



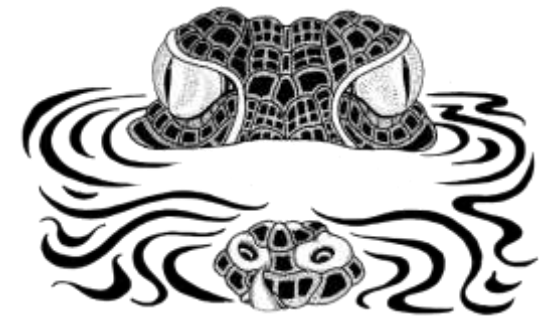
**Alan German & Chris Taylor**  
**Ottawa PC Users' Group**

*April 16, 2025*

Follow Up

# Facebook

- I have a personal account on FB
- I joined about a year ago, mostly for FB Marketplace
- Recently I was blocked from Marketplace
- Once they block you, there is no recourse
- One can protest but I think it just goes to an algorithm
- A few days ago FB unblocked me; no reason/explanation
- My conduct on FB was not in question
- I don't troll and I have only 3 "friends" who are all relatives
- FB is a swamp!



Elizabeth O'Driscoll

Follow Up



# What exactly will Canadian Shield do for me?

- April general meeting: services from CIRA
- Canadian Shield
  - seemed to be some confusion about exactly what it does
- Free DNS security service to protect Canadians from online threats
- *CIRA Canadian Shield double checks to see if websites are malicious and if we know they are, we'll stop you from visiting them.*
- *The service is completely free, meaning no advertising, no tracking and no reselling your data to others.*



**CIRA Canadian Shield**

# Follow Up How does *normal* DNS work?

- You want to browse to `https:opcug.ca`
- Your computer doesn't know how to get to `opcug.ca`
  - it only knows how to get to an IP address
  - `opcug.ca` is at `134.195.196.134`
- So how does your computer figure out that?
- Domain Name Service: the phone book for the Internet
- Your computer asks a DNS server
  - *give me the IP address for opcug.ca*
- DNS server says
  - IP address for `opcug.ca` is `134.195.196.134`
- Your computer connects to `134.195.196.134`

# Follow Up How does *Canadian Shield* work?



- What if opcug.ca is a malicious site?
  - perhaps I should not have used opcug.ca as an example!
- Canadian Shield DNS to the rescue
- Your computer asks Canadian Shield DNS service
  - give me the IP address for opcug.ca
- If Canadian Shield knows 134.195.196.134 is malicious
  - redirects you elsewhere: warning page or non-existent site
- If Canadian Shield thinks 134.195.196.134 is not malicious
  - Canadian Shield says
  - IP address for opcug.ca is 134.195.196.134
- Your computer connects to 134.195.196.134

# Follow Up Details



- *We bring in dozens of threat feeds and add powerful AI from Akamai to analyze billions of DNS queries globally every single day. This detects over 100,000 new threats daily to help keep you safe online!*
- Canadian Shield uses threat intelligence data from the Canadian Centre for Cyber Security
  - CCCS provides good, detailed info on how Canadian Shield works
  - <https://www.cyber.gc.ca/en/news-events/canadian-shield-sharing-cyber-centres-threat-intelligence-protect-canadians-during-covid-19>



# Canadian Shield: 3 options

- **Private**
  - offering DNS resolution only
- **Protected**
  - adds malware, phishing, botnet and scam protection
- **Family**
  - adds pornographic content to the block list
- Detailed instructions to set up Canadian Shield
  - including for Windows, Linux, MacOS, Sony Playstation, routers, Xbox, browser extensions, more!
  - <https://www.cira.ca/en/canadian-shield/configure/>

# Follow Up Some other free options

- Quad9
  - not-for-profit consortium of over a dozen cyber-security firms
  - over 800 TB of threat intelligence data
  - <https://quad9.net/>
- Norton DNS
  - <https://nortondns.com/>
- OpenDNS Home / OpenDNS Family Shield
  - advanced configuration with over 50 categories of blocking
  - <https://www.opendns.com/home-internet-security/>



# Footnotes and endnotes

payments, are grouped with their associated bank statement in chronological order.

10. A PayPal account is used to receive on-line payments, primarily for membership renewals. Each payment received through PayPal is subject to a transaction fee. The related accounts are:
  - 1300 – PayPal Account
  - 3920 – Membership ExpenseIndividual membership payments, and the associated fees, are recorded in these two accounts. Transfers of funds are made from PayPal to TDCT in order to make these funds available for the club's operations. However, because such transfers can take several days, a balance may remain in the PayPal account when the end-of-month transactions are processed in the accounting system.
11. A petty cash account (1210 – Petty Cash Float) is used to pay for small items such as postage. The funds associated with this account are held and disbursed by the Treasurer.
12. Due to restrictive licensing practises on the part of the City of Ottawa it was deemed impractical to hold raffles at club meetings. Monthly raffles were replaced by free, members-only, prize draws.<sup>4</sup> As a result, listings for Account No. 2300 – Raffle Income and Account No. 3930 – Raffle Expense were discontinued.

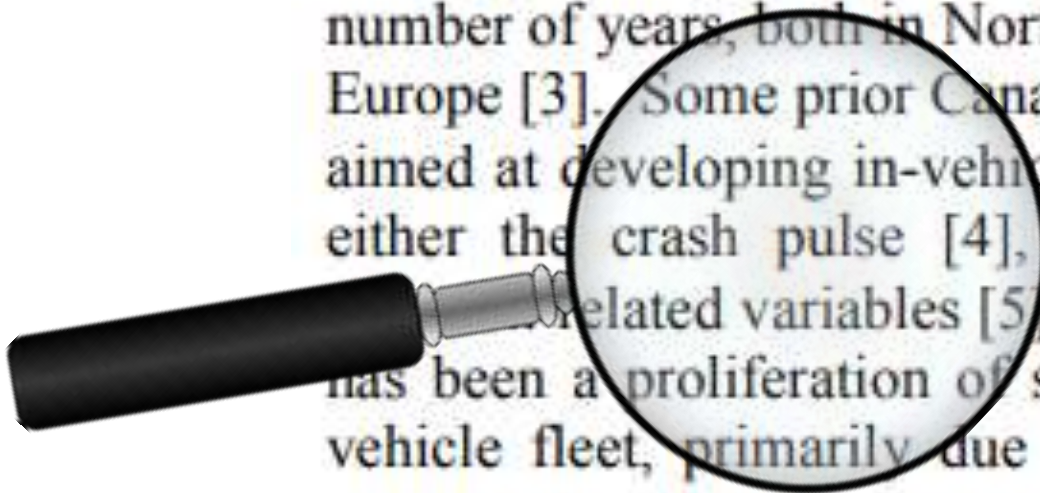
<sup>3</sup> Membership Fees vs. Memberships, Report to Board of Directors, June, 2005

<sup>4</sup> No more raffles, Ottawa PC News, p.3, January 2020

# Endnotes

- Endnotes do not show in a Word document
- What are endnotes?

On-board event data recorders are not a new concept; such systems have been developed over a number of years, both in North America [1,2] and in Europe [3]. Some prior Canadian research has been aimed at developing in-vehicle recorders to capture either the crash pulse [4], or a wider range of related variables [5]. In recent years, there has been a proliferation of such technology in the vehicle fleet, primarily due to the introduction of



## References

- [1] Teel, Peirce, and Lutkefelder; Automotive Recorder Research - A Summary of Accident Data and Test Results; NHTSA; 1974
- [2] Chidester A, Hinch J, Mercer TC and Schultz KS; Recording Automotive Crash Event Data; Proceedings of the International Symposium on Transportation Recorders; Arlington, Virginia; May 3-5, 1999
- [3] Aldman B, Kullgren A, Lie A and Tingvall C; Crash Pulse Recorder (CPR) - Development and Evaluation of a Low Cost Device for Measuring Crash Pulse and Delta-V in Real Life Accidents; Proc. 13th. ESV Conf.; 1991
- [4] Wilkie K, Miller C and Baird R; The Inexpensive Crash Recorder Project; Proc. CMRSC-VI; Fredericton; 1989
- [5] Gou M, Denegri G, April G-E and Laberge-Nadeau C; La boîte jaune : un moniteur intelligent de la conduite d'un véhicule routier; Proc. CMRSC-VIII; Saskatoon; 1993
- [6] Vetronix Corporation, 2030 Alameda Padre Serra, Santa Barbara, CA 93103
- [7] Kullgren A, Ydenius A and Tingvall C
- [8] Kullgren A, Ydenius A and Tingvall C; Proceedings of the 13th. ESV Conf.; 1991
- [9] Kullgren A, Ydenius A and Tingvall C; Proceedings of the 13th. ESV Conf.; 1991
- [10] Kullgren A, Ydenius A and Tingvall C; Proceedings of the 13th. ESV Conf.; 1991
- [11] Tumbas NS and Smith RA; Measuring Protocol for Quantifying Vehicle Damage from an Energy Basis Point Of View; SAE 880072; 1988
- [12] U.S. DOT/NHTSA - Meeting Minutes of the MVSRAC/Event Data Recorder (EDR) Working Group; Docket No. NHTSA-1999-5218 <http://dms.dot.gov/>
- [13] 2010 Strategy: Saving Lives through Safety Innovation and Performance; US Department of Transportation, Federal Motor Carrier Safety Administration; January, 2001
- [14] Garthe EA and Mango NK; Conflicting Uses of Data from Private Vehicle data Systems; SAE 2001-01-0804; 2000
- [15] To H and Choudhry O; Mayday Plus Operational Test Evaluation Report; Minnesota Department of Transportation; April, 2000
- [16] Krafft M, Kullgren A, Tingvall C, Bostroem O and Fredriksson R; How Crash Severity in Rear Impacts Influences Short- and Long-Term Consequences to the Neck; Accident Analysis & Prevention; 32 (2); pp. 187-195; 2000
- [17] Kullgren A, Ydenius A and Tingvall C

# The endnotes do not show!

- Check settings/options to see how footnotes are to be displayed

*File > Options >Customize Ribbon> EndNote*

- Can you try Google Docs?
- Perhaps her editor is using WordPerfect
- <https://www.libreoffice.org/>
- Could the information in the endnotes be saved as a separate document?
- <https://answers.microsoft.com/en-us/msoffice/forum/all/disappearing-endnotes-in-text-endnote-numbers/f4066c7b-e3d1-4ef2-89b2-4c8a827302ae>

- Try increasing the height of the footer when printing
- Disable EndNote in Word and convert citations to plain text:  
*EndNote > Convert Citations and Bibliography > Convert to Plain Text*
- To view endnotes in Word:  
*References > Show Notes > All Endnotes*
- <https://answers.microsoft.com/en-us/msoffice/forum/all/word-endnotes/84cd49ad-c442-4919-ab97-6946f0fbf7e8>
- <https://www.perplexity.ai/search/why-do-my-endnotes-dissapear-wh-Hd1V2ZvNRP6Hm3FTa1xlfw>
- [https://www.perplexity.ai/search/endnotes-are-missing-from-chap-BBMKqcAxQa.5.WIb\\_.En6g](https://www.perplexity.ai/search/endnotes-are-missing-from-chap-BBMKqcAxQa.5.WIb_.En6g)



# Windows Longhorn Explained

YouTubeTech



- The fascinating tale of the failed Windows Longhorn
- How Microsoft threw out several years of work when developing what was to become Windows Vista
  - *The story of Longhorn is one of hubris and humility*
- As told by
  - Dave Plummer
    - retired Microsoft Engineer
  - Dave's Garage
    - <https://www.youtube.com/@DavesGarage>

<https://www.youtube.com/watch?v=RpRZ8BQiiMo>



# CyberCPU Tech

YouTubeTech

- For those who enjoyed "Ask Leo" from a couple of weeks back, I came across another creator I have enjoyed - CyberCPU Tech
- How To Make Windows 11 Look Like Windows 10.  
<https://www.youtube.com/watch?v=VSpUo3T2cwY>



Ma Vo

Share

# Green banking

- Is your financial institution(s) building a better tomorrow or burning down the planet?
- That's a little harsh but apt when we learn more about where our money gets invested
- This website lets you know where your and other banks rate in a green sense

<https://bank.green/>

bank.green

# Good and...

- One of the best mentioned was Laurentian Bank
- Pretty much any Canadian Credit Union scores reasonably well
- Some of the fintech banks score pretty well but I'm not very familiar with them



 Laurentian Bank

**Your bank is a leader in climate responsibility.**

Laurentian Bank primarily operates in the province of Quebec, including through its subsidiary B2B.

Laurentian Bank is great! It has no lending to companies engaged in the exploration, production, or development of fossil fuels. It provides a modest amount of lending to renewable energy projects and finances the acquisition of zero-emission vehicles. It



[How Bank.Green rates institutions](#)  
Last Rated in Oct 2024

# ...not so good

- Pretty much any major Canadian bank scores low
- RBC is notorious for its fossil fuel investments



The infographic features a circular gauge with a rainbow-colored arc. The needle points to the red section, indicating a low score. Below the gauge is a red angry face emoji. Social media icons for Twitter and Facebook are positioned below the gauge. The text on the left identifies RBC as the top fossil fuel financier in Canada and criticizes its climate record.

 **RBC**  
#1 in Canada for fossil fuel financing.

**Your bank is failing on climate responsibility.**

RBC is one of the 60 biggest funders of fossil fuels in the world\*. In the 8 years since the Paris Agreement, this bank has funneled \$256 billion USD into coal, oil, and gas, rapidly accelerating the climate crisis.

\* [Details here](#)

[How Bank.Green rates institutions](#)  
Last Rated in Sep 2024

Share

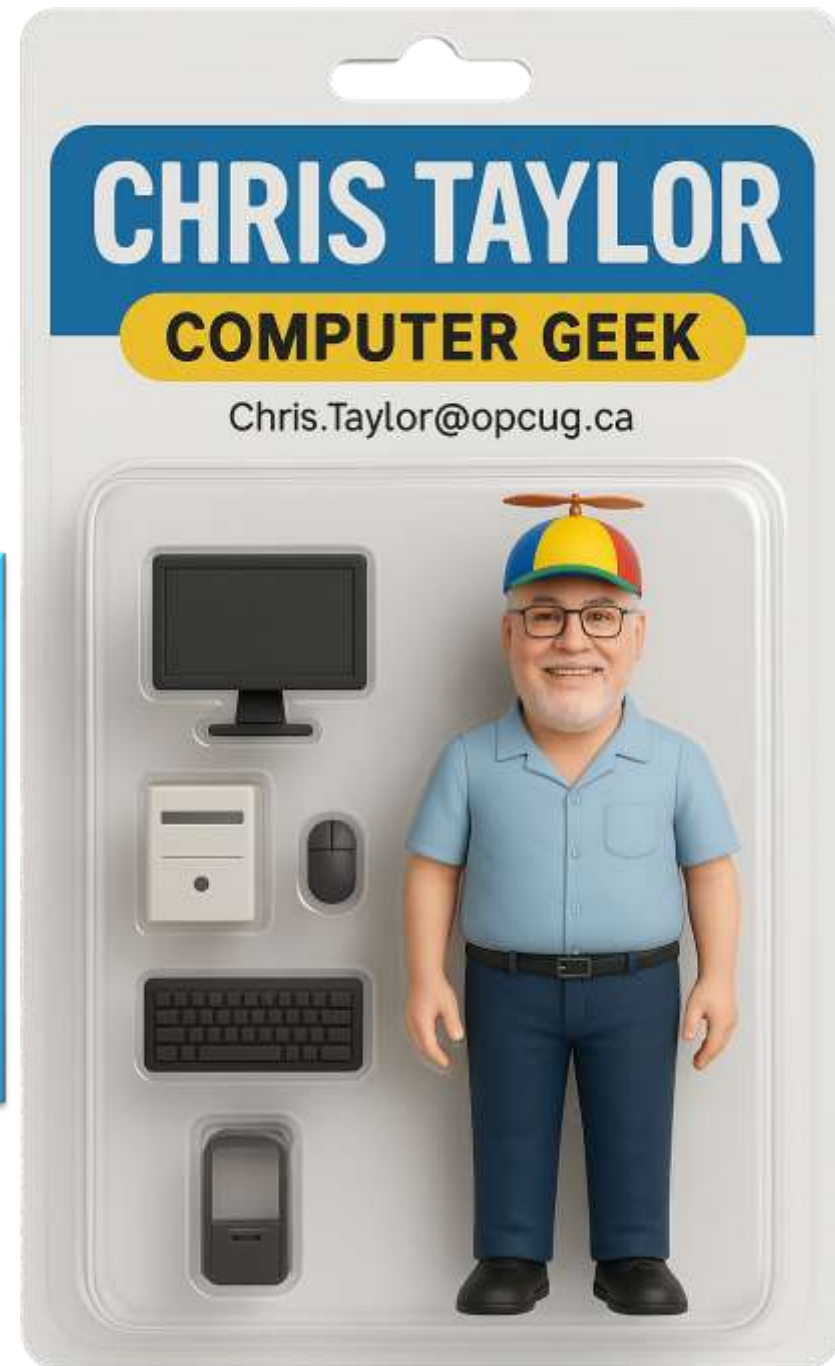
# ChatGPT AI fun

Uploaded photo



Added prompt

- *Create a picture of me as a 3D action figure toy, as if it were displayed in a transparent plastic, blister packaging. Put my name on the package as "Chris Taylor" and title "Computer Geek". Add "Chris.Taylor@opcug.ca". Add accessories such as a desktop computer, monitor, mouse, and keyboard". Add a propeller beanie cap.*



Share

# Uses for Old Computer Equipment

So, What Do You Do  
With Your Old Computer Equipment?  
(metals ... toxicity ... environment)

Phil Logan

2025 April 16

Q & A

Ottawa PC Users' Group

Share

## Uses for Old Computer Equipment

You can always take it to BEST BUY (trade in) or a metal recycler to just get it out of the way! The question is how much are you willing to do to reduce, reuse & recycle.

OR

Sell off or donate parts still needed like RAM, data drives, optical drives, graphics cards motherboards with CPU & RAM, etc.

OR

Think about what a Collector or a Hobbyist could do with it?  
Think about how you may be able to reuse it?

Share

## Uses for Old Computer Equipment

COLLECTORS are willing to pay you  
if your equipment is old,  
is in working order,  
and contains vintage software!

Computers, peripherals, cables, printers, software ...

Whatever you have ...

Advertise on KIJJI or Facebook Marketplace

Say serious collectors only!

Share

## Uses for Old Computer Equipment

HOBBYISTS may have many  
creative applications for your stuff;  
often, they need low power!

Model railroaders use computers to control tracking on  
various routes of the trains.

Computers can be used to control switching circuits  
for outdoor or indoor lights, ponds, irrigation ...

Share

## Uses for Old Computer Equipment

Desktop power supplies can be modified to become a workbench power supply providing voltages of:

(+ or -) 12V, 5V, 3.3V

(Currents will be lower than you might think from a 500 W or 300 W power supply, so add a fuse!)

Twist all the clipped ends of a single colour together  
& solder the ends of each colour group  
& attach each group to a post.

(Measure voltages and label to remember!)

Share

## Uses for Old Computer Equipment

Support & display electronic test equipment like oscilloscopes & meters for current, resistance, capacitance, & sensors for temperature, humidity, soil saturation.

Design and test circuits through software to improve vintage radio, HAM & audio equipment.

Amateur astrophotographers use computers to capture and stack images of celestial objects & help guide the telescope.

Share

# Uses for Old Computer Equipment

What about your needs for PERSONAL USE?

If you use an old computer keep the original OS!  
The cost & compatibility of a new OS license  
may be prohibitive.

Make sure you have a SYSTEM BACKUP  
& FILE BACKUP on an external drive!

Store a current ISO file of the OS.

Replace the CMOS battery.

Remove, rebuild, replace laptop battery packs or use with caution.

Stay off the internet or go with caution!

Convert to LINUX!

Share

# Uses for Old Computer Equipment

Install the disc drive into an enclosure for an external drive to backup data & re-boot old operating systems.

(Enclosures are available for large & small drives & SSDs.)

Power 12V devices like LED strips, fans, CB radios ...

Add USB adaptors to charge USB devices  
like phones, tablets & voice recorders ...

Read books if the computer supports the software.

Play CDs, DVDs for music, movies from the Library.

(Learn to play chess, learn Planetary Science, learn to crochet ...)

Share

## Uses for Old Computer Equipment

Think about layering, confidentiality,  
a dedicated single or multi purpose computer.

Store your budget, financial information, investments, wills &  
arrange for the pass code to be given to your executor!

Perform small office tasks like word processing, spreadsheets,  
presentations, creative writing, poetry ...

Storage for archived or research files.

Share

## Uses for Old Computer Equipment

Playing videos for grand kids ... really?

As Woody would say ... That's All Folks!

Always have fun!



# Preventing pop-up ads

- I found a lot of pop up messages coming into my computer whenever I am either working in E-mail or WhatsApp
- I am using E-mail with the Edge browser
- WhatsApp is an installed app
- How can I stop them coming in?





# Microsoft Edge

- Many investment-related pop-ups are triggered by websites you may have accidentally allowed to send notifications
- This often happens in browsers like Google Chrome or Microsoft Edge
- Navigate to:  
*Settings > Cookies and site permissions > Notifications*
- Block unwanted sites





# WhatsApp

- WhatsApp can generate pop-up message windows on a PC
- These are notifications that appear when you receive a message
- Even if the app is minimized or closed (but still running in the background)
- Go to *Settings > Notifications*
- Enable or disable options like "*When new messages are received*" or "*When WhatsApp is closed*"





# Bing vs Google for search

How does Microsoft Bing compare to Google as a search engine?



Kabahenda Kiggundu



- Asked Perplexity.AI

- *Compare the features, advantages and disadvantages between search engines Bing and Google Search*
- 569-word response with 22 sources
  - core features and functionality
  - search results and user experience
  - search algorithm and ranking factors
  - Google's priorities vs Bing's priorities
  - AI integration and advanced features
  - image and video Search
  - market position and reach

[https://www.perplexity.ai/search/compare-the-features-advantage\\_3sLTVAZSsWw0zywcu1Odw](https://www.perplexity.ai/search/compare-the-features-advantage_3sLTVAZSsWw0zywcu1Odw)



# Some key points

- Google provides more comprehensive suite of specialized search tools
- Bing focuses on delivering a visually rich experience with fewer specialized search verticals
- They prioritize different factors when ranking content
- Google
  - larger index (hundreds of billions of webpages)
- Bing
  - smaller index (estimated 8-14 billion webpages)
- Both search engines continue to evolve, particularly in AI integration, making the competitive landscape dynamic as they strive to provide the most relevant and useful search experience for users

[https://www.perplexity.ai/search/compare-the-features-advantage\\_3sLTVAZSsWw0zywcu1Odw](https://www.perplexity.ai/search/compare-the-features-advantage_3sLTVAZSsWw0zywcu1Odw)



# So...what do you think?

- Which search engine do you prefer and why?
- What about other search engines?
  - Yahoo! Search
    - powered by Bing
  - DuckDuckGo
    - emphasizes privacy, does not track users
  - Brave Search
    - private, ad-free search experience
  - Ask.com
    - question-and-answer format
- Metasearch Engines (aggregate results from multiple search engines)
  - Dogpile
  - MetaCrawler



# Transferring all files to a new Windows 11 device

- What software do members use for this purpose?
- Is there a free version of what you have recommended?
- I need to transfer all applications as well as data files
- I may not have the original CD's to install the applications again( Lost!).



# Be Proactive!

- When setting up the new computer make sure that:
  - copies of software installation media are stored where they can readily be retrieved
  - serial numbers and activation codes are documented (e.g. in a maintenance log)
  - a disk image backup of the final system is retained

**(Setting Up a New Computer - Keeping Up To Date  
<https://opcug.ca/Articles/2109NEWS.pdf>)**



## Recommended practice \*

- Manually install a fresh copy of the OS
- Re-install apps from the original media
- Restore data files from backup



\* **How Do I Transfer My Programs and Data to a New Machine?**  
[https://www.youtube.com/watch?v=9\\_rgsY86jO8&t=3s](https://www.youtube.com/watch?v=9_rgsY86jO8&t=3s)



## No installation media?

- **EaseUS Todo PCTrans:** This tool can transfer applications, files, and settings from Windows 10 to Windows 11 over a network or using an image file. **The free version has limitations**, but the Pro version allows unlimited transfers.
- **FastMove:** Move installed software and configurations between PCs, either online (over a network) or offline (using an external drive or shared folder).
- **Laplink PCmover:** A commercial solution that can transfer applications, files, and settings between PCs. It's widely used for business and personal migrations.



# Windows Update Error

- Has anyone seen and fixed a download error for:  
*2025-04 Cumulative Update for Windows 10  
Version 22H2 for x86-based Systems (KB5055518)*

## Windows Update



Updates available

Last checked: Today, 1:07 PM

Your device is missing important security and quality fixes.

2025-04 Cumulative Update for Windows 10 Version  
22H2 for x86-based Systems (KB5055518)

**Status:** Download error - 0x800f0805

[Retry](#)

- Ran Windows Update Troubleshooter
  - *Settings > Troubleshoot > Additional troubleshooters > Windows Update*
- Ran (Admin cmd window)
  - *sfc /scannow*
  - *dism /online /cleanup-image /restorehealth*
- But, download error persists!

## Windows Update



Error encountered

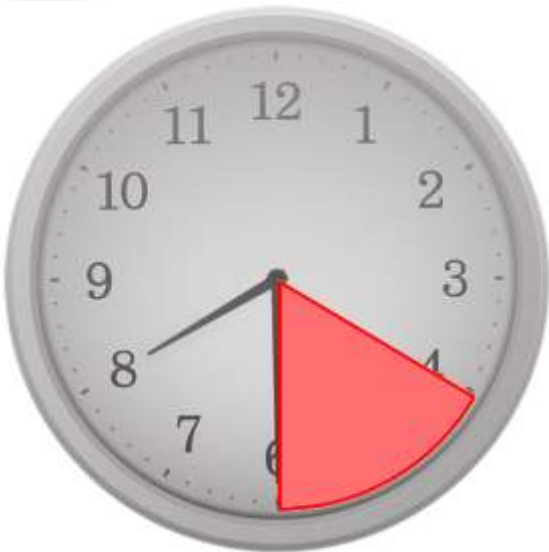
Last checked: Today, 3:25 PM

Your device is missing important security and quality fixes.

There were problems downloading some updates, but we'll try again later. If you keep seeing this, try searching the web or contacting support for help. This error code might help: (0x800f0805)



**Any other:  
Questions  
Comments  
Shares?**



# One-on-One Remote Assistance



**One-on-One  
Remote Assistance**  
(members only) \*

- The details of our **One-on-one remote assistance programme** are posted at:  
  
<https://opcug.ca/one-on-one-remote-assistance/>
- If you need help on any computer-related issue, send a request for assistance to:

[1on1request@opcug.ca](mailto:1on1request@opcug.ca)

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



## OPCUG PRESENTATIONS AT THE OTTAWA PUBLIC LIBRARY

### **Armchair Travel – Alaska**

Lynda Buske

Orléans, Thursday Apr 17, 2025 at 6:00pm

### **Quick Tips: How to use free AI tools in Your Daily Life**

Chris Taylor

Rosemount, Thursday Apr 24, 2025 at 6:00pm

### **Keeping Passwords Safe**

Chris Taylor

Centennial, Friday Apr 25, 2025 at 2:00pm

<https://bibliottawalibrary.ca/en/program?text=pc+users>

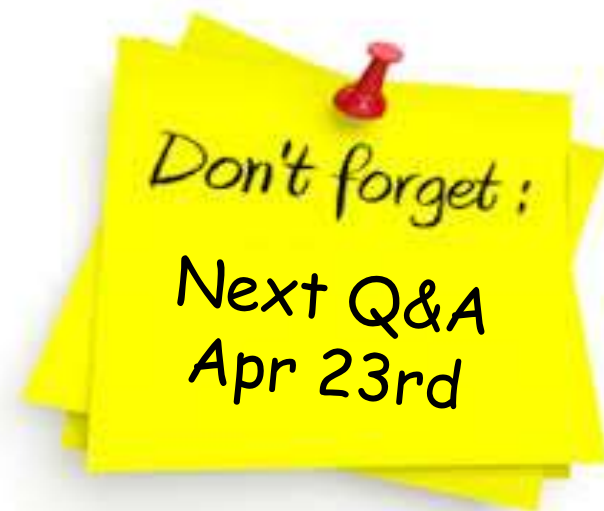
Next week's Q&A !!!

## Easter Eggs?

- On Wednesday, April 23<sup>rd</sup>, we will be holding a special **Hybrid Q&A session** both online and in-person at the **Emerald Plaza branch of the Ottawa Public Library** (1547 Merivale Road)
- As this date is close to Easter, one of the topics we would like to include is that of (software) Easter Eggs
- Which Easter Eggs\* do you know about?
- Send details to [SuggestionBox@opcug.ca](mailto:SuggestionBox@opcug.ca) and we will include your contributions in the Easter Basket!

*\* Preferably current items that can be initiated in installed packages (examples would be great!)*





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

**[SuggestionBox@opcug.ca](mailto:SuggestionBox@opcug.ca)**