systems (KB4023057)

Status: Pending install

Install now

[View optional updates](#)



Pause updates for 7 days

Visit Advanced options to change the pause period



Change active hours

Currently 6:00 AM to 11:00 PM



View update history

See updates installed on your device



Advanced options

Additional update controls and settings

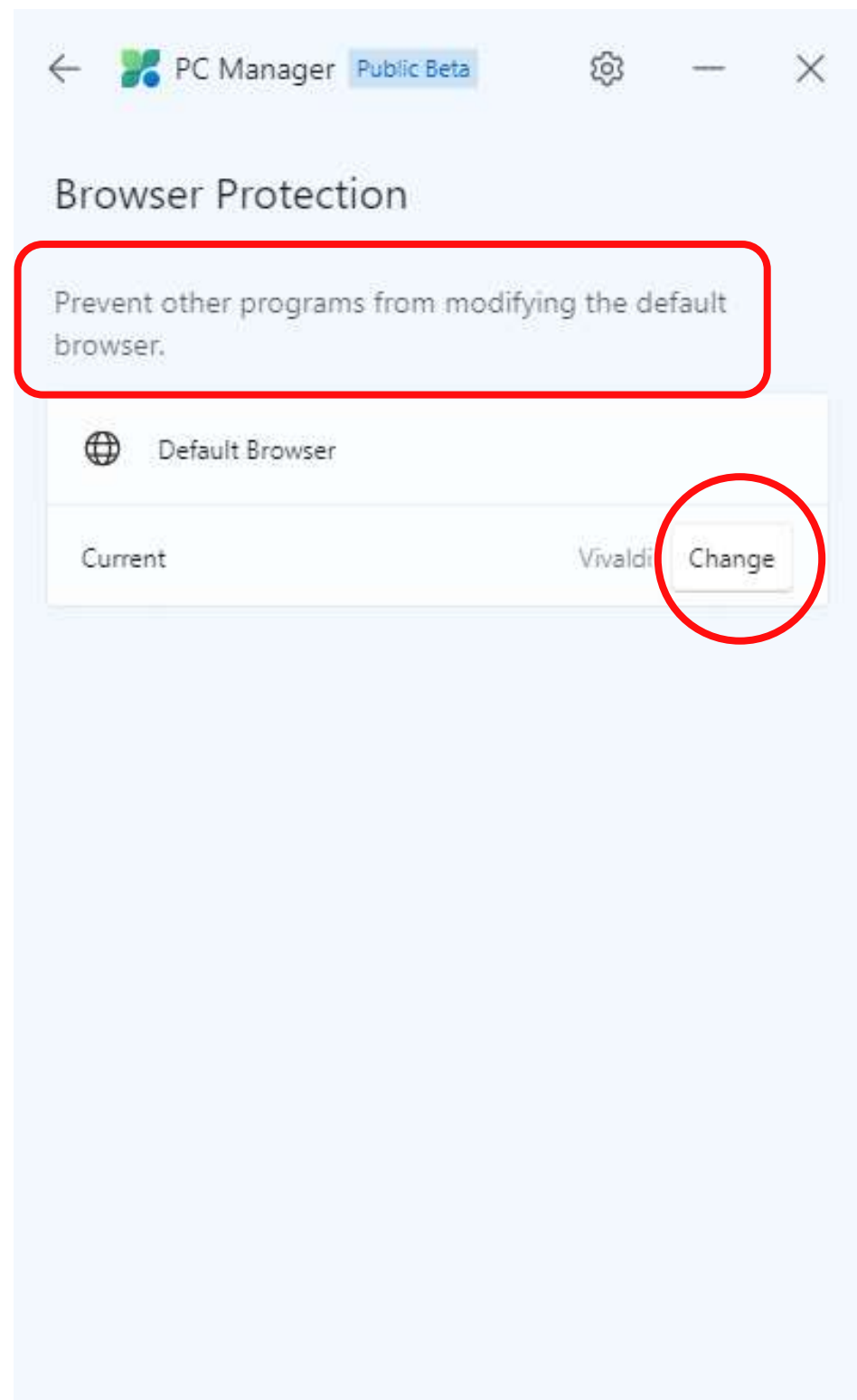
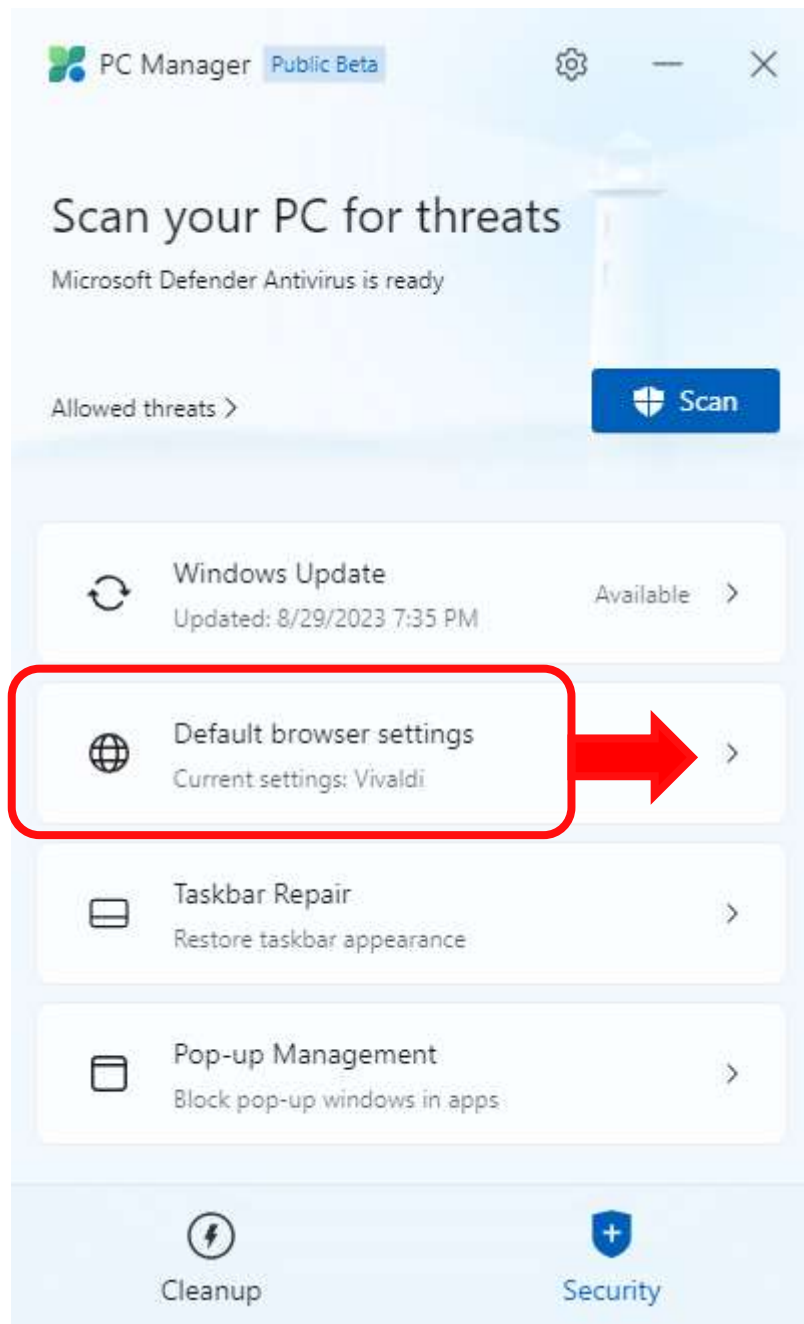


This PC doesn't currently meet the minimum system requirements to run Windows 11

Get the details and see if there are things you can do in the PC Health Check app.

[Get PC Health Check](#)

Looking for info on the latest updates?





PC Manager

Public Beta



Browser Protection

Prevent other programs from modifying the default browser.



Change default browser



 Microsoft Edge(recommend)

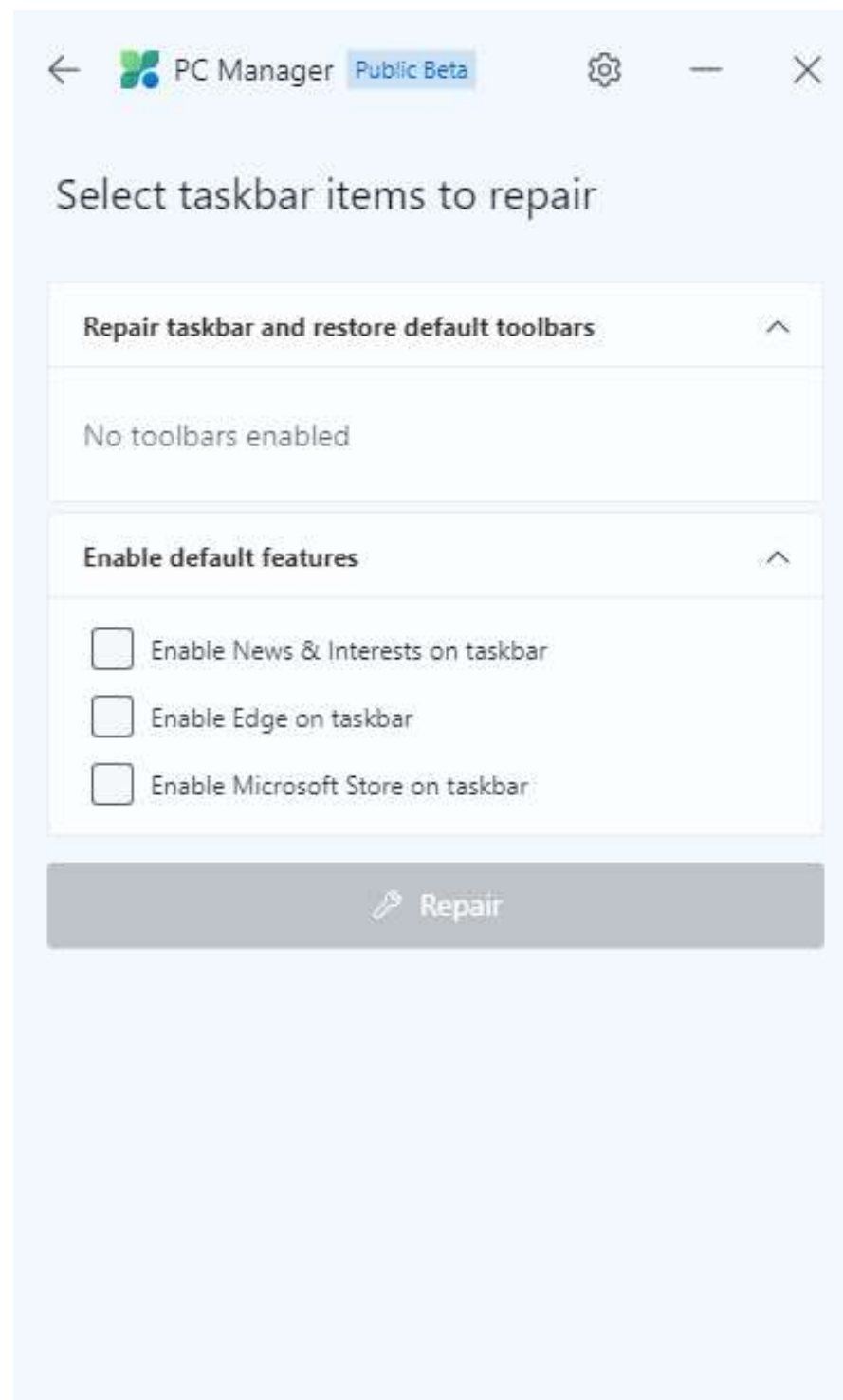
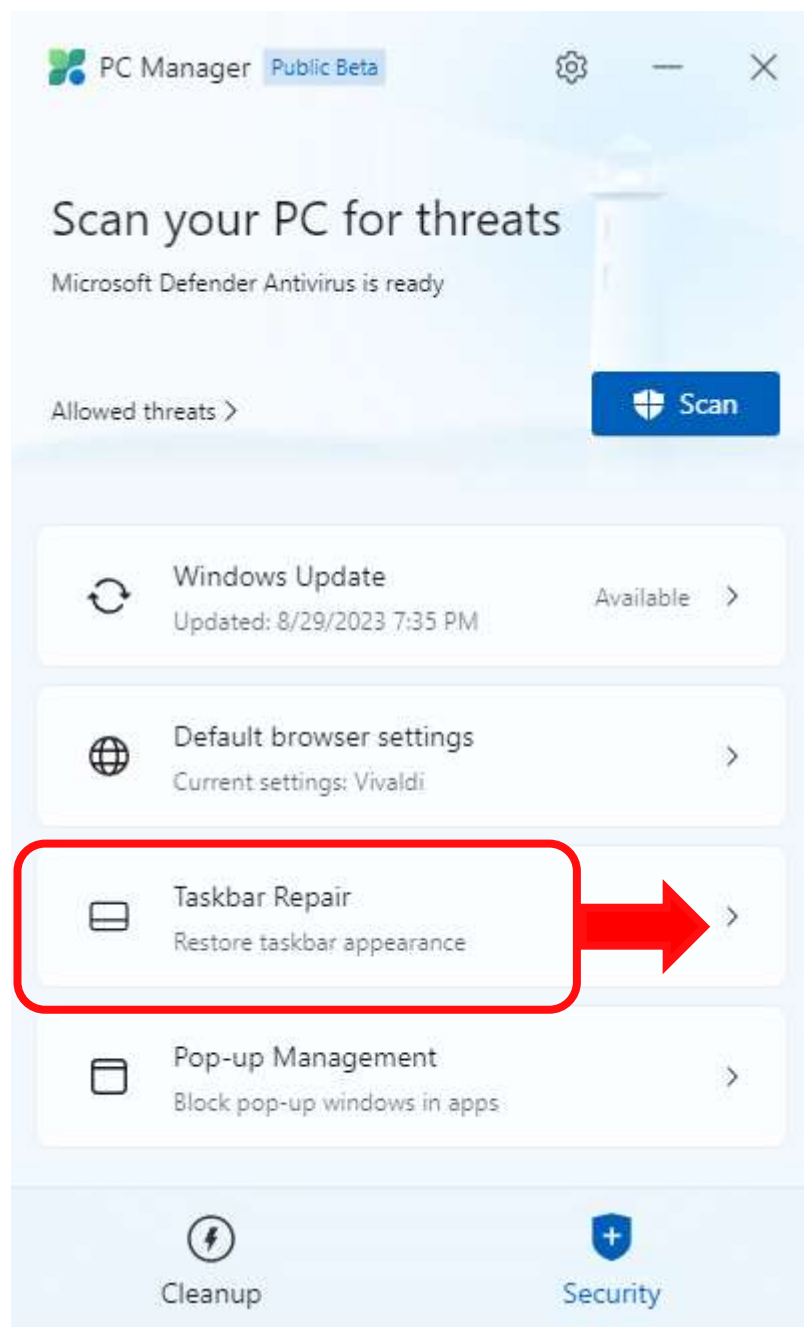


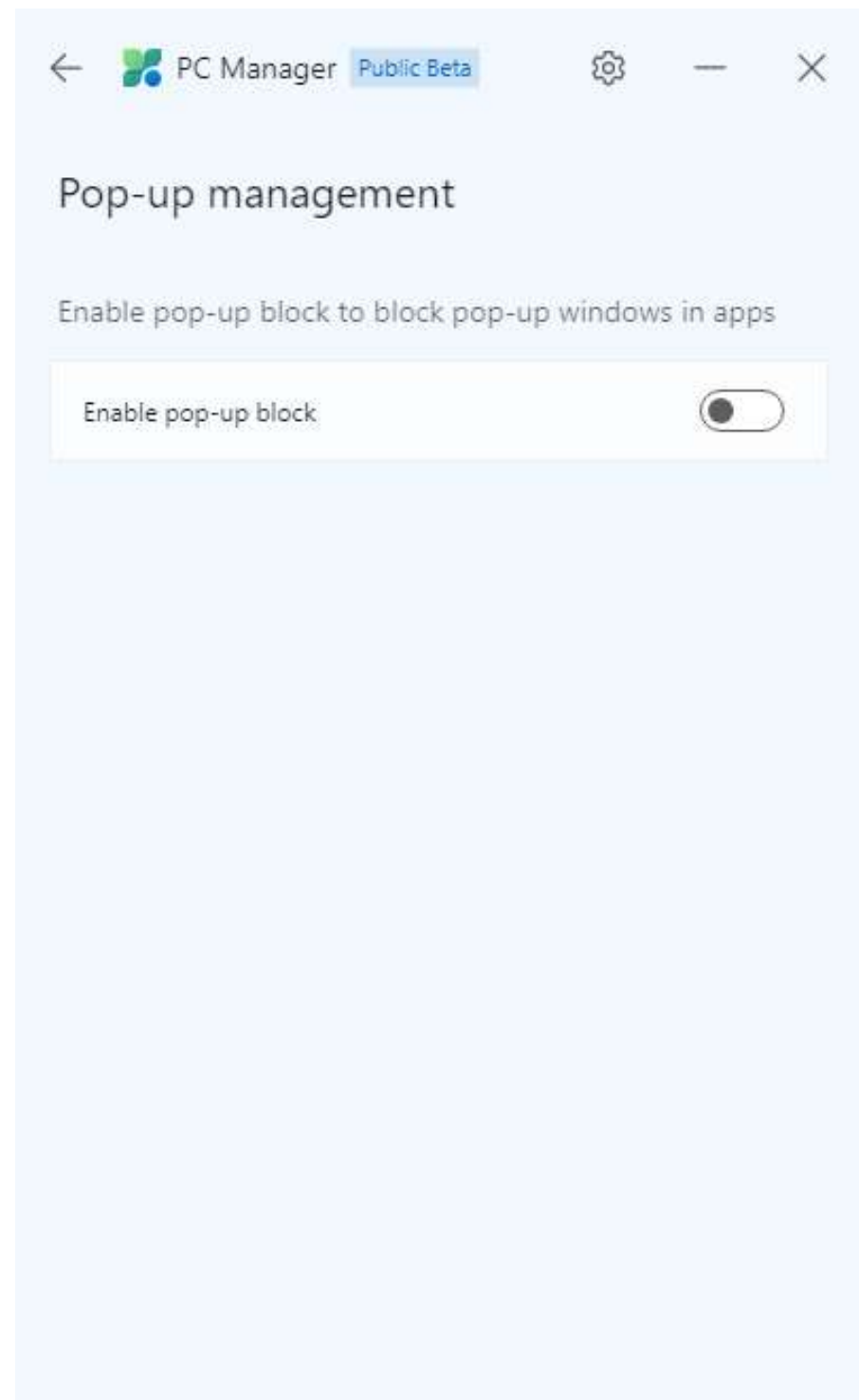
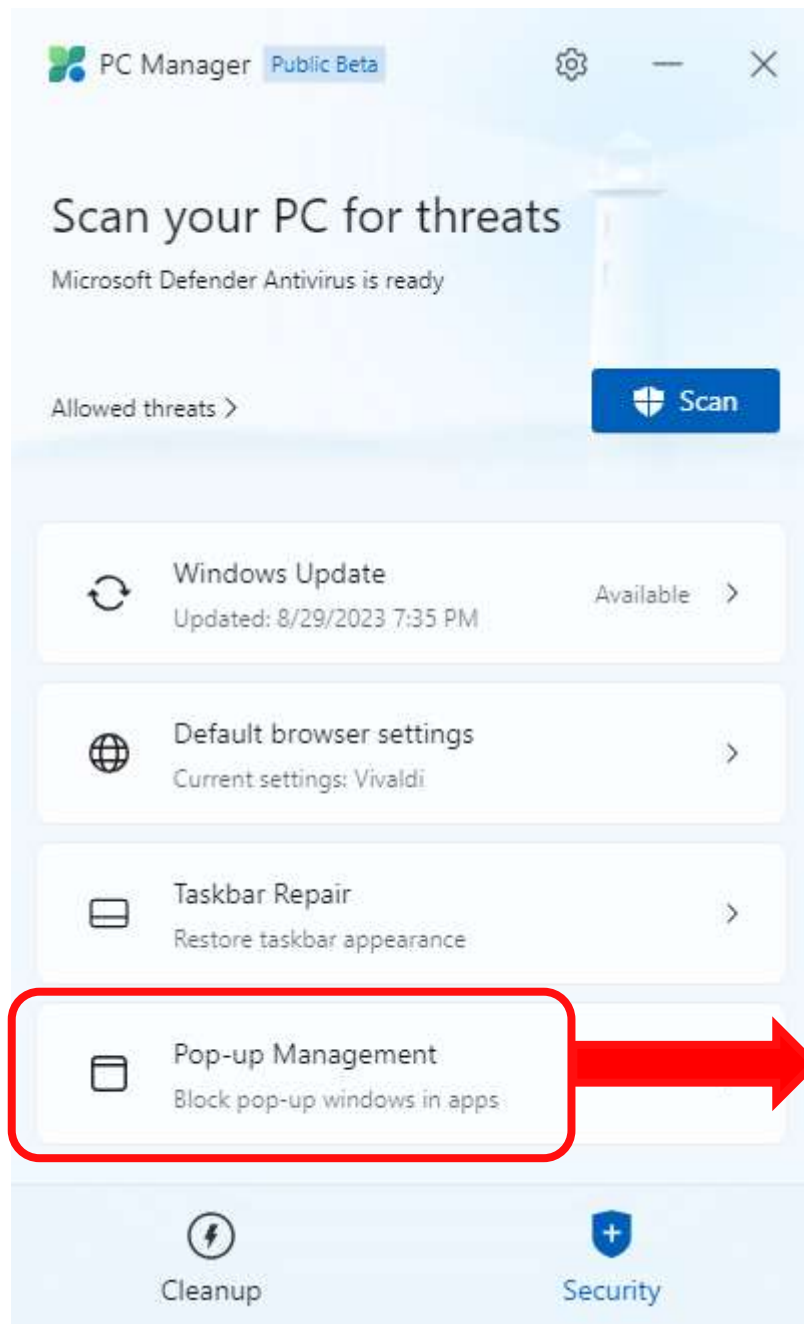
 Firefox icon Firefox

Currently, Edge, Chrome and Firefox browsers are supported, and more browser support is being added.

Confirm

Cancel





PC Manager:

- Can remove multiple files to free up disk space but still need to run Disk Cleanup/System files
- Find large files (e.g. > 10-50 MB)
- Review installed apps
- Link to Storage Sense
- Review current processes (ability to end unused)
- Link to Windows Defender (instant scan)
- Link to Windows Update (instant update)
- Change default browser (settings) => Edge!
- “Repair” taskbar
- Pop-up Management => enable pop-up block

Old Computer Specifications

- Dell XPS-8300 desktop computer
- Purchased December, 2011
- Intel Core i7-2600 CPU, 3.4 GHz
- 12 GB RAM
- 250 GB Samsung 840 EVO SSD
- Windows 10 Home 22H2
- Boot time to desktop 27 s



Cleanup Results:

Before

- Drive C: 61.6 GB free;
- Disk Cleanup 54.5 MB / 2.78 GB
- Boot to desktop 27 s

After

- Drive C: 69.6 GB free;
- Disk Cleanup 8.13 MB / 29.3 MB
- Boot to desktop 19 s

Differences

- **Additional 8 GB free disk space**
- **Boot time 8 s (30%) faster**





Boost your PC's performance

<https://pcmanager-en.microsoft.com>

An abstract graphic consisting of several overlapping, curved, translucent shapes in shades of orange, red, and yellow, creating a sense of motion and depth. The shapes are layered, with some appearing in front of others, and they have a soft, glowing effect.

**Does it work as advertised?
What do you think...?**

Where do we go from here...?



OPCUG

Windows
Performance Tune-up

Chris Taylor

Users helping users

This deck: opcug.ca/Windows

Major causes of performance problems

- CPU hogs
- Disk activity hogs
- Memory hogs
- Internet connectivity hogs
- Web browser plug-ins and caches
- Malware
- Disk clutter
- Auto starting programs
- Out-of-date drivers
- Disk indexing
- Crapware

OPCUG



<https://opcug.ca/presentations/WindowsTuneup.pdf>



**Any other:
Questions
Comments
Shares?**

October Meeting

Self-Driving Cars

Bob Walker (OPCUG)

October 11, 2023
7:30 pm





No Q&A on
October 11
(Monthly Meeting)



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca