



Alan German & Chris Taylor

Ottawa PC Users' Group

December 21, 2022

Share

Ghost Writing!

- Chris showed us how DALL•E 2 uses Artificial Intelligence (AI) to create unique graphical images



(https://opcug.ca/qa_recordings/20221116_PowerPoint.pdf)

- ChatGPT does the same thing for text!
(<https://openai.com>)

Write an essay in the style of Bruce Schneier on how ChatGPT will affect cybersecurity.

<https://www.schneier.com/crypto-gram/archives/2022/1215.html#cg22>

Write an article for the OPCUG newsletter that promotes two for one membership by March 31, 2023

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Are you interested in expanding your knowledge and skills in the world of technology? The Ottawa PC Users' Group (OPCUG) is here to help!

As a member of OPCUG, you'll have access to a wealth of resources and opportunities to learn and connect with other tech enthusiasts in the Ottawa area. And now, for a limited time, you can get two memberships for the price of one if you sign up by March 31, 2023.

<snip>

We also have special interest groups (SIGs) that meet regularly to delve deeper into specific areas of interest, such as programming, Linux, and digital photography.

<snip>

Don't miss out on this great opportunity to join OPCUG and take advantage of all the benefits of membership. Sign up for two memberships for the price of one by March 31, 2023 and start learning, connecting, and growing with us today!

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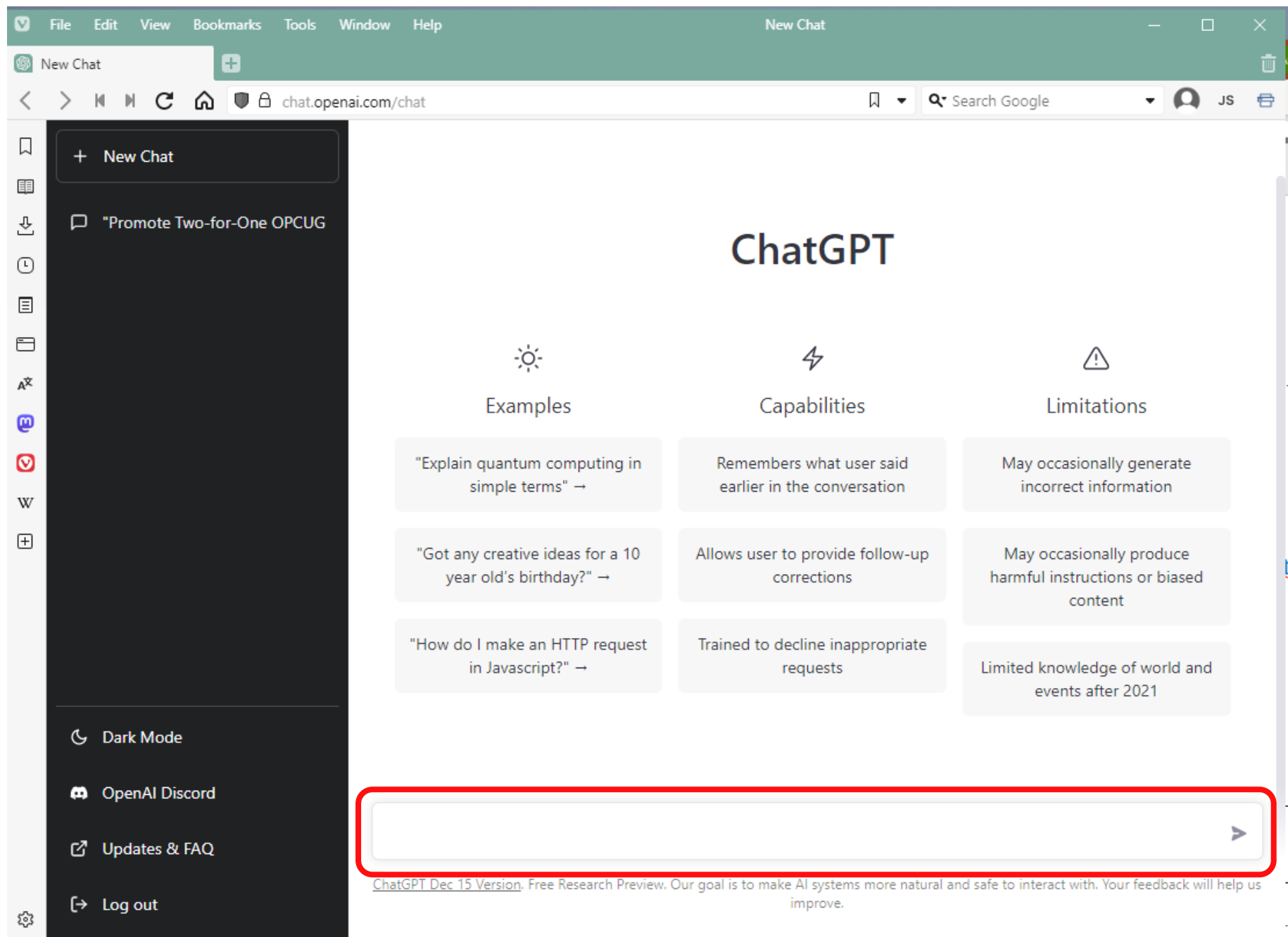
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<https://chat.openai.com/chat>

Follow-up

Hacking cars

- Q&A 2022-12-07
 - I was a little surprised
- Bruce Schneier (security guru) wasn't
 - *Cars are just computers with four wheels and an engine. It's no surprise that the software is vulnerable, and that everything is connected.*
- Schneier's *Crypto-Gram* monthly newsletter is **highly** recommended for anyone interested in security

[Share](#) Why secure coding is important

- With only the VIN (Vehicle Identification Number)
 - VIN is viewable on the windshield!!
 - unlock the door, honk, flash lights, & start car
 - any remotely connected Honda, Nissan, Infiniti, & Acura
 - remote vehicle management by SiriusXM
 - a satellite music provider offers remote vehicle management services??
 - vulnerability did not require a SiriusXM subscription
 - could enroll any vehicle



<https://twitter.com/samwcyo/status/1597792097175674880>
<https://www.hackread.com/honda-nissan-app-flaw-cars-vin/>



Share

Apple Pencil (2nd gen)

- Apple Canada's price - \$169
 - Really?!?!?
 - Best Buy, Staples, The Source - same price
- Zspeed 2nd Generation Stylus for iPad
 - Amazon Canada - \$27



Special for iPad 2018-2022 versions

iPad Mini 5/6 Gen

A2133/A2124/A2126/A2125
A2567/A2569

iPad 6/7/8/9 Gen

A1893/A1954
A2197/A2198/A2200
A2270/A2428/A2429/A2430
A2602/A2605

iPad Air 3/4/5 Gen

A2152/A2123/A2153/A2154
A2072/A2324/A2316/A2325
A2588/A2589/A2591

iPad Pro 11in 1/2/3 Gen

A1980/A2013/A1934/A1979
A2228/A2068/A2030/A2231
A2460/A2301/A2459/A2377

iPad Pro 12.9in 3/4/5 Gen

A1876/A2014/A1895/A1983
A2229/A2233/A2069/A2232
A2378/A2461/A2379/A2462



Not work for iPad Pro 1st&2nd, iPad Pro 10.5", iPad Pro 9.7", iPhone, Android and Microsoft Devices

Stewart Bruce:

It seems to work OK for me and for the price compared to an official Apple Pencil, it's great!

<https://www.amazon.ca/Zspeed-Rejection-Drawing-Handwriting-Compatible/dp/B07WYL5ZP6>

Share

Free stuff!



- Post seen on TrashNothing site
 - site with things people request or give away
 - all free
- Someone giving away six Raspberry Pi 1's
- Unfortunately, all now gone
- But you might want to check out site for other free stuff!
 - or to get rid of stuff you don't need



<https://trashnothing.com/>



File Preview

File Explorer window showing the 'Truck_Convoy' folder. The ribbon includes 'File', 'Home', 'Share', 'View', and 'Picture Tools'. The 'View' tab is active, showing options for 'Extra large icons', 'Large icons', 'Medium icons', 'Small icons', 'List', and 'Details' (selected). The 'Current view' section shows 'Sort by' and 'Group by' options. The 'Show/hide' section has checkboxes for 'Item check boxes', 'File name extensions', and 'Hidden items'.

Navigation pane: Quick access, Dropbox, OneDrive - Personal, This PC, 3D Objects, Desktop, Documents, Downloads, Music, Pictures, Videos.

Address bar: This PC > DataDisk (D:) > nikon > Truck_Convoy

Name	Date	Size
20220207_144058...	2022-02-07 2:40 PM	4,543 KB
20220207_144107...	2022-02-07 2:41 PM	4,089 KB
20220207_144328...	2022-02-07 2:43 PM	3,717 KB
20220207_144415...	2022-02-07 2:44 PM	4,002 KB
20220207_144429...	2022-02-07 2:44 PM	3,813 KB
20220207_144629...	2022-02-07 2:46 PM	3,105 KB
20220207_144742...	2022-02-07 2:47 PM	4,347 KB
20220207_144902...	2022-02-07 2:49 PM	3,298 KB
20220207_145016...	2022-02-07 2:50 PM	3,706 KB
20220207_145030...	2022-02-07 2:50 PM	3,606 KB
20220207_145128...	2022-02-07 2:51 PM	3,319 KB
20220207_145354...	2022-02-07 2:53 PM	4,052 KB

File Home Share View **Manage** Truck_Convoy

Navigation pane Preview pane Details pane

Extra large icons Large icons Medium icons Small icons List Details

Sort by Group by Add columns Size all columns to fit

Item check boxes File name extensions Hidden items Hide selected items Options

← → ↕ ↑ This PC > DataDisk (D:) > nikon > Truck_Convoy Search Truck_Convoy

★ Quick access

Dropbox

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

Videos

Windows 10 (C:)

DataDisk (D:)

8GBSDCARD (S:)

8GBSDCARD (S:)

Network

20220207_144429.jpg



20220207_144742.jpg



20220207 145016.ipq

20220207_144629.jpg



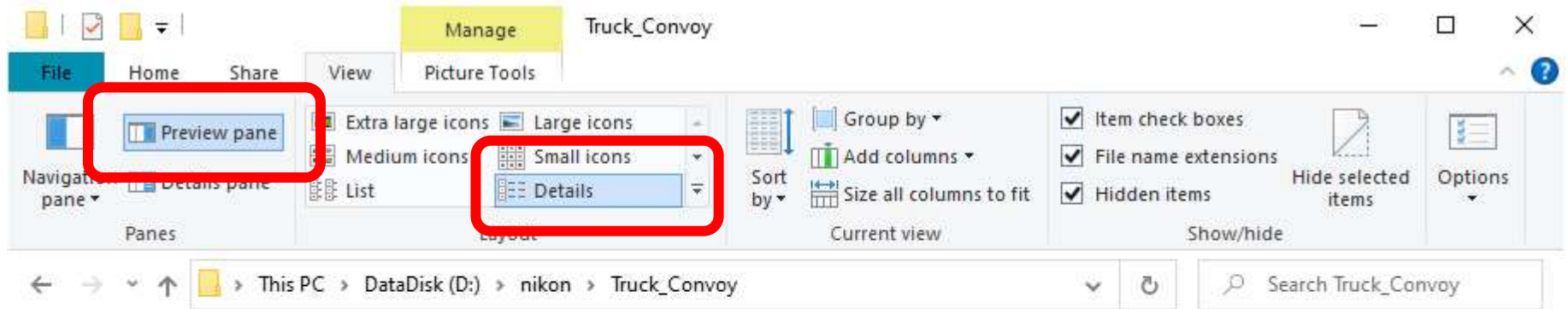
20220207_144902.jpg



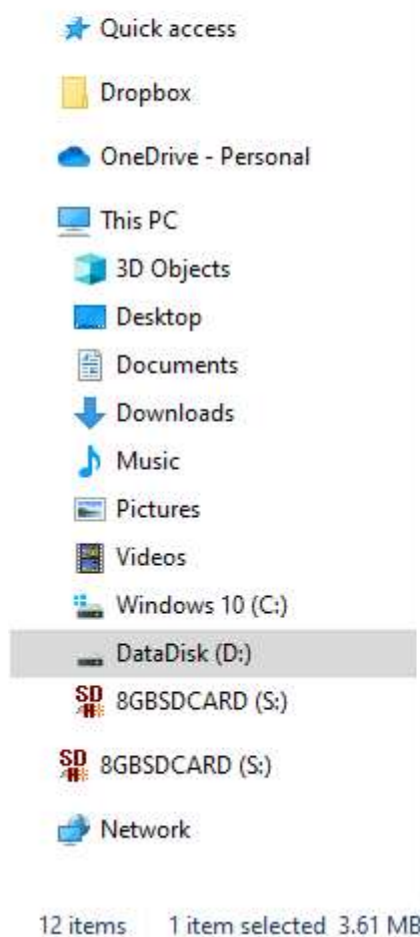
20220207 145030.ipq

12 items





View - Preview pane



File Home Share View **Manage** Truck_Convoy

Navigation pane Preview pane Details pane

Extra large icons Large icons Medium icons Small icons List Details

Sort by Group by Add columns Size all columns to fit

Item check boxes File name extensions Hidden items Hide selected items Options

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★ Quick access

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OneDrive - Personal

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☐	20220207_145354...	2022-02-07 2:53 PM	4,052 KB



12 items 1 item selected 3.61 MB





Search Tools *.xlsx - Search Results in DataDisk (D:)

File Home Share View Search

Current folder All subfolders This PC Search again in Location

Kind Size Other properties Date modified Refine

Recent searches Advanced options Save search Open file location Close search Options

Search Results in DataDisk (D:) *.xlsx

Quick access

Dropbox

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

Videos

Windows 10 (C:)

DataDisk (D:)

8GBSDCARD (S:)

8GBSDCARD (S:)

Network

45 items | 1 item selected 100 KB

	Membership_2022_Sep.xl...	Size: 34.8 KB
	Date modified: 2022-10-04 3:52 PM	
	ATIP_Comm_Log.xlsx	Size: 18.8 KB
	Date modified: 2022-08-23 9:06 AM	
☒	TC09-126-Example.xlsx	Size: 100 KB
	Date modified: 2022-08-12 2:55 PM	
	StudentPapers2022.xlsx	Size: 10.8 KB
	Date modified: 2022-04-26 11:41 AM	
	VINdecoder_makes.xlsx	Size: 1.63 MB
	Date modified: 2022-04-14 4:48 ...	Authors: admin
	INSTRUMENTATION ABR...	Size: 51.1 KB
	Date modified: 2022-02-13 10:49 AM	
	email_addresses_27dec2...	Size: 31.2 KB
	Date modified: 2022-02-11 10:3...	Authors: toaster
	map_postcodes.xlsx	Size: 2.19 MB
	Date modified: 2021-07-01 11:35 AM	
	accident1976.xlsx	Size: 6.72 MB
	Date modified: 2020-07-09 4:51 PM	
	accident2011.xlsx	Size: 6.99 MB

	A	B
1	T_10000_0	11CHST0000HFDSXA
2	-0.01	0.00693259
3	-0.0099	0.009066152
4	-0.0098	-0.006471275
5	-0.0097	-0.024178021
6	-0.0096	-0.033325436
7	-0.0095	-0.035593472
8	-0.0094	-0.033651418
9	-0.0093	-0.025018431
10	-0.0092	-0.007101164
11	-0.0091	0.014060038
12	-0.009	0.023460493
13	-0.0089	0.0109857
14	-0.0088	-0.015802398
15	-0.0087	-0.037704117
16	-0.0086	-0.040428391
17	-0.0085	-0.023978322
18	-0.0084	-0.000692294
19	-0.0083	0.015911558
20	-0.0082	0.022451556
21	-0.0081	0.023458537

File Home Share View

Navigation pane Preview pane Details pane

Extra large icons Large icons Medium icons Small icons List Details

Sort by Group by Add columns Size all columns to fit

Item check boxes File name extensions Hidden items Hide selected items Options

← → ↕ ↑ This PC > DataDisk (D:) > alan > opcug > presentations Search presentations

Quick access

Dropbox

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

Videos

Windows 10 (C:)

DataDisk (D:)

8GBSDCARD (S:)

8GBSDCARD (S:)

Network

Name

documents

graphics

wp

2022-09-28-Q&A.pptx

2022-10-05-Q&A.pptx

2022-10-19-ComputerBasics-ClosingPrograms.pptx

2022-10-19-Share-ReplyTo.pptx

Chris_Rogers_Ignite_security.pptx

Q&A.pptx

Q&A_addons.pptx

Q&A_Index.txt

Q&A-Template.potx

reminder.txt

tips_tricks_traps_10.pptx

☒ z_FilePreview.pptx

z_graphics.pptx

z_router_security.pptx

z_snap_disable.pptx

z_startscreen.pptx

z_startup_apps.pptx

21 items 1 item selected 1.10 MB

COMPUTER BASICS File Preview

File Preview

File Name	Size	Modified
2022-09-28-Q&A.pptx	1.10 MB	2022-09-28 14:00:00
2022-10-05-Q&A.pptx	1.10 MB	2022-10-05 14:00:00
2022-10-19-ComputerBasics-ClosingPrograms.pptx	1.10 MB	2022-10-19 14:00:00
2022-10-19-Share-ReplyTo.pptx	1.10 MB	2022-10-19 14:00:00
Chris_Rogers_Ignite_security.pptx	1.10 MB	2022-10-19 14:00:00
Q&A.pptx	1.10 MB	2022-10-19 14:00:00
Q&A_addons.pptx	1.10 MB	2022-10-19 14:00:00
Q&A_Index.txt	1.10 MB	2022-10-19 14:00:00
Q&A-Template.potx	1.10 MB	2022-10-19 14:00:00
reminder.txt	1.10 MB	2022-10-19 14:00:00
tips_tricks_traps_10.pptx	1.10 MB	2022-10-19 14:00:00
z_FilePreview.pptx	1.10 MB	2022-10-19 14:00:00
z_graphics.pptx	1.10 MB	2022-10-19 14:00:00
z_router_security.pptx	1.10 MB	2022-10-19 14:00:00
z_snap_disable.pptx	1.10 MB	2022-10-19 14:00:00
z_startscreen.pptx	1.10 MB	2022-10-19 14:00:00
z_startup_apps.pptx	1.10 MB	2022-10-19 14:00:00

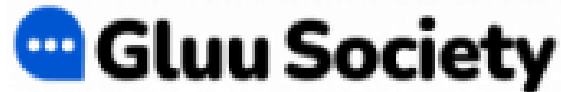


**We can (probably) help but,
what is that you need to
know about computers?**

SuggestionBox@opcug.ca



How to be Unscammable



- Well, I am not sure I *totally* believe that headline!
- Gluu - Canadian non-profit organization
 - focused on ensuring older adults have a better way to learn digital skills
 - printed materials, online courses, live online events, workshops, volunteer training, and volunteer support
 - all materials are free of charge and are advertising-free



How to be Unscammable

- GluuYou security courses on YouTube
 - over 3 hours total over 10 episodes
 - Secure your home network
 - Secure your smart devices
 - All about the dark web
 - Manage your passwords
 - Secure your email
 - Avoid scams & social hacking
 - Protect your identity
 - Protect your devices
 - Surf the web safely
 - Secure your apps & online accounts



How To Be Unscammable

A brand new series to help older adults
stay one step ahead of cybercriminals

<https://www.youtube.com/@gluuyou>



Gluu

- Gluu - Canadian Nonprofit Organization
 - better way to learn digital skills for older adults
 - printed materials, online courses, live online events, workshops, volunteer training, and volunteer support
 - free of charge & advertising-free
- Not sure how active they are
 - signed up after John Fleming told me of it (Feb 2022)
 - thanks John!
 - no way to sign in at site
 - have seen nothing new...until email Dec 7
 - but the 10-episode course *Unscammable* pretty good!

<https://gluusociety.org>

Also, check our *Fraud Watch* page



[HOME](#) [MEETINGS](#) [NEWSLETTERS](#) [REVIEWS](#) [Q&A](#) [FRAUD WATCH](#) [OPL PRESENTATIONS](#) [DIGITAL PHOTOGRAPHY](#) [JOIN OR RENEW](#) [GOOGLE GROUPS](#)

FRAUD WATCH

CHECK OUT THE LATEST SCAMS (UPDATED DECEMBER 11, 2022)



Welcome to our Fraud Watch page. Here you will find information on fraud and scams, and how to spot them. We provide links to official websites that show the numerous ways online thieves are trying to steal your money and/or identity, and websites that can help you prevent fraud or coach you if you become a victim.

No matter how careful we think we are, scammers try to get the upper hand. They prey on our fears and anxieties with scare tactics that can hinder our better judgment. They try to trick us with email attachments that install malware on our computer, or send us links to fake web pages that steal our usernames and passwords.

Be wary of emails, SMS texts, letters, and phone calls from individuals and companies you don't know, or messages that are unexpected. Be especially careful with "important" messages using

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



GIFT CARD SCAM

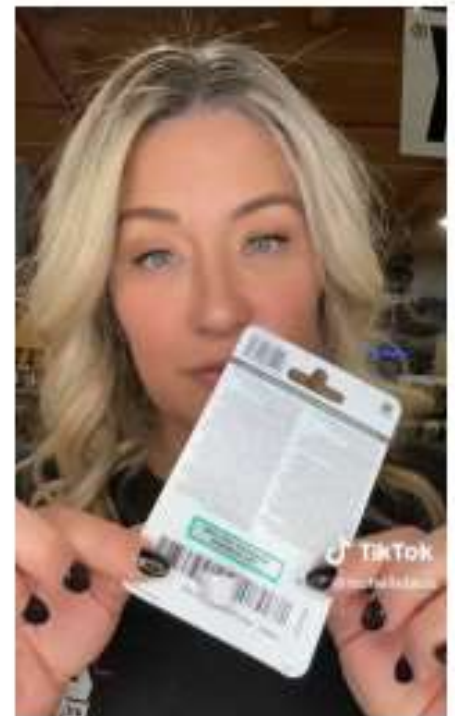
Fake stickers covering
barcode at back

Gift Card Scam

Buying gift cards as Christmas presents? Watch out for a recent scam involving fake bar code stickers being added to gift cards in stores. The gift card may be for Brand A, but when you go the store checkout, and the cashier scans the barcode, it shows up as Brand B. Close inspection of the barcode reveals that it is actually a sticker placed on top of the legitimate bar code for the card. The fake barcode uses your purchase to add money to the gift card for Brand B – which is the scammer's card not yours!

See: [Former police officer warns of scams involving tampered gift cards at retailers](#)

Image courtesy of: Nichelle Laus
<https://tinyurl.com/bdzswmeh>





GRANDPARENT SCAM

Caller wants money for
grandchild in trouble

Grandparent Scam

Ring-ring...

You - Hello?

Caller – Grandma/grandpa I need your help

You – Johnnie, is that you?

Caller – Yes it is. I'm in XXX and have been arrested.

I need you to wire \$YYYY for bail money.

You – I don't have a grandson named Johnnie. Nice try loser!

If you give your real grandchild's name, be assured that this will be who is said to be calling. The call has all the hallmarks of a scam. A voice on the phone, a loved one in trouble, urgent action required, send money, now! Stop. Think. Hang up, call your grandchild, or their parents. Your grandchild will be at home or with friends – and almost certainly not in jail!

See: [Toronto woman charged in 'grandparent scam' after senior scammed out of almost \\$10,000](#)

[Grandparent scam victim speaks out to Global News then gets money back](#)

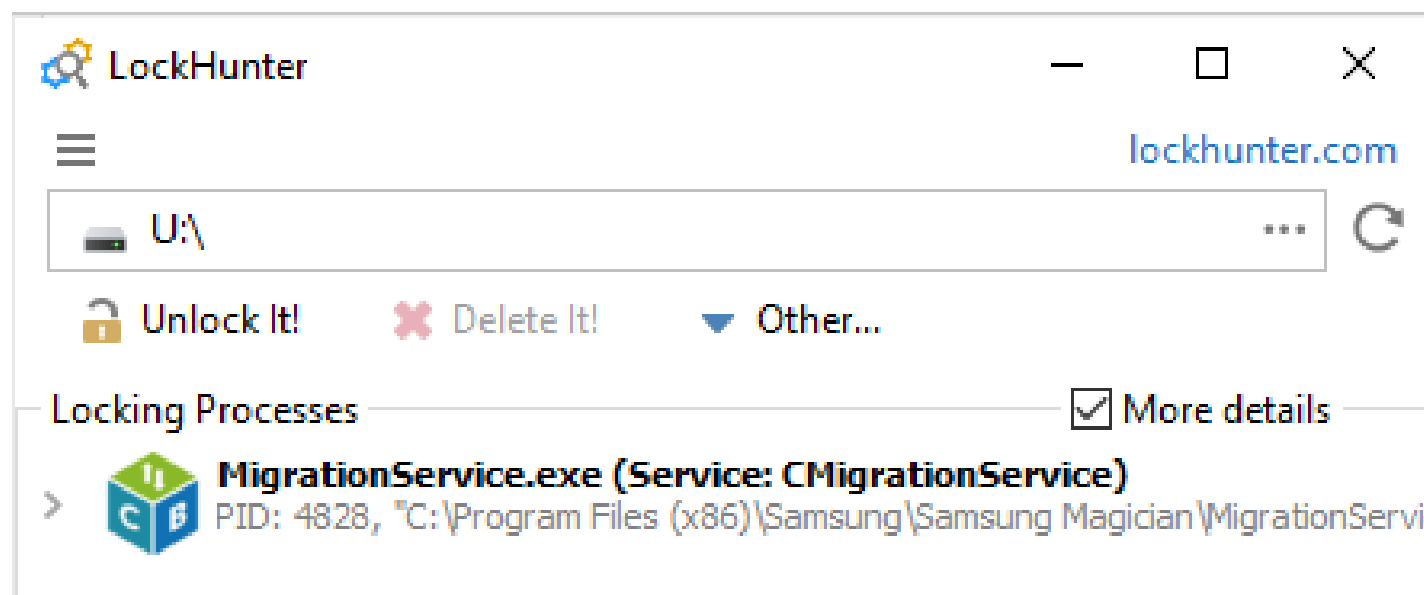
Share

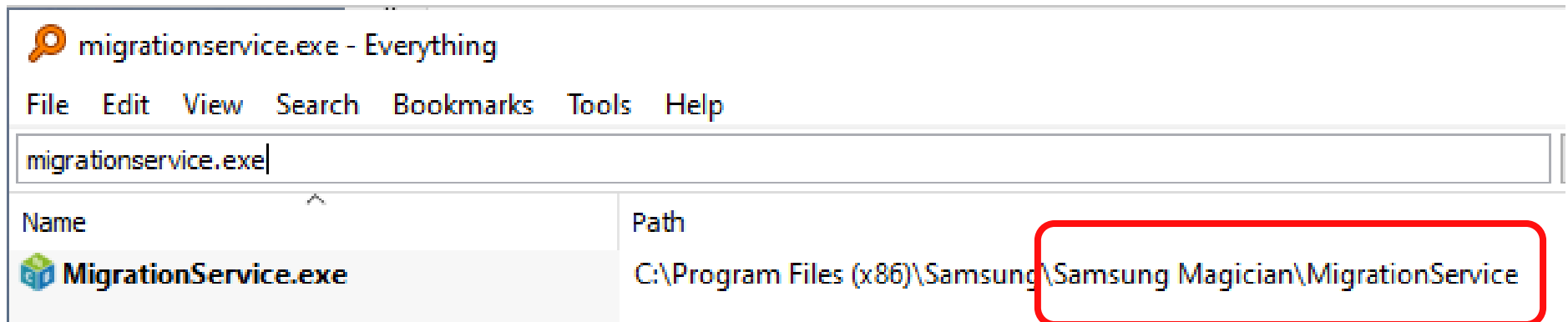
A tale of (r)ejection



Share

A tale of (r)ejection





SSD Magician Software

It's not magic.
It's software.

Find a setting

Apps

Apps & features

Default apps

Offline maps

Apps for websites

Video playback

Startup

Startup



QuickSet
Dell Inc.

☒ On
Low impact



Raptr Desktop App
Raptr, Inc

☐ Off
No impact



Realtek HD Audio Manager
Realtek Semiconductor

☒ On
Low impact



Samsung Easy Eco Driver - Core Module
Samsung Electronics Co., Ltd.

☒ On
High impact



Skype
Skype

☐ Off
No impact



Stickies 10.1c
Zhorn Software

☒ On
Medium impact



Waves MaxxAudio Service Application
Waves Audio Ltd.

☒ On
Low impact



Windows Security notification icon
Microsoft Corporation

☒ On
Low impact



Icon for the application highlighted in red

☒ On
Not measured



Help from the web

[Adding app to startup](#)

[Get help](#)

[Give feedback](#)



alejr

AskWoody MVP

November 29, 2022 at 6:43 am

#2502028

Aha!

According to the Samsung Magician 7 installation guide, page 2 (Revision History), Data Migration was added to v7.1.3 in Sep 2022.

Your discovery may explain why, after my Samsung Magician upgraded itself in Sep, it "often" crashed when I tried to run it.

Suggested fixes:



BretAB Astronaut

My solution: Open services.msc and set CMigrationService to StartupType=Manual and reboot.

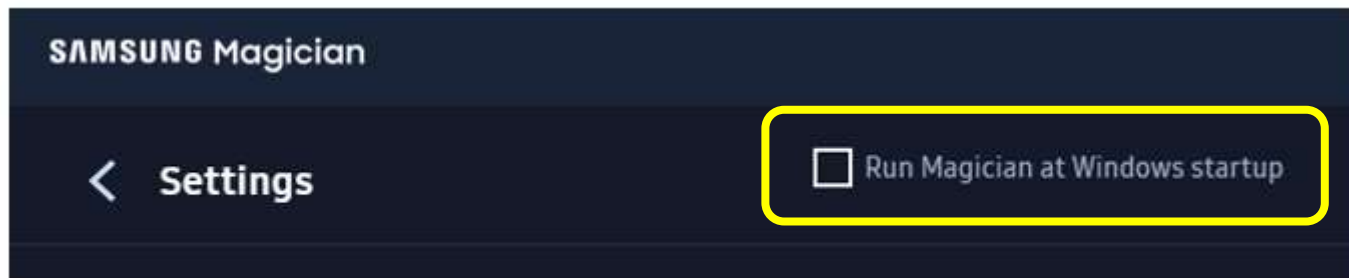
alejr

AskWoody MVP

I "downgraded" it back to v6.2.1.260 from my downloads backup disk, disabled the auto-update feature, and haven't had any problems with it since.

My system has Version 7.2.0

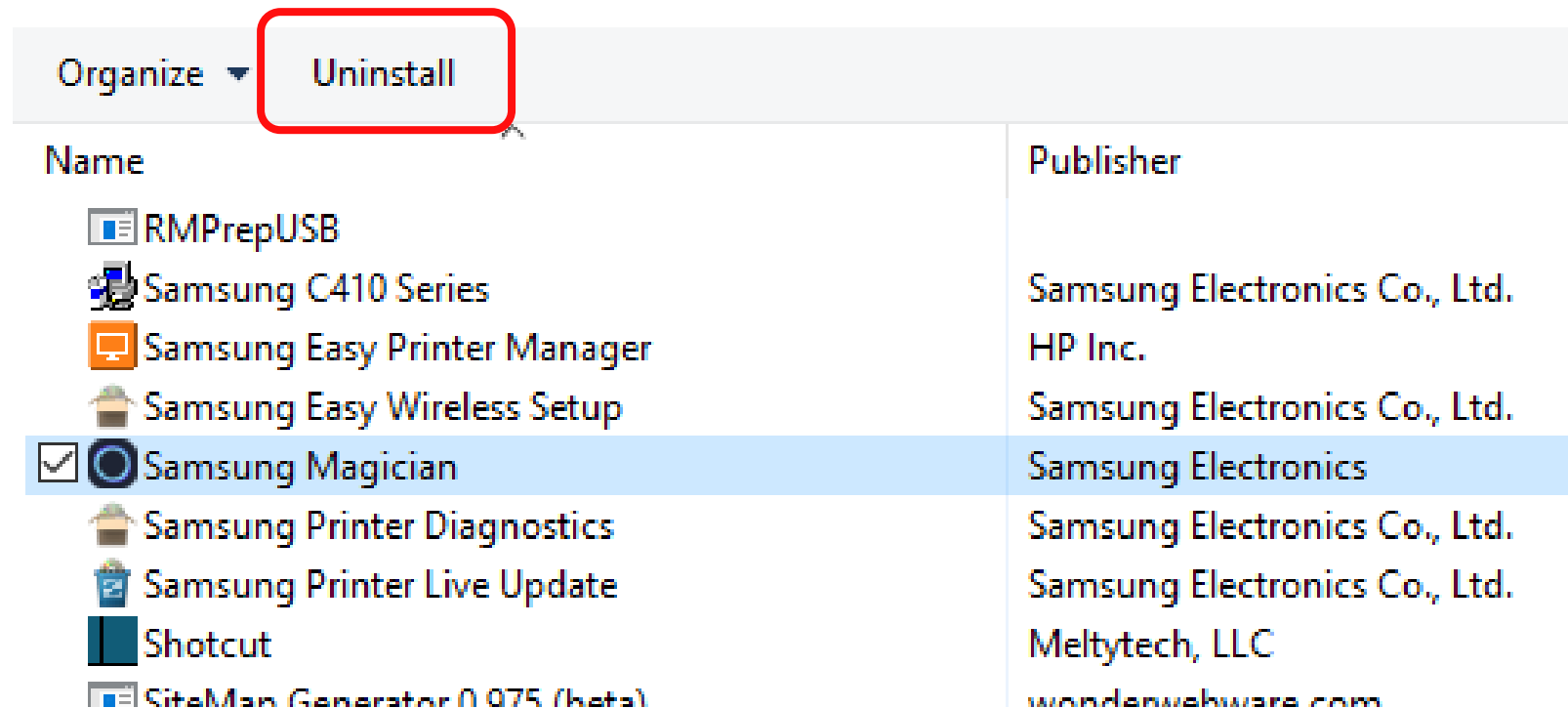
- No listing for *Data Migration* so cannot be uninstalled
- Disabling *SamsungMagicianSVC* in Services (services.msc) has no effect
- Disabling *Samsung Magician* in Settings has no effect – Magician still runs!



Sledgehammer “Solution”

Uninstall or change a program

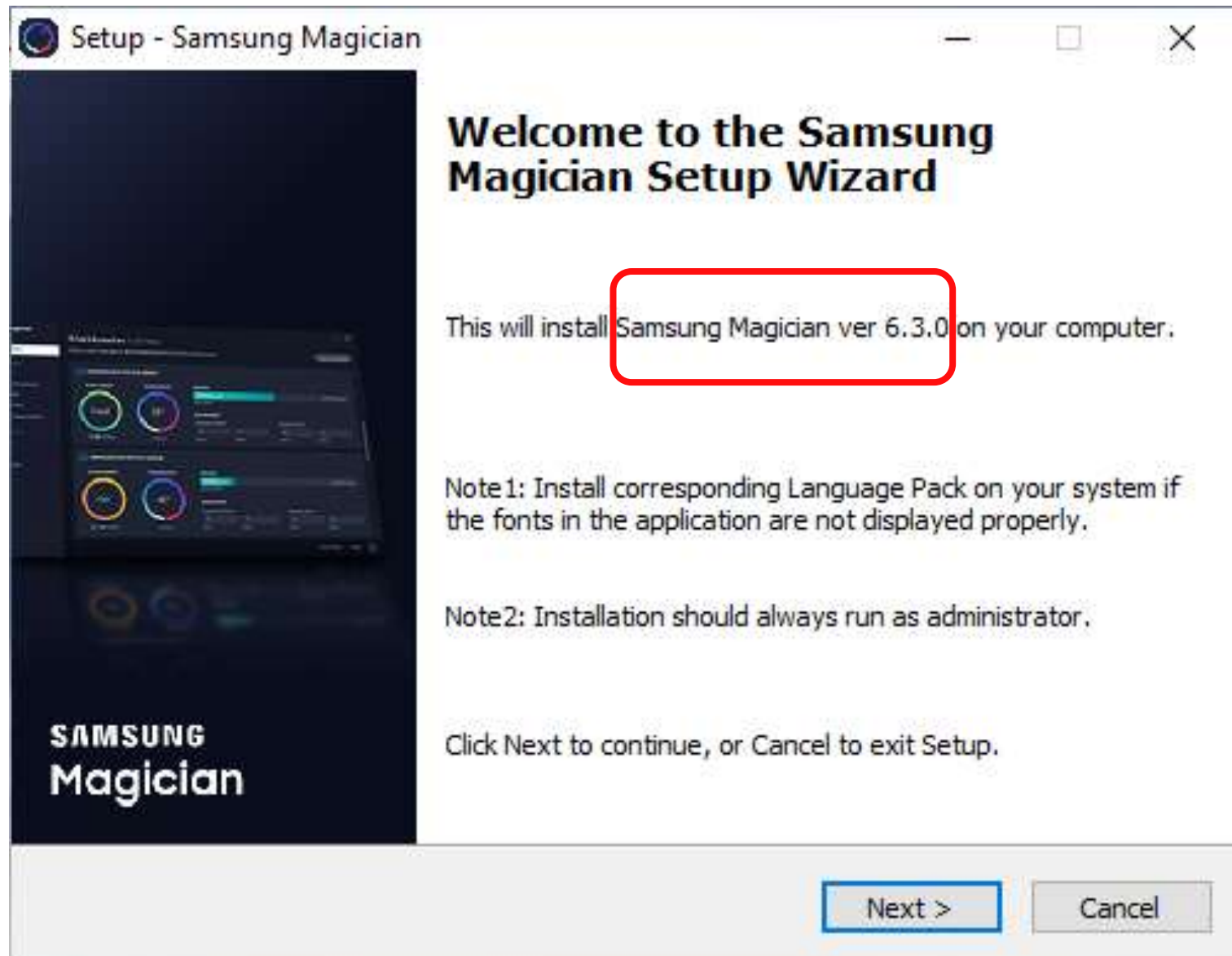
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.



The screenshot shows the Windows 'Programs and Features' control panel window. At the top, there is a toolbar with 'Organize' and 'Uninstall' buttons. The 'Uninstall' button is highlighted with a red rectangular box. Below the toolbar is a table listing installed programs. The 'Samsung Magician' program is selected, indicated by a blue highlight and a checkmark in the first column.

Name	Publisher
RMPrepUSB	
Samsung C410 Series	Samsung Electronics Co., Ltd.
Samsung Easy Printer Manager	HP Inc.
Samsung Easy Wireless Setup	Samsung Electronics Co., Ltd.
☒ Samsung Magician	Samsung Electronics
Samsung Printer Diagnostics	Samsung Electronics Co., Ltd.
Samsung Printer Live Update	Samsung Electronics Co., Ltd.
Shotcut	Meltytech, LLC
SitelMan Generator 0.075 (beta)	wonderuehware.com

Toffee Hammer Approach



SAMSUNG Magician

ALL DRIVES

Drive Information

DRIVE MANAGEMENT

Drive Details

Performance Benchmark

Diagnostic Scan

Over Provisioning

Performance Optimization

DATA MANAGEMENT

Secure Erase

PSID Revert

Encrypted Drive



↓ Update N

Drive Information | 2 Drives

Shows a brief overview of all drives and benchmarks the performance.

Benchmark All

Samsung SSD 840 EVO 250GB | SATA

Drive Health



Temperature



Volume



Benchmark

Sequential (MB/s)		Random (IOPS)	
Read	Write	Read	Write
0	0	0	0

No benchmark result. Try Benchmark All.

SD/MMC/MS PRO | USB

Not supported

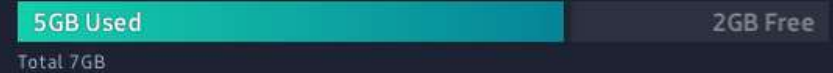
Drive Health



Temperature



Volume



Benchmark

Sequential (MB/s)		Random (IOPS)	
Read	Write	Read	Write
N/A	N/A	N/A	N/A

This drive does not support benchmark

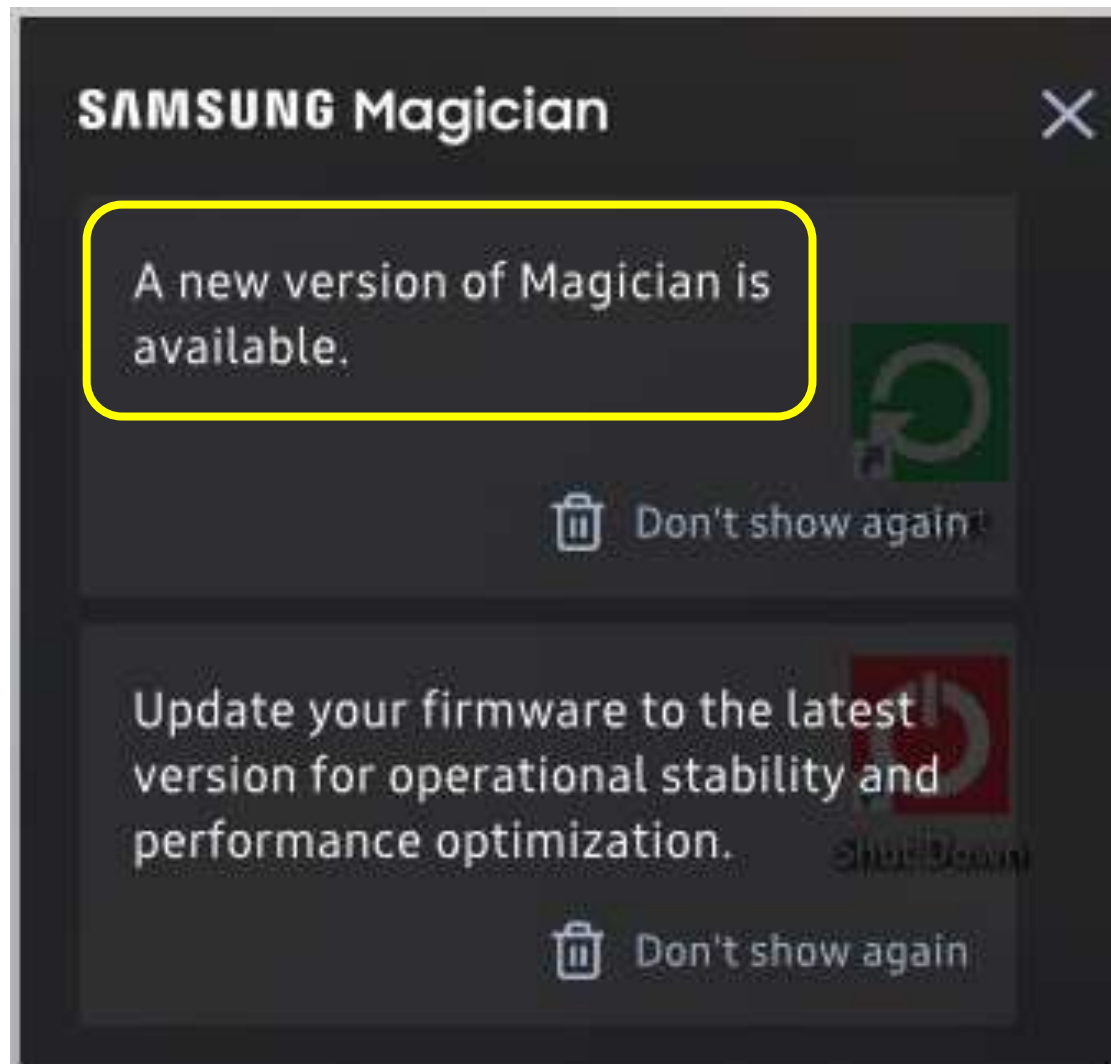
Update your firmware to the latest version for operational stability and performance optimization. 

Settings

Information

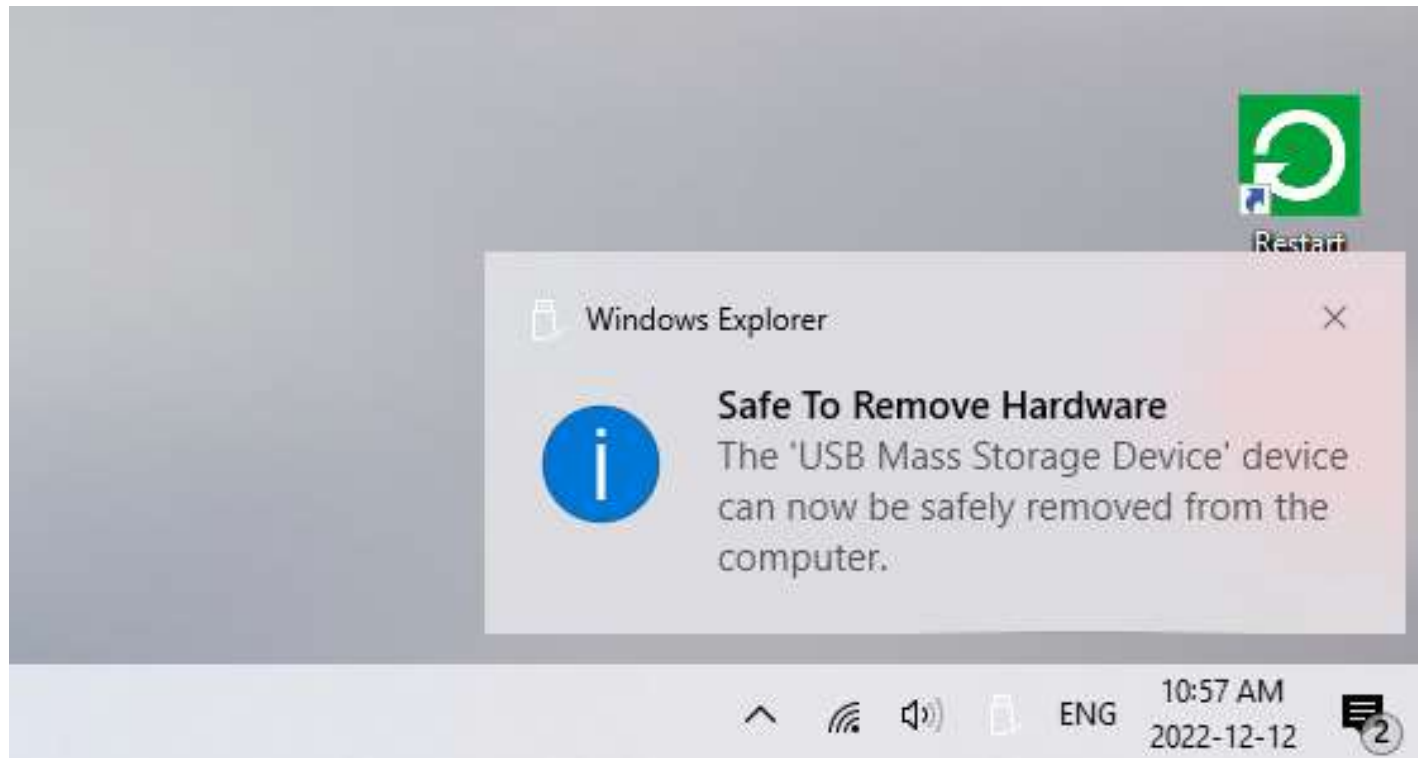
Help





Ignore!

*(At least
until a new
version is
released)*

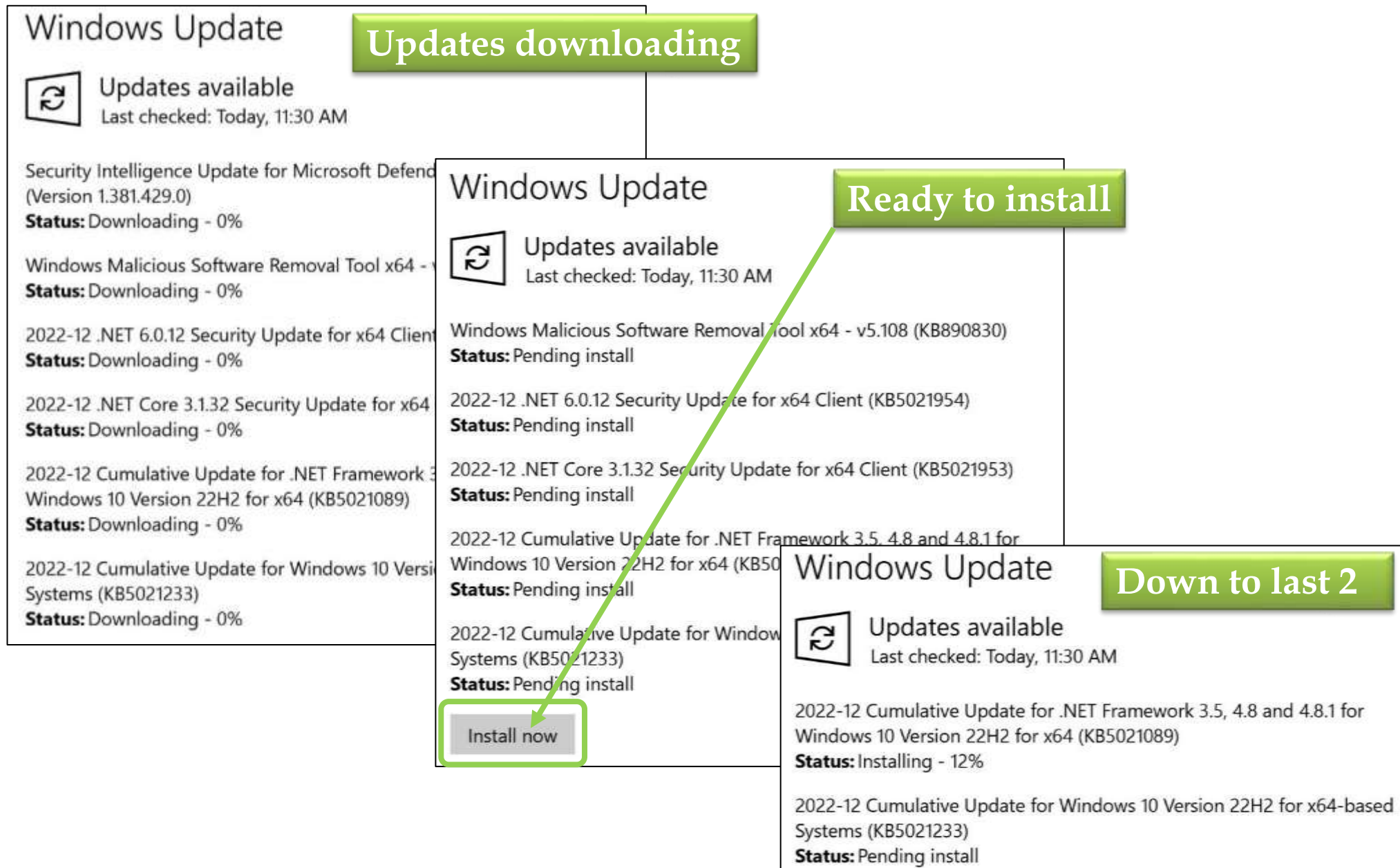


Success



Share

Quicker restarts after updates



Share

Windows Update



Updates available

Last checked: Today, 11:30 AM

2022-12 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5021089)

Status: Installing - 12%

2022-12 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5021233)

Status: Pending install

Down to last 2

Finally – ready for restart

Windows Update



Restart required

Your device will restart outside active hours.

2022-12 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5021089)

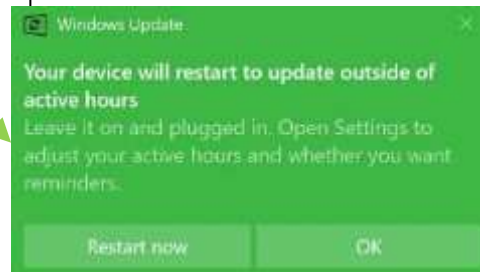
Status: Pending restart

2022-12 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5021233)

Status: Installing - 0%

Restart now

Schedule the restart



Windows Update



Restart required

Your device will restart outside active hours.

2022-12 Cumulative Update for .NET Framework 3.5, 4.8 and Windows 10 Version 22H2 for x64 (KB5021089)

Status: Pending restart

2022-12 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5021233)

Status: Installing - 0%

Restart now

Schedule the restart

But are we *really* ready for restart?
• still installing update

Share

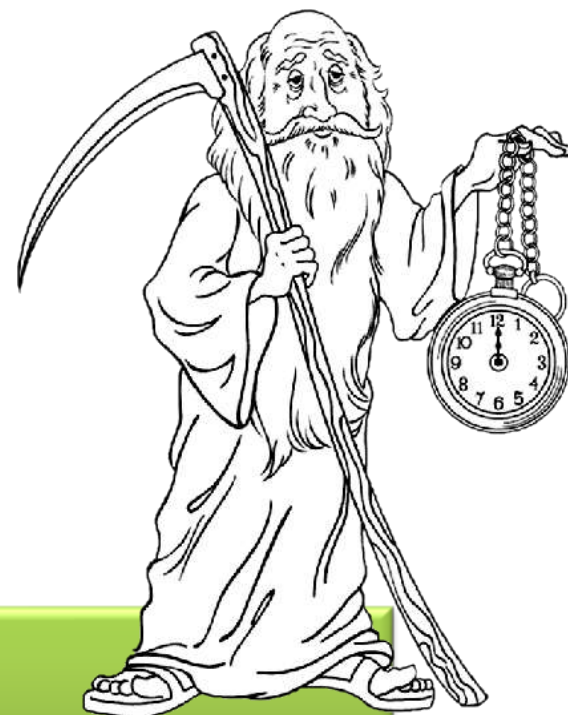
So what's going on?

Once you get notice to restart

- it's *safe* to click and restart your computer

Updates that have not completed

- will complete *during* the restart process

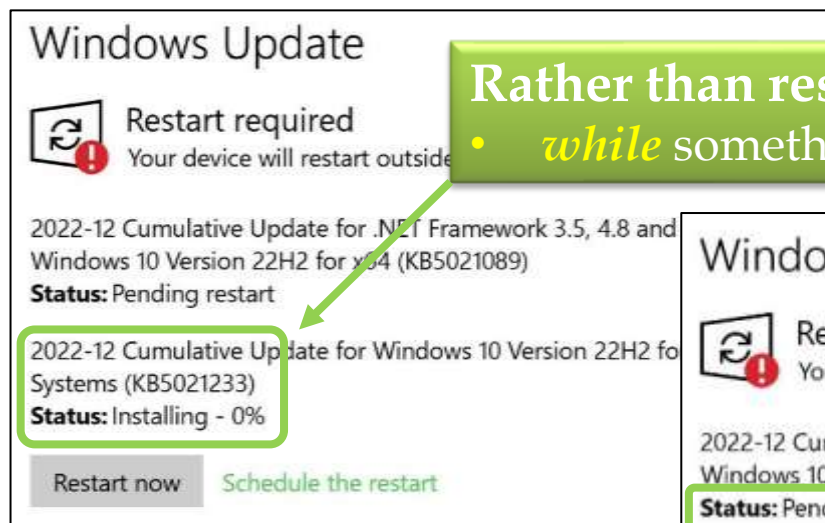


Why is this not good?

- it might take 10, 15, 20, ... ? minutes to *complete* the updates
- *you can't use your computer during the restart process*

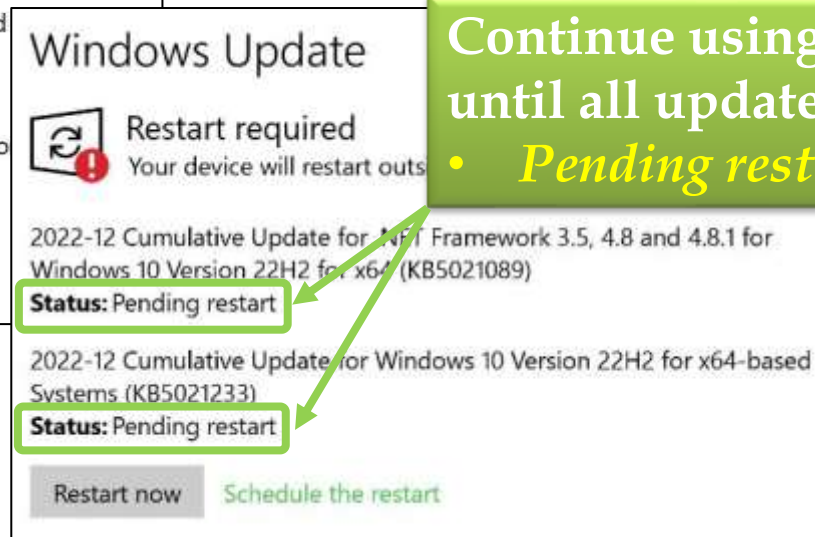
Share

Bottom line



Rather than restarting

- *while* something is still installing



Continue using your computer until all updates show

- *Pending restart*

Last updates, it took **15 minutes** to get from first screen to second

- **probably allowed me to use my computer for extra 15 minutes**

- if you get a pop-up saying with button to **Restart now**
- check **Settings > Update & Security > Windows Update**
 - if any updates are showing **Installing**, wait for them to complete for faster restarts





**Any other:
Questions
Comments
Shares?**



What is that you need to know about computers that would be great topics for monthly meetings, and questions or shares for Q&A?

Future Topics



1. Artificial Intelligence
(Specific aspect? Speaker?
Other ways?)

2.

3.

4.

5.

Free Membership!

- Are you currently a member of OPCUG?
- If so, the Board of Directors will extend your membership by one year – at no charge!
- You will not receive a renewal notice
- Do not send us a membership payment
- Your membership will be extended automatically
- **And, if you are not a member...**



Almost Free Membership!

- Join OPCUG now (or before March 31, 2023)
- Annual membership fee is \$20.00
- **BUT, you will receive two-years of membership for the price of one!**

<https://opcug.ca/join-or-renew/>



Programme and Publicity

- Lawrence Patterson is not going to continue as a member of the club's Board of Directors
- He was taking care of the programme for the monthly meetings and publicity
- This creates a vacancy on the BOD
- If you are interested in joining the Board, contact Bob Herres, the 2023 Election Chair via E-mail:



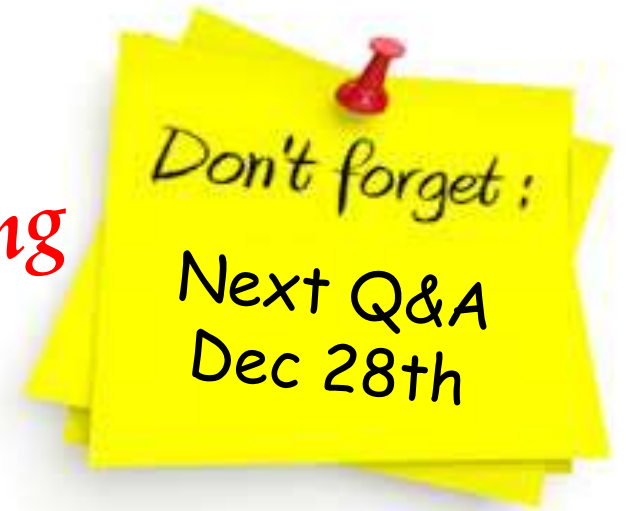
nominations@opcug.ca



*suggestions for meeting
and Q&A topics,*

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

SuggestionBox@opcug.ca



**OPCUG's Board of Directors
wishes you a very...**

