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Ottawa PC Users' Group

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Does *XYZ* work in Windows 11?

I heard that one possible downside of Windows 11 is that older (5 years or older) printers may not work

- do you know if that true?*

For that reason I have not updated to Windows 11

Olly's *Brother HL-2270DW* first

- first manufactured over 11 years ago
- Olly's unit manufactured July 2013



Olly Wodin

A Let's step back



- All hardware devices require a *driver* to work
 - for all operating systems
 - *software that lets the operating system talk with hardware*
- All operating systems come with drivers
 - handle most common hardware: they work *out-of-the-box*
 - mice, keyboards, disk drives, monitors, webcams, etc.
- Special drivers can expose additional features
 - works by just plugging it in, works better with special driver
 - mice & keyboards somewhat common (e.g. Logitech)
- Some hardware *require* specialized drivers from manufacturer to work at all
 - may come bundled with the operating system
 - Driver updates *very often* available from manufacturer's website
 - printers and display adapters often need specific drivers

A Rule of thumb

- If your hardware device



Came out when the operating system was released

- **driver will be available**



Came out under 5 years before operating system released

- **driver almost certainly will be available**

Came out more than 5 years before operating system released

- **driver may be available**



A

Check with manufacturer

- Manually find website
- Google for (e.g.)
 - Brother HL-2270DW drivers

Caution:

- avoid 3rd party sites

The screenshot shows a Google search for 'brother hl-2270dw drivers'. The search results are as follows:

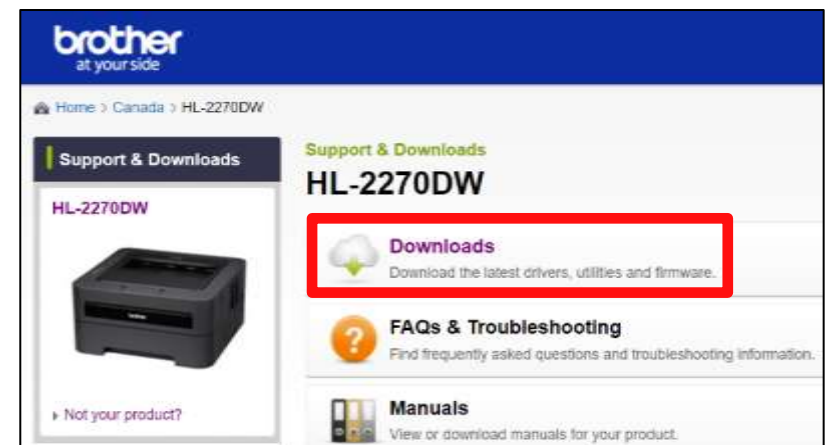
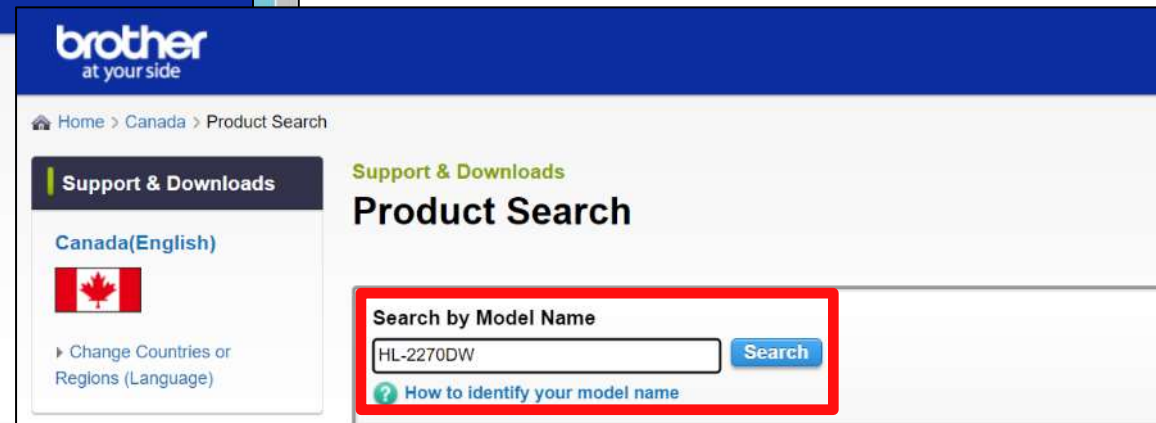
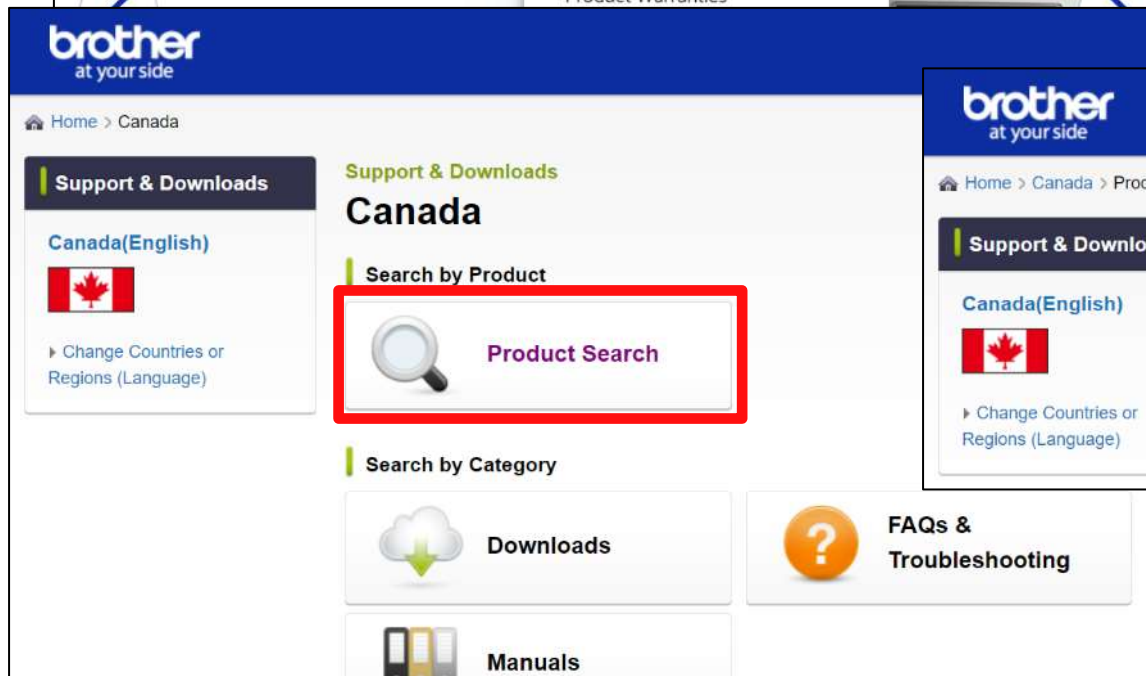
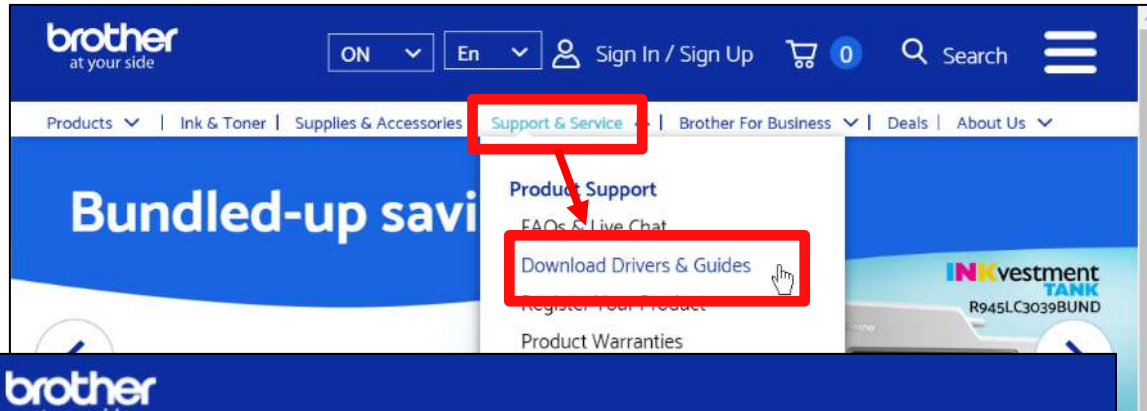
- Result 1:** <https://support.brother.com> (highlighted with a green box). Title: Downloads | HL-2270DW | Canada | Brother. Description: HL-2270DW. Downloads. Select Your Operating System (OS). Depending on your web browser, your OS Family and Version may already be selected. A green arrow points from a green 'Okay' box to this URL.
- Result 2:** <https://support.brother.com> (highlighted with a green box). Title: Downloads | HL-2270DW | Canada | Brother. Description: Full Driver & Software Package (Recommended). We recommend this download to get the most functionality out of your Brother machine. A green arrow points from a green 'Okay' box to this URL.
- Result 3:** <https://printerdrivers.com> (highlighted with a red box). Title: Brother HL-2270DW Driver - Printer Drivers Download. Description: Printer Brother HL-2270DW Driver Installation Software Downloads for Microsoft Windows 7, 8, 8.1, 10, XP, Vista and Mac Operating System. A red arrow points from a red 'Not "Brother"' box to this URL.

The red box contains the text: Not "Brother" • avoid.

A

Check with manufacturer

<https://brother.ca>



A

Drivers for

- Windows, MacOS, Linux, & iOS/ Android

HL-2270DW has drivers for

- Windows from XP to Win11

Download & install

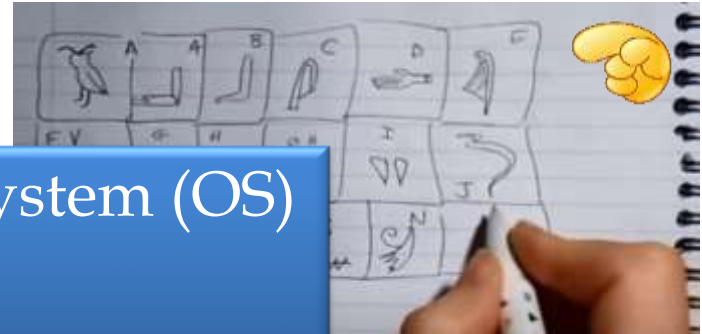
- once you have Operating System you want

A

What about the reverse?

Using older version of the operating system (OS)

- your OS still uses hieroglyphics
 - rather than Latin alphabet



Want a new peripheral

- e.g. shiny new printer



- Check specifications/side of the box for system requirements
- Check manufacturer's website for drivers for your version of the OS
 - *maybe* drivers are available even if system requirements don't list your version of OS



Sweet Home 3D – Part 5



View the presentation of this item at:

https://opcug.ca/qa_recordings/20221123_SweetHome3D.pdf

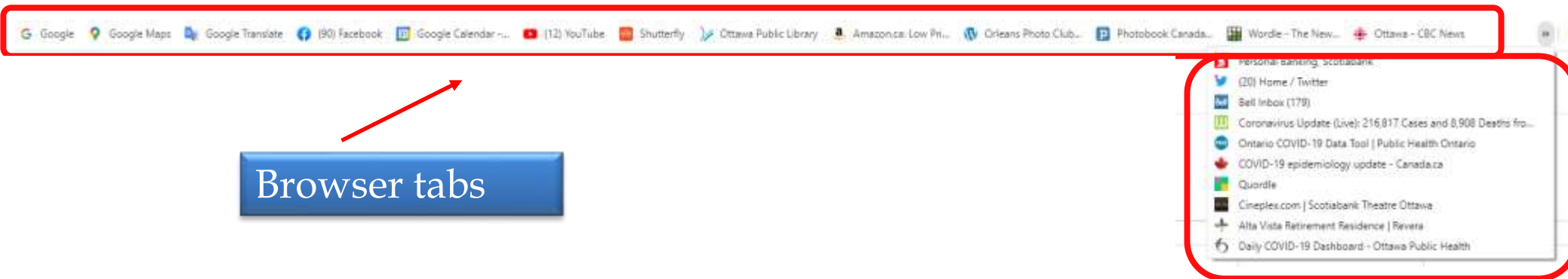


Chrome folders on bookmark bar

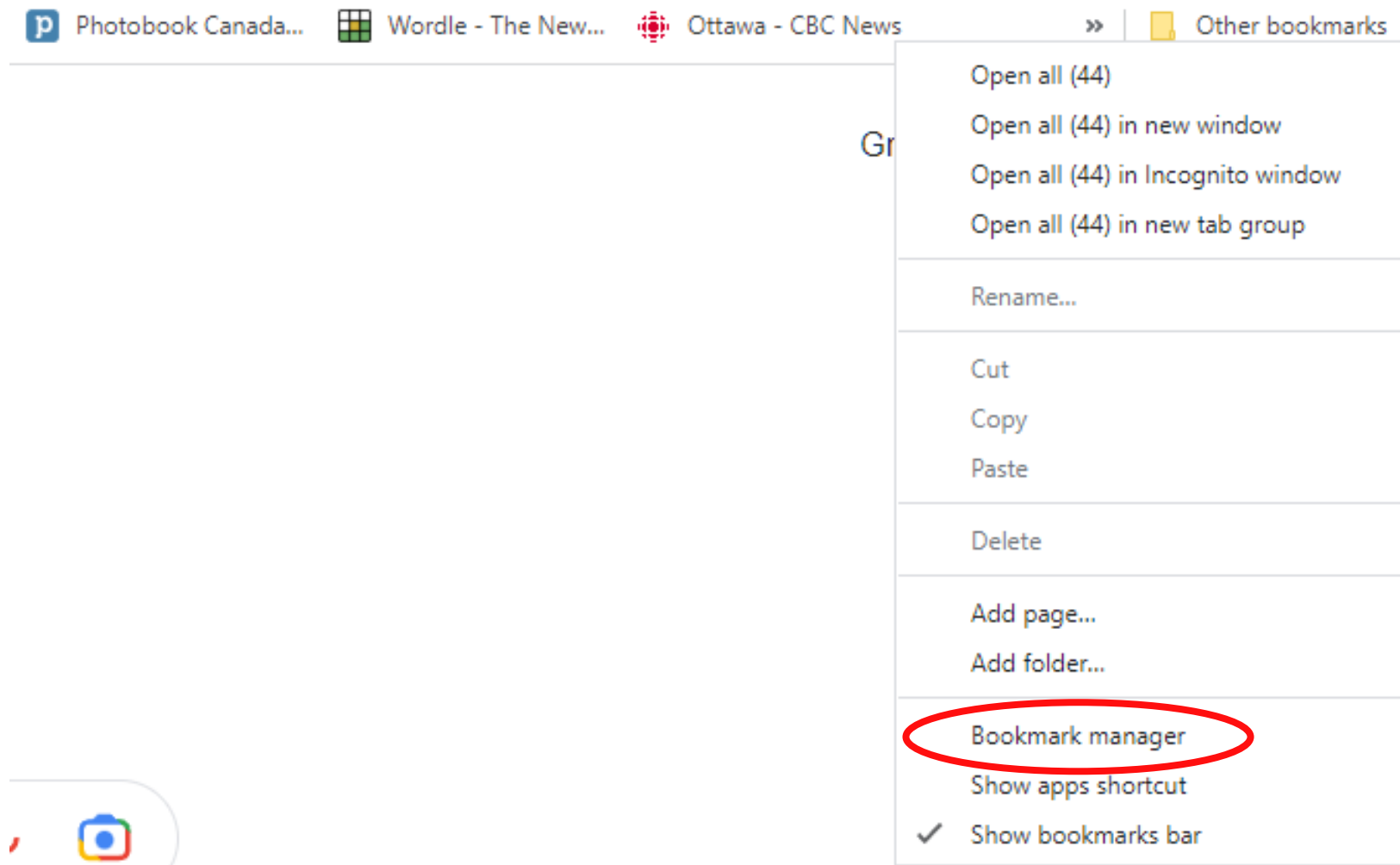
- How to organize bookmark bar using folders
- Gives you more space to see other icons on the main bar since folder replaces multiple favourites.

With no folders

Browser tabs



In Chrome Browser



Bookmarks

 Bookmarks bar

▼  Other bookmarks

 Cooking

 covid

 Dance

 Govt

 Photography

 Shopping

 Travel

 Work

 Search bookmarks

-  Google
-  Google Maps
-  Google Translate
-  (90) Facebook
-  Google Calendar - Week of 27 January 2019
-  (12) YouTube
-  Shutterfly
-  Ottawa Public Library
-  Amazon.ca: Low Prices – Fast Shipping – Millions of Items
-  Orleans Photo Club » MEMBERS ONLY
-  Photobook Canada - Photo Books, Wedding Cards, Travel Albums
-  Wordle - The New York Times

Sort by name

Add new bookmark

Add new folder

Import bookmarks

Export bookmarks

Help center

Add folder

Name

Photography



Bookmarks

▼ Bookmarks bar

Photography

▼ Other bookmarks

Cooking

covid

Dance

Govt

Photography

Shopping

Travel

Work

Photobook Canada...

Wordle - The New...

Ottawa - CBC News



Personal Banking, Scotiabank



(20) Home / Twitter



Bell Inbox (179)



Coronavirus Update (Live): 216,817 Cases and 8,908 Deaths fro...



Ontario COVID-19 Data Tool | Public Health Ontario



COVID-19 epidemiology update - Canada.ca



Quordle



Cineplex.com | Scotiabank Theatre Ottawa



Alta Vista Retirement Residence | Revera



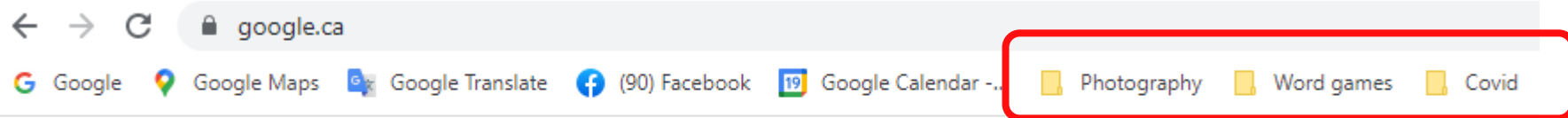
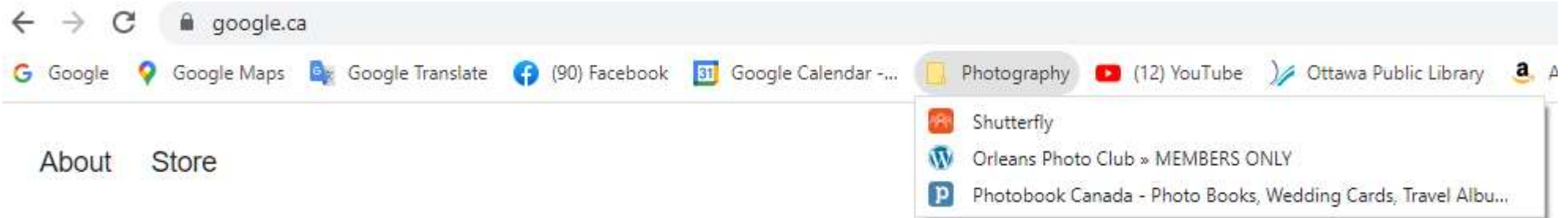
Daily COVID-19 Dashboard - Ottawa Public Health



Photography



Click and drag to
main bookmark bar

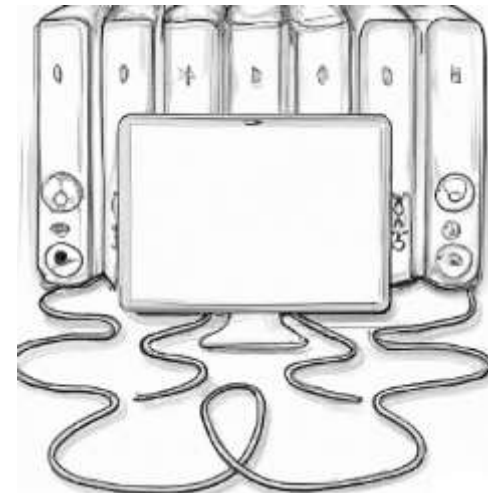


Total of 9 bookmarks collapsed



Changing drive letters

- Flash drive permanently plugged into laptop (drive **D**)
 - contains active files (**quick access list & jump lists reflect this**)
- Needed to replace flash drive
 - plugged in replacement flash drive
 - **D** was already used so replacement drive came up as drive **E**
 - copied all files from **D** (old flash drive) to **E** (new flash drive)
- 4TB backup drive plugged in occasionally
 - used to be drive **E**
 - now comes up as drive **F**
- *How do I restore the former drive letters?*





Windows drive letter assignment

- Windows default
 - uses next available drive letter when plugging in a new drive
- Windows *tends* to remember drive letter assignments
 - when you unplug it and plug it in later
 - tries to use the drive letter last used *for any given drive*
- All that is good...**usually**

A

Nice and orderly

Computer

- internal hard drive **C** (*will never change*)



Plug in flash drive

- Windows assigns **D**



Plug in external hard drive

- Windows assigns **E**

Unplug external hard drive & flash drive



Plug in external hard drive

- Windows assigns **E**
 - even though **D** is available, Windows knows this was **E**



Plug in flash drive

- Windows assigns **D**
 - Windows knows this was **D**

All is good
...so far!

A

Creation of a mess



Plug in flash drive

- Windows assigns **D**



Plug in replacement flash drive

- Windows assigns **E**
- Bob copies all files from **D** to **E** & disposes of **D**

Unplug both
flash drives



Plug in replacement flash drive

- Windows assigns **E**
 - even though **D** available, Windows knows this was **E** & keeps that



Plug in external hard drive

- Windows knew it was **E**
- **E** not available so Windows assigns **F**

Flash drive

- was **D** now **E**

External hard drive

- was **E** now **F**

Big mess for any
program
expecting old
drive assignments

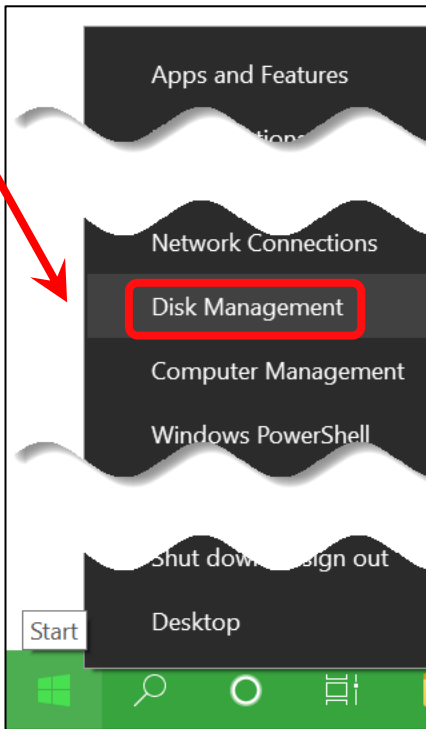
A

Solution: lock down drive letters

1-unplug all external drives

- *except drive you want to set drive letter for*

3-click *Disk Management*



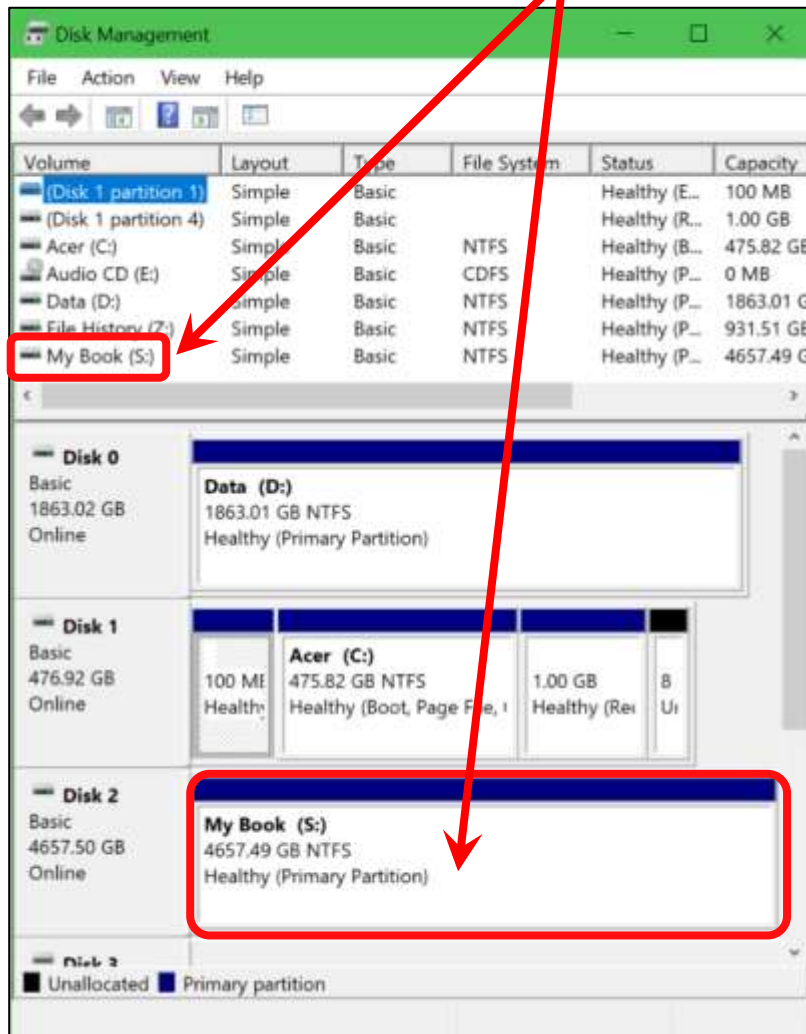
2-right-click *Start* button

A

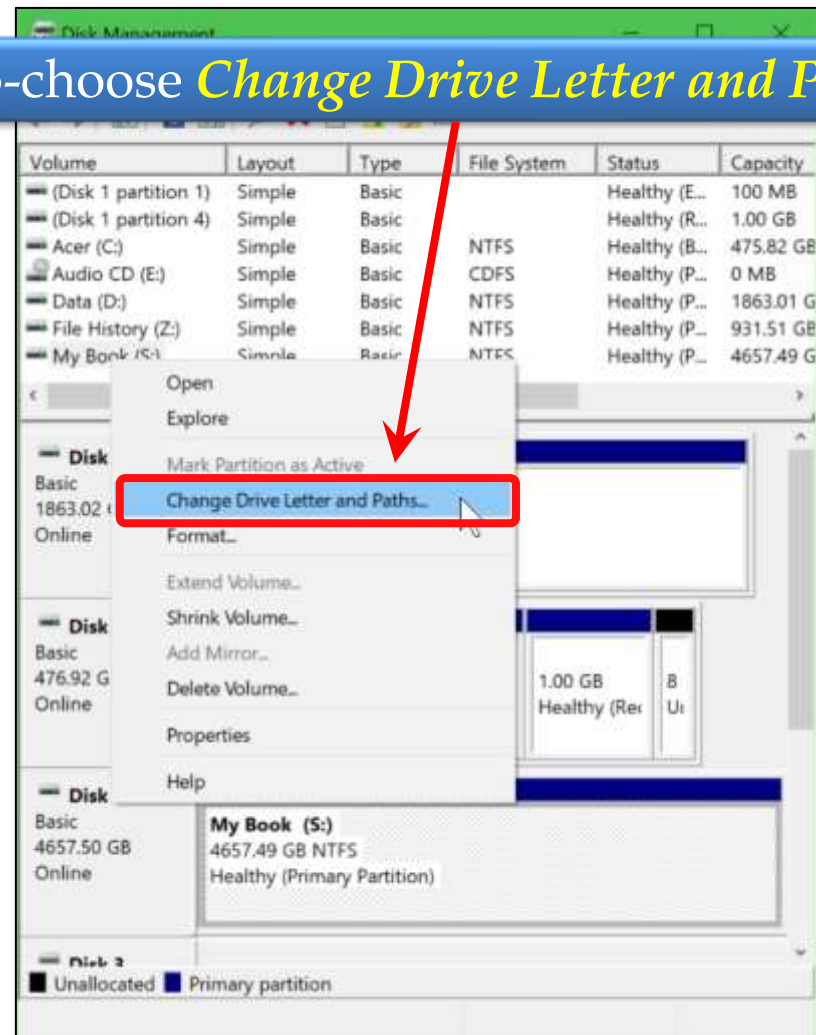
Solution: lock down drive letters

4-right-click drive you want to set drive letter

- can use either pane



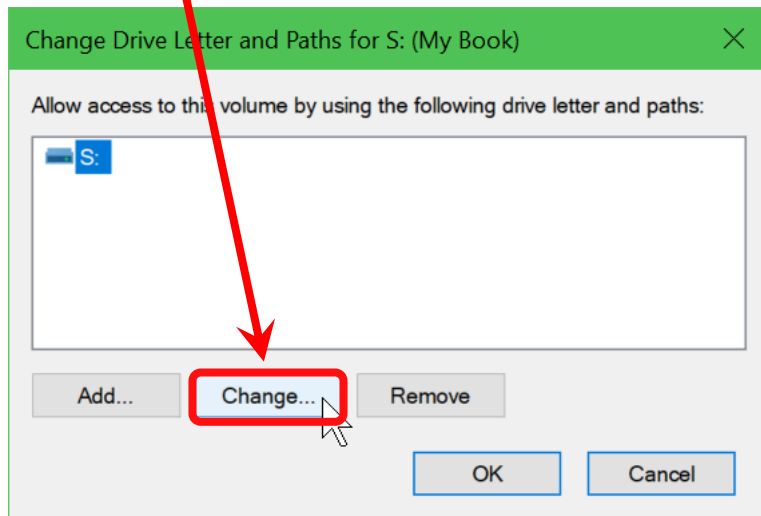
5-choose *Change Drive Letter and Paths*



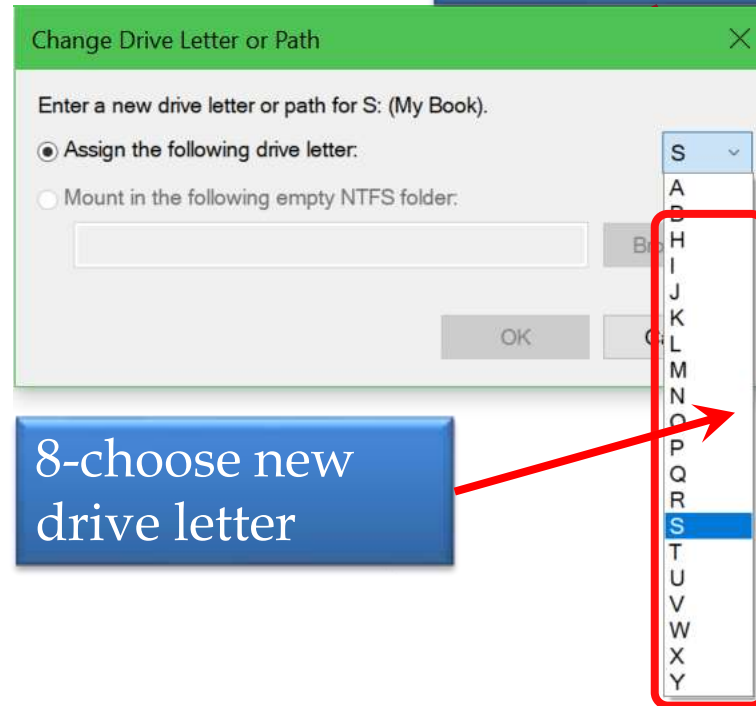
A

Solution: lock down drive letters

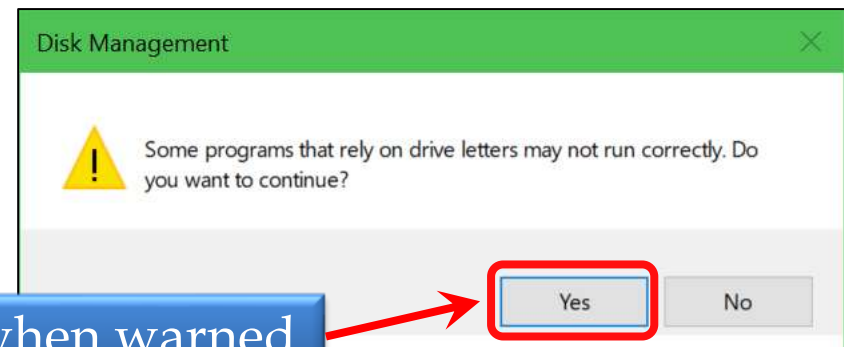
6-click *Change...*



7-click chevron
to open list



8-choose new
drive letter



9-click *Yes* when warned

A Best practices

- Be careful changing drive assignment if drive already in use!
 - *is there anything that will expect the drive letter currently in use?*
- Assign specific, unique drive letters to every external drive
- Assign letters near the end of the alphabet (e.g. **X**, **Y**, **Z**)
 - Windows assigns next available letter at start (e.g. **D**, **E**, **F**)
 - by using end-of-alphabet
 - less chance of Windows using your assigned letters when your assigned drive is not attached
 - if letter unavailable when you plug in your assigned drive, letter changes!
- If external drive used on multiple computers
 - assign the same letter when on each computer
 - but I have had *some* drives not retain drive letter assignment across computers *some* times
- What about assigning drives to **A** or **B** ?
 - in ancient times, these were reserved for floppy drives
 - Windows will never assign an external drive to **A** or **B**
 - Feels like *whistling past the graveyard*



Share

Under the Windows' Hood - Part 2



View the presentation of this item at:

https://opcug.ca/qa_recordings/20221123_UnderTheHood_Part2.pdf

Tom Trottier

Share

Strange keyboard problem

- Went to use clipboard history
 - nada
- Went to load Settings
 - nada
- Hit the *Windows* key
 - nada
- Rebooted
 - *Windows* key still not working
- Tried another keyboard
 - *Windows* key worked



Share

Strange keyboard problem

- Guessed a key failure
 - went looking online for a new keyboard
- Hate when I have to change layout
 - especially arrow keys, Home, End, Print Screen...
- Really like volume control keys on keyboard



Share

Strange keyboard problem

- Compared pictures of keyboards with my keyboard
 - noticed *Game* key at left edge of media controls on my keyboard



- noticed *Game* light in toggle lights was lit



- hit *Game* key
 - *Windows* key works



Share

Final analysis

- Microsoft Answer Forum University
 - Problem: *Windows key not working*
 - Answer: Method 1 (*of 8!!*)
 - Disable gaming mode on your keyboard
 - *Some keyboards, usually marketed as “gaming”, have ability to turn off Windows keys via some hardware switch or Fn key combination in order to prevent pressing this key which usually exits your game.*
 - instructions for Logitech, Corsair, Azio, MSI, ibuypower, Alienware, MS Sidewinder, and some generic keyboards

<https://answers.microsoft.com/en-us/windows/forum/all/windows-key-not-working-already-tried-all-thing-on/0c796f79-0aa8-466e-ab44-802005d1791b>

Share

Final analysis

- Other potential solutions found at Google University
 - change registry to remove *Scancode Map*
 - turn off *Game mode*
 - PowerShell to disable *Development mode* in every app ??????
 - run System File Checker
 - run DISM to *clean up image* and *restore health*
 - creating a new user account
 - check for malware
- Be careful when going to Google University
 - **none of these would have fixed my problem!**

<https://softwarekeep.com/help-center/how-to-fix-the-windows-key-not-working-on-windows-10>



**Any other:
Questions
Comments
Shares?**

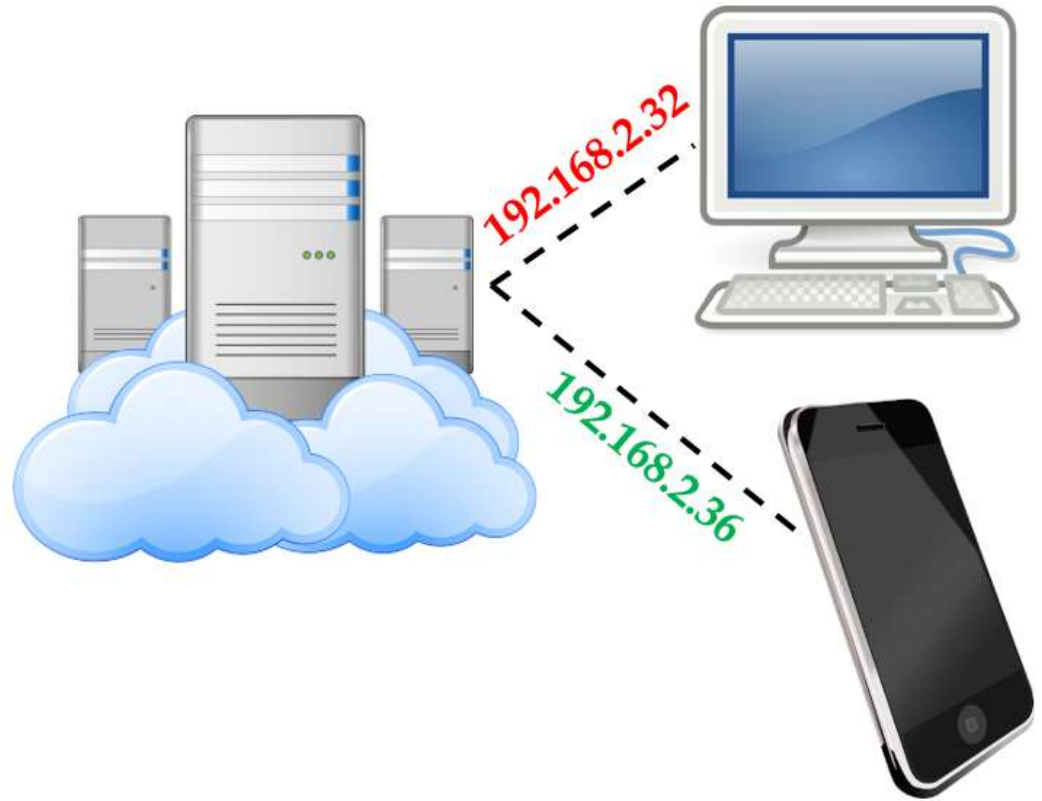
December Meeting



TCP/IP Overview

Stéphane Richard
OPCUG

December 14, 2022
7:30 pm



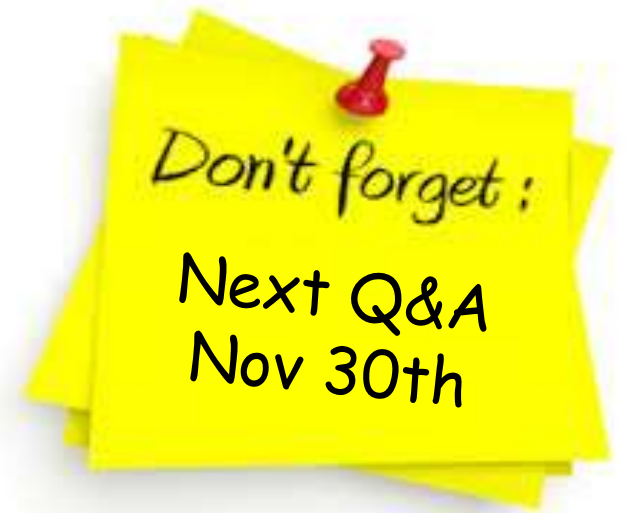


At past December meetings we have often supported the Ottawa Food Bank with food and cash donations.

Now we are on-line it's up to YOU to continue the tradition!

Most needed items include:
Rice, Pasta, Pasta Sauce, Canned Meat and Fish, Canned Fruit and Vegetables, Stew, Chili, Peanut Butter, Diapers, **and Cash.**

Donate at:
1317 Michael Street, Ottawa
or
<https://www.ottawafoodbank.ca/donate/>



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

SuggestionBox@opcug.ca

