



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

*July 22, 2026*

# The Last Ten...



The last ten minutes of our Q&A session will not have any prepared material - so, give some thought to the question that you want to ask!

Share

# AI Caution

IOP Publishing

physicsworld

ARTIFICIAL INTELLIGENCE | OPINION AND REVIEWS

## In the age of AI, we must double down on the skills that make us experts

13 Jul 2026

🕒 Reading Time: 4 minutes

**Nicole Sharp** says that our scientific judgement has never been more important

This is not a hypothetical danger. In 2024 a team led by medical researcher Almira Osmanovic Thunström at the University of Gothenburg invented a fictitious medical condition called “bixonimania” and publicized it through [posts on Medium](#) and two [pre-print papers](#).

Their goal was to test whether AI chatbots would pick up and propagate word of the fake disease, [which they duly did](#). The researchers even tried to insert information that made the work obviously fake. This included acknowledging a colleague from Starfleet Academy, thanking the University of Fellowship of the Ring for funding, and even writing early on in the article that “this entire paper is made up”.

<https://physicsworld.com/a/in-the-age-of-ai-we-must-double-down-on-the-skills-that-make-us-experts/>

Share

# AI Caution

ARTIFICIAL INTELLIGENCE | OPINION AND REVIEWS

## In the age of AI, we must double down on the skills that make us experts

13 Jul 2026

🕒 Reading Time: 4 minutes

**Nicole Sharp** says that our scientific judgement has never been more important

This is not a hypothetical danger. In 2024 a team led by medical researcher Almira Osmanovic Thunström at the University of Gothenburg invented a fictitious medical condition called “bixonimania” and publicized it through [posts on Medium](#) and two [pre-print papers](#).

Their goal was to test whether AI chatbots would pick up and propagate word of the fake disease, [which they duly did](#). The researchers even tried to insert information that made the work obviously fake. This included acknowledging a colleague from Starfleet Academy, thanking the University of Fellowship of the Ring for funding, and even writing early on in the article that “this entire paper is made up”.

<https://physicsworld.com/a/in-the-age-of-ai-we-must-double-down-on-the-skills-that-make-us-experts/>

# Windows clipboard

- In Windows since v1.0 (November 20, 1985)
- Copy an item (text or graphics) to clipboard
  - select item and press *ctrl+c*
  - menu option—usually *edit > copy*
  - toolbar item
- Paste the item to a new location/program
  - press *ctrl+v*
  - menu option—usually *edit > paste*
  - toolbar item
- Single item buffer in memory
  - item remains in buffer
  - until something else copied to clipboard or computer rebooted
  - new item replaces first item in buffer

# Multiple-item clipboards

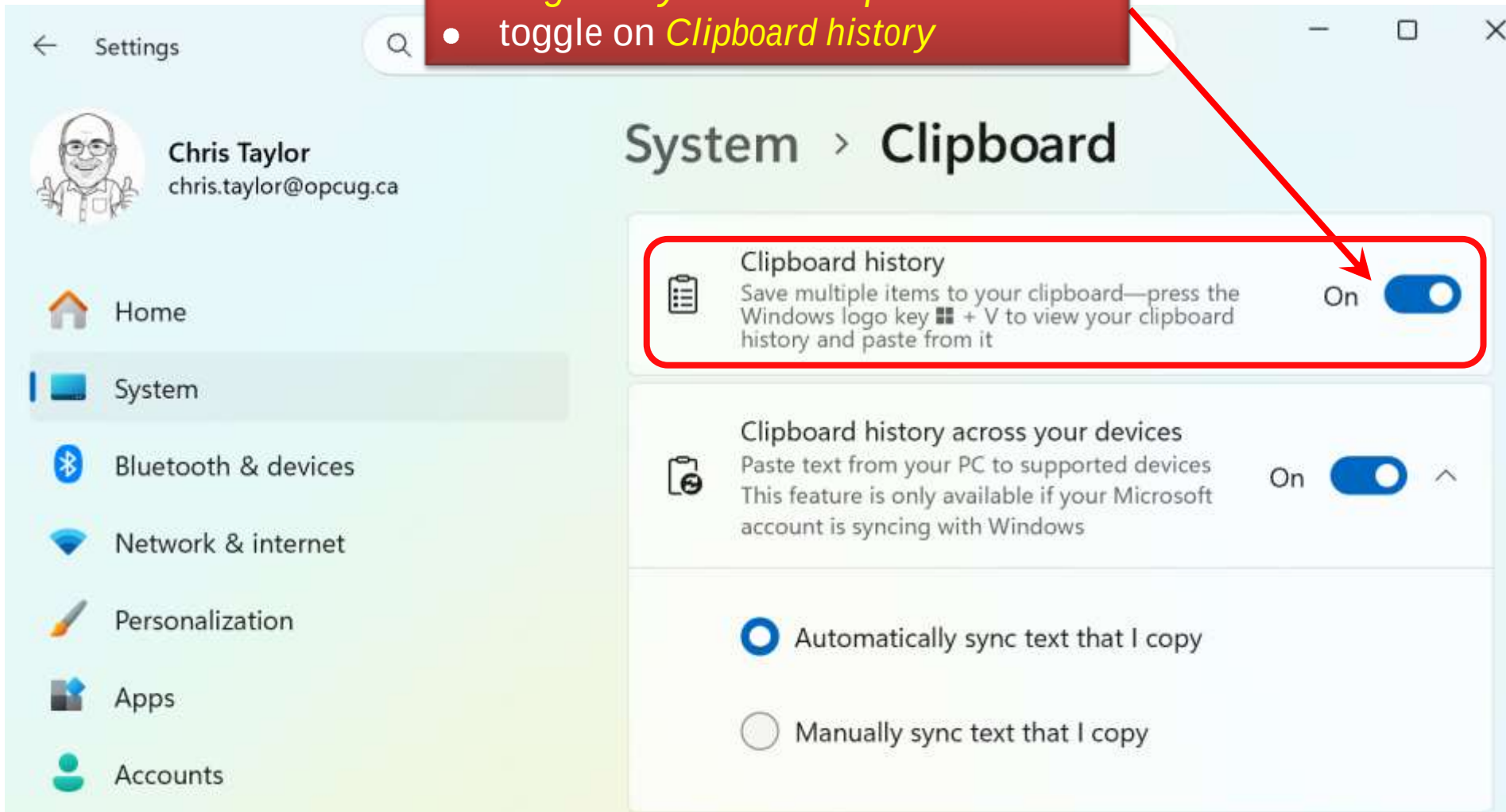
- Office 2000 introduced *Office clipboard* mid-1999
  - store up to 24 items copied to the clipboard
  - limited to use within Microsoft Office programs
- Third-party clipboard managers provide
  - history & search, etc.
- *Windows 10 October 2018 Update* (v1809) introduced
  - *Clipboard history*
    - stores up to 25 clipboard items in a first-in, first-out buffer
    - can pin items in *Clipboard history* so they remain available
      - until unpinned
  - *Clipboard history across your devices*
    - a.k.a. *Cloud clipboard*
    - copy to clipboard on one computer and paste on another

Share

# Enable *Clipboard history*

*Settings > System > Clipboard*

- toggle on *Clipboard history*





Share

# Using *Clipboard history*

After copying something to clipboard

- go to where you want to paste item
- press **Win+v**
  - most recently copied item at top
- click entry you want to paste
  - or arrow to it & press **Enter**

Clipboard

Clear all

Here is the value of an OPCUG membership:  
p:

Welcome to the Ottawa PC Users' Group (OPCUG).  
We are a not-for-profit organization located

Example of graphic on *Clipboard history*



Clipboard

Clear all



Welcome to the Ottawa PC Users' Group (OPCUG).  
We are a not-for-profit organization located

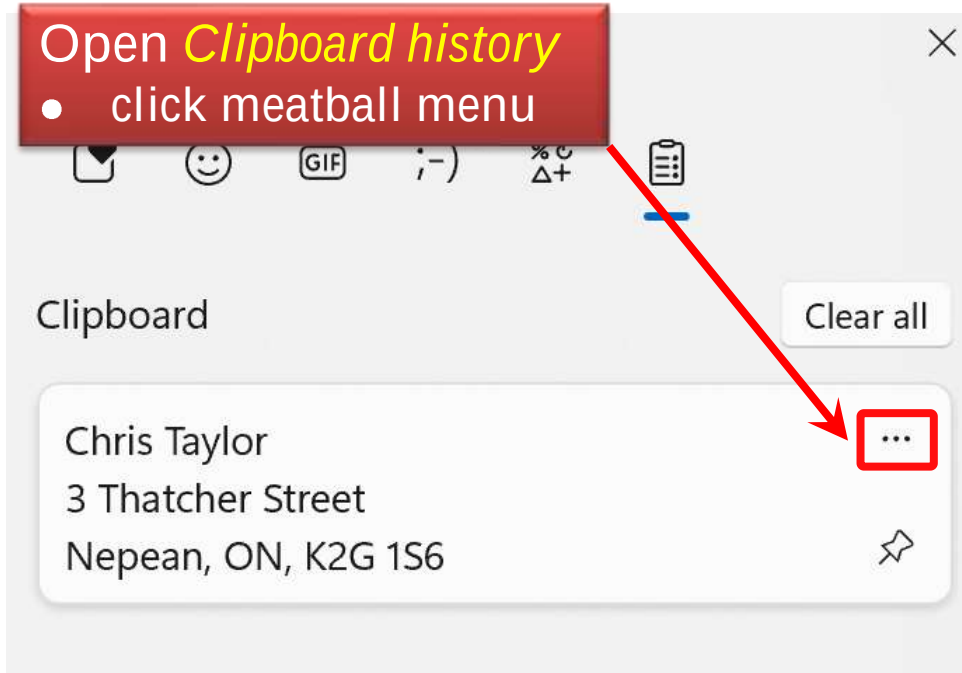


Share

# Clipboard history menu

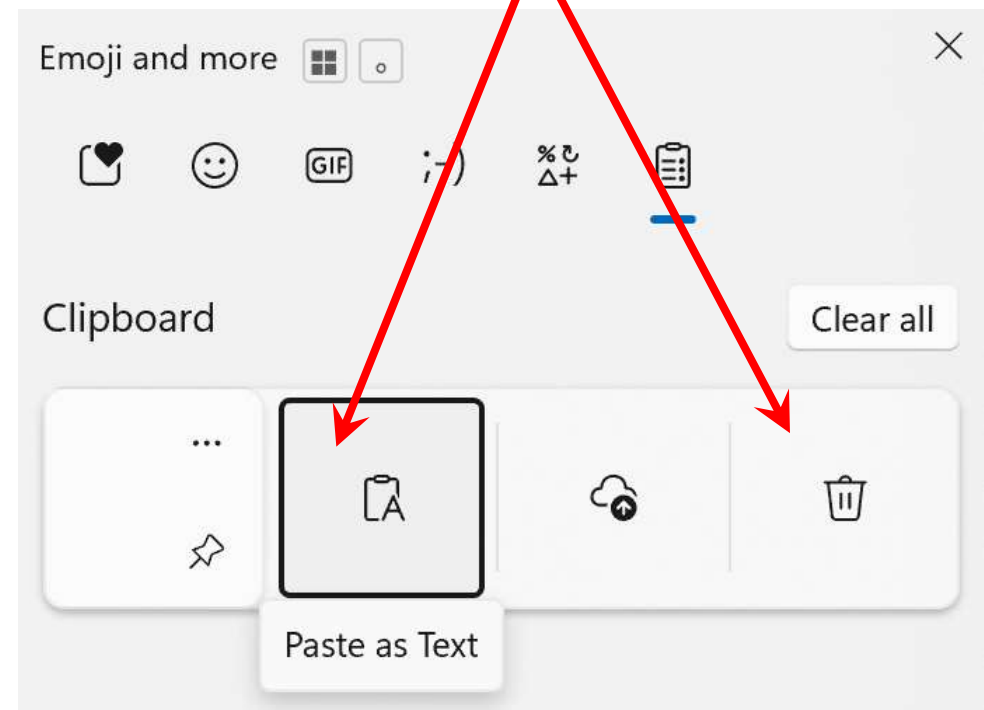
Open *Clipboard history*

- click meatball menu



Choose option

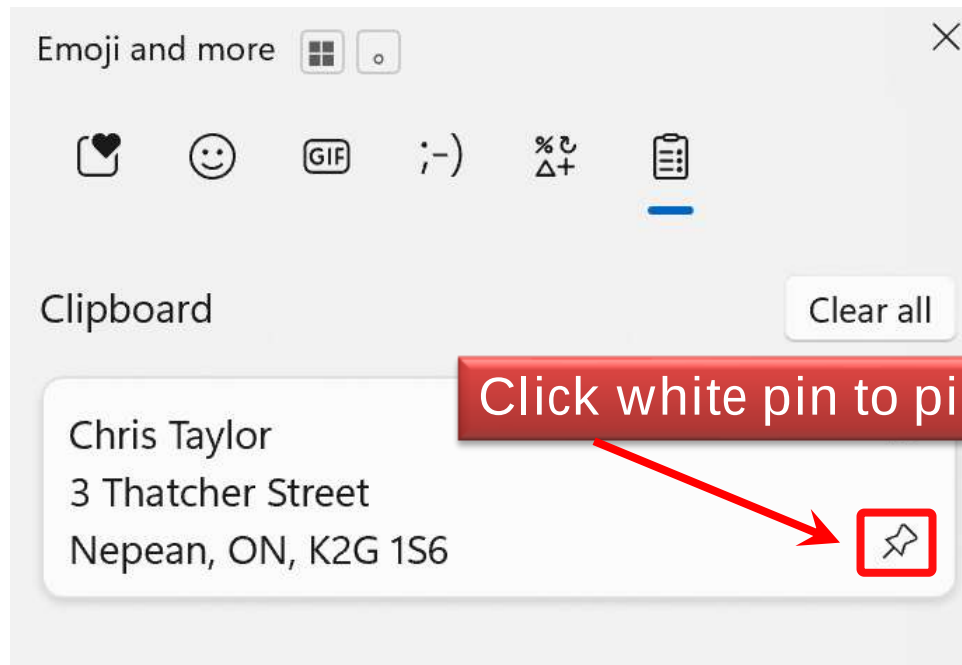
- *Paste as Text*
  - removes any formatting
- *Delete*



Share

# Pinning items

- Keep items in *Clipboard history*
  - normal operation is 25 items in first-in, first-out buffer
- Pin items to prevent flushing from buffer



Click white pin to pin item

Pinned items show black pin

- click black pin to unpin



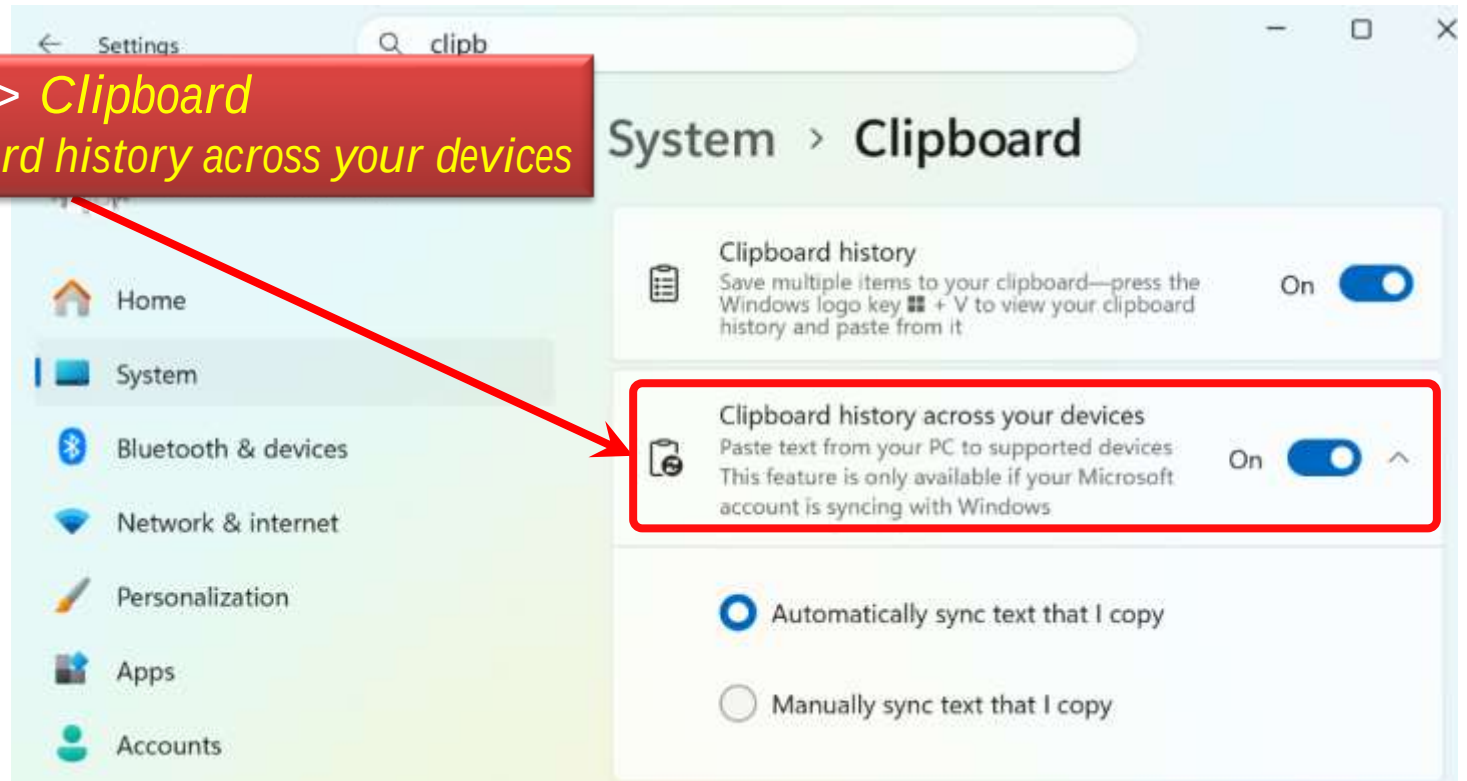
- Eventually pinned items migrate to bottom of list
  - new items are always added to top

Share

# Clipboard history across your devices

**Settings > System > Clipboard**

- toggle on **Clipboard history across your devices**

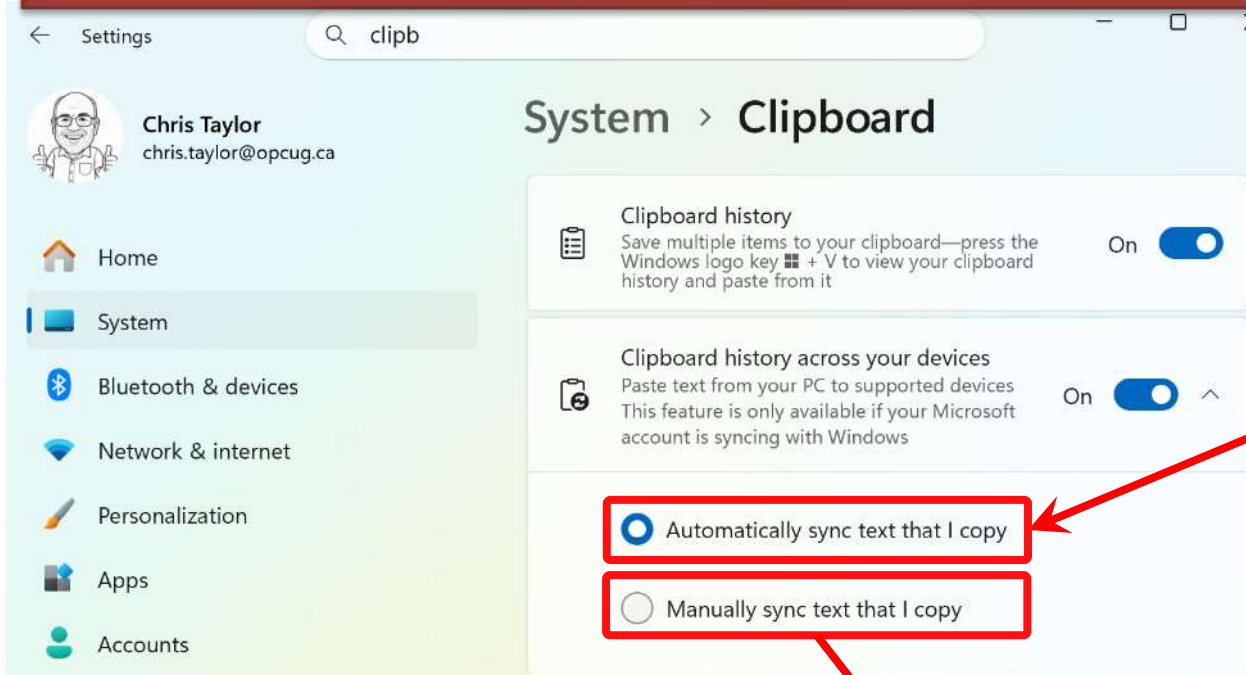


- Copy text to clipboard on 1<sup>st</sup> computer
- Text appears in *Clipboard history* on 2<sup>nd</sup> computer
  - paste where you want it on 2<sup>nd</sup> computer

Share

# Automatic vs manual sync

*Settings > System > Clipboard > Clipboard history across your devices*

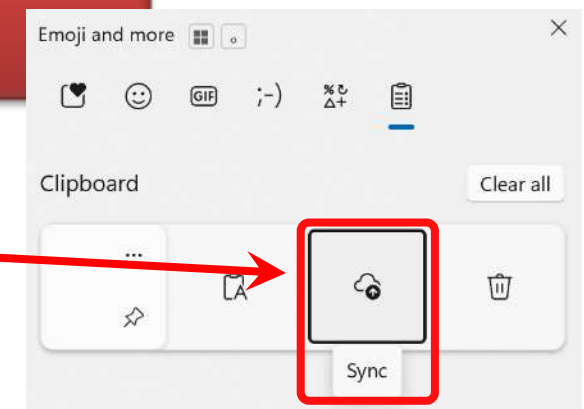
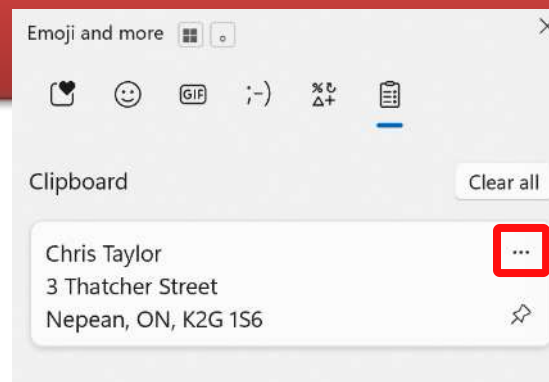


As soon as you copy text to clipboard on 1st computer

- text is copied to **Clipboard history** on 2<sup>nd</sup> computer

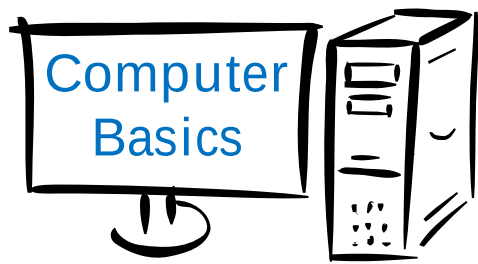
Text copied to **Clipboard history** on 2<sup>nd</sup> computer only when you

- click the meatball menu
- click **Sync** button

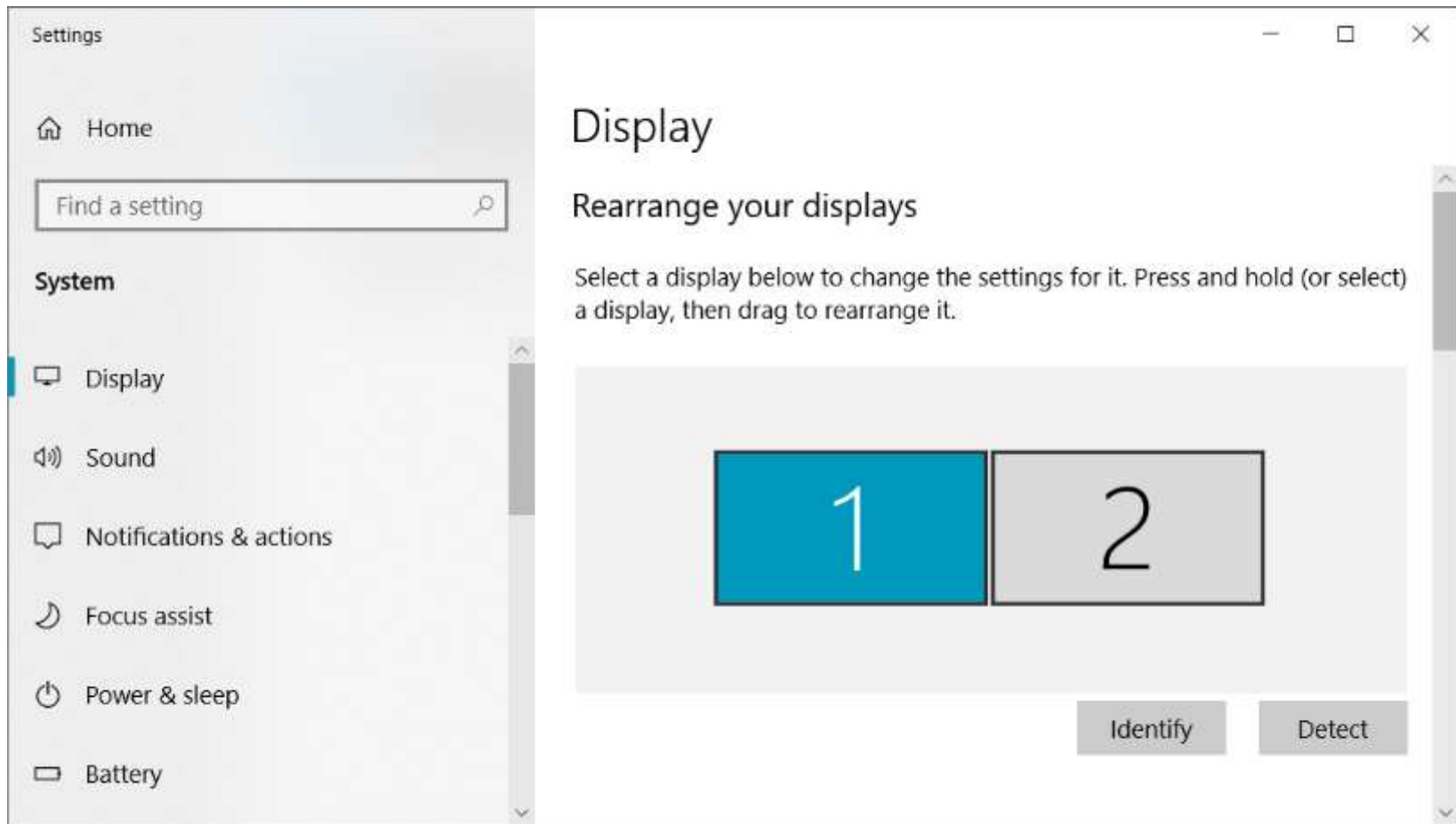


# Clipboard limitations

- Clipboard
  - text and graphics
    - & some special formats defined by program adding data to clipboard
  - no practical size limit—available RAM/virtual memory
    - ~2 GB in a 32-bit process
- *Clipboard history*
  - text and graphics
  - excludes most special formats & data types
    - e.g. copying a file in *File Explorer*
  - ~4 MB size limit (per item)
  - 25 items in first-in, first-out buffer
- *Clipboard history across your devices*
  - signed into Windows with same Microsoft Account on both computers
  - text-only
  - “less than 100K” size limit
    - under 50K in my testing



# Customizing the Desktop

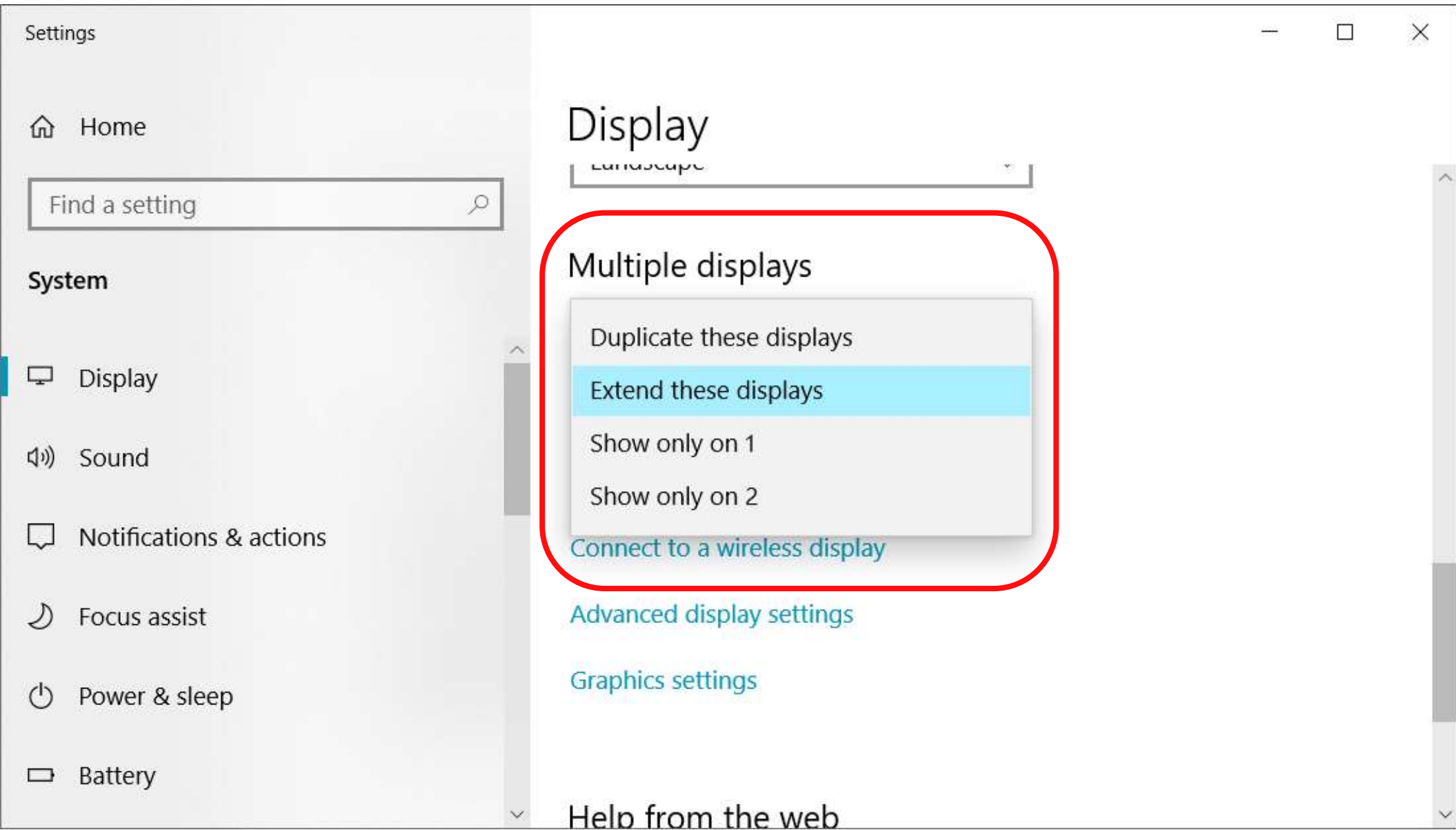


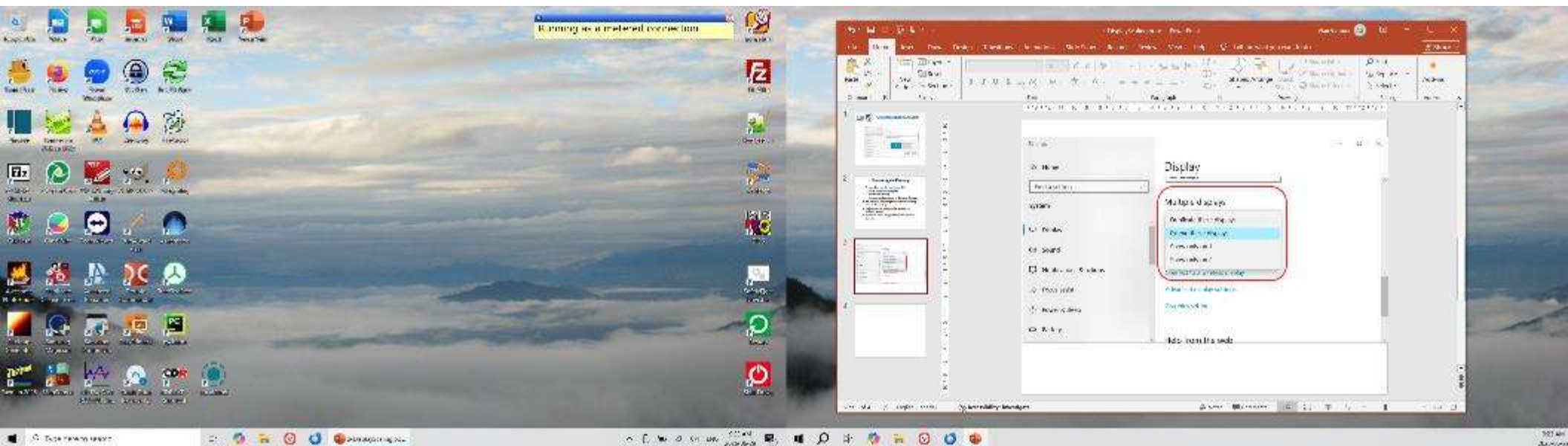
# Extending the Desktop

- A secondary monitor can be used to
  - duplicate the main display
  - extend the desktop  
(become an extension of the main display)
- An extended desktop provides more working area on the desktop
- Different applications can be running on different screens
- An application window can be dragged from one screen to the other



Right-click on the desktop; select *Display Settings*







 HomeFind a setting 

## System

 Display Sound Notifications & actions Focus assist Power & sleep Battery

# Display

## Scale and layout

Change the size of text, apps, and other items

125% (Recommended) [Advanced scaling settings](#)

Display resolution

1920 × 1080 (Recommended) 

Display orientation

Landscape 

## Multiple displays



# Scale and Layout

- Changing the scale (100 – 125 – 150 – 175%) can make the icon captions larger and easier to read
- It also changes the size of the icons and can disrupt the desktop layout
- Text in applications will generally scale; larger text is easier to read
- Application windows and taskbar items will likely scale
- Graphic elements (control buttons, sliders, etc.) will also scale



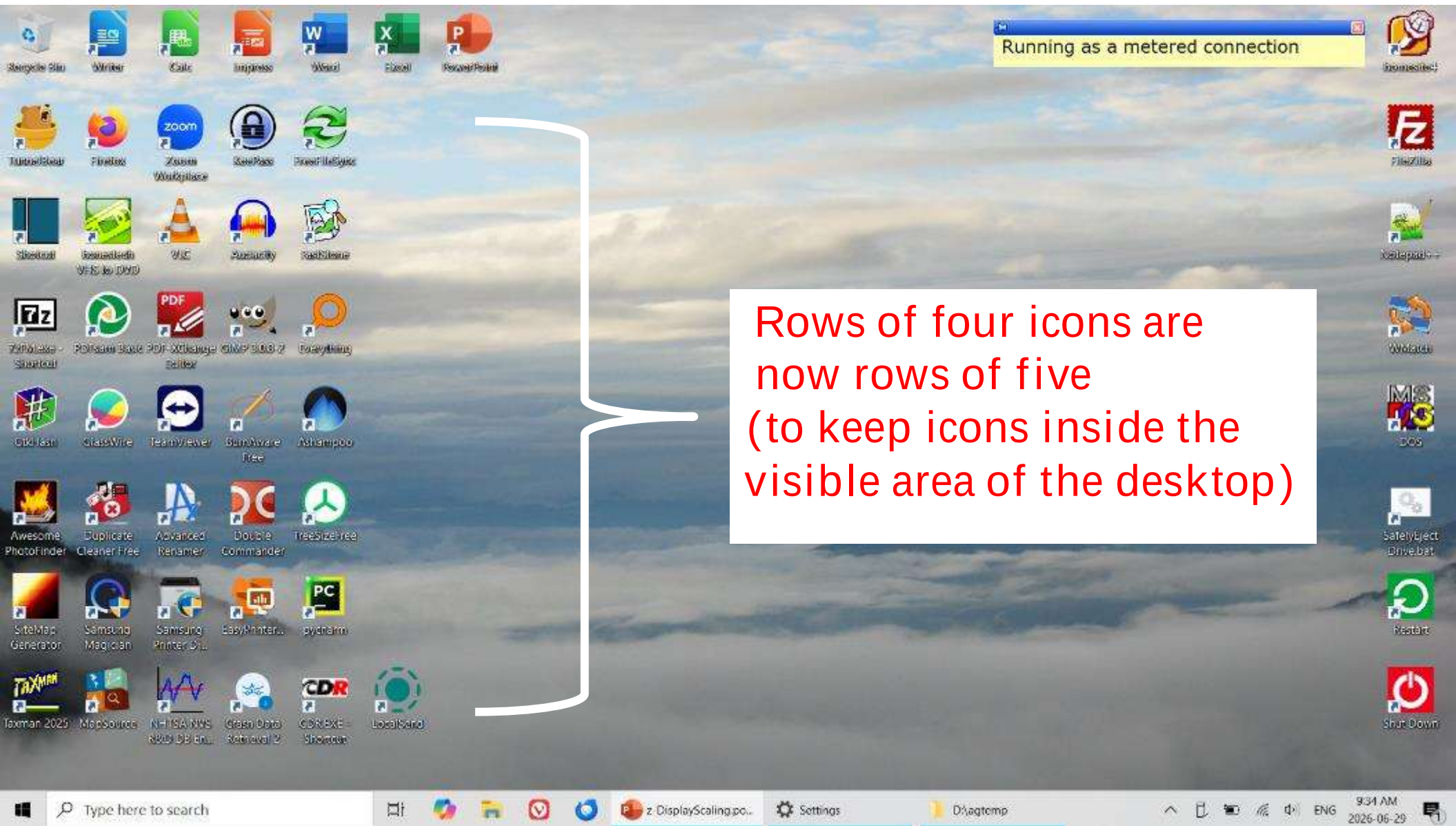
Running as a metered connection



Type here to search

z-DisplayScaling.pdf - Po... Settings DisplayTemp

9:35 AM 2025-06-20





D:\alan\opcug\presentations\0\_index.txt - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

0\_index.txt

```
1 July 1, 2026
2
3 YouTube Tech - Microsoft Proved Linus Torvalds Right - Again
4 Follow-Up - Microsoft Extended Security Updates for Windows 10
5 Follow-Up - SD cards and phones
6 Share - Freeing up disk space on an Android phone - Part 2
7 Share - Tran
8 Share - Vibe
9
10
11
12
13
14
15
16
17
18
19
20
21 =====
22
23 Computer Bas
```

Normal text file

D:\alan\opcug\presentations\0\_index.txt - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

0\_index.txt

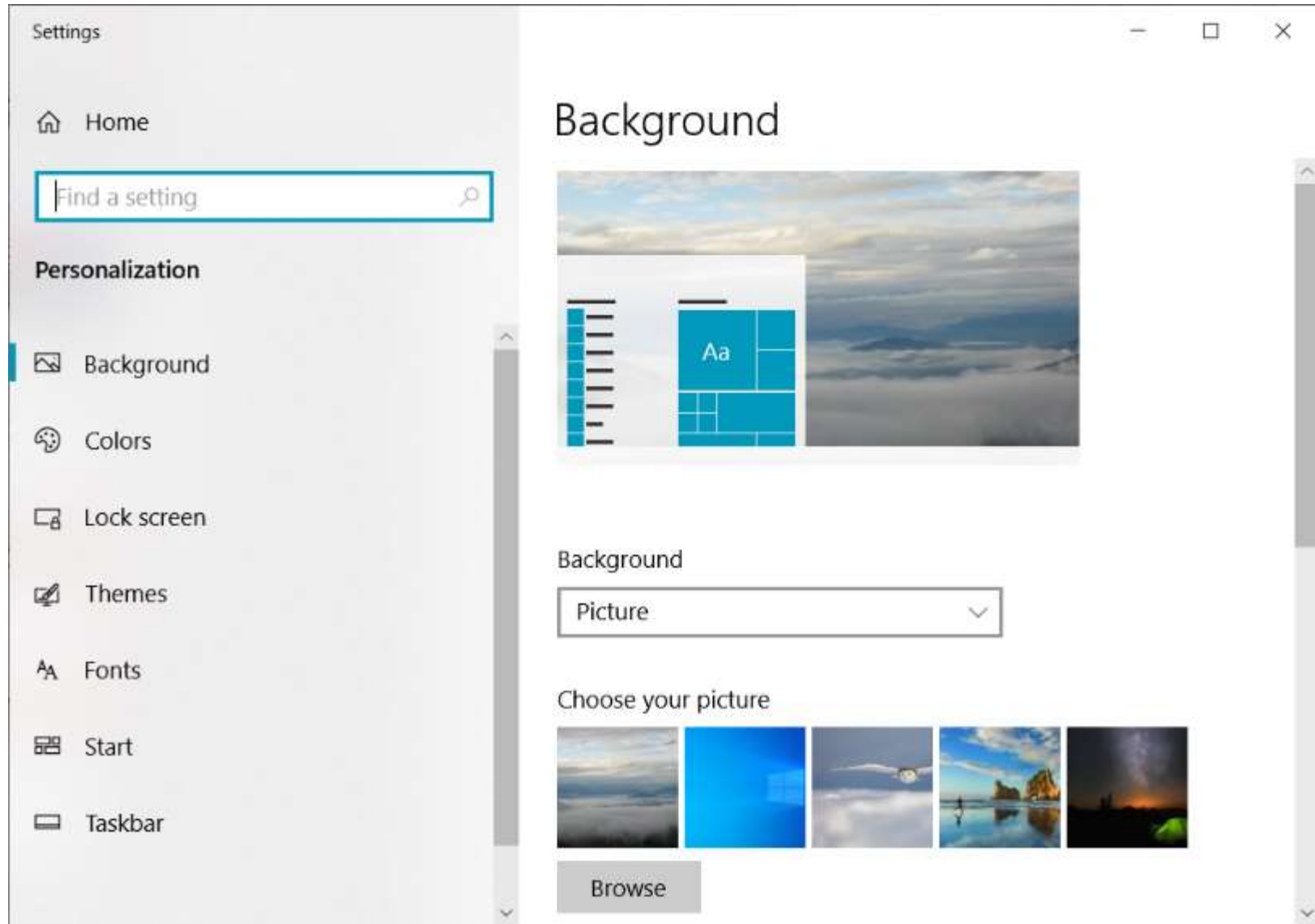
```
1 July 1, 2026
2
3 YouTube Tech - Microsoft Proved Linus Torvalds Right - Again
4 Follow-Up - Microsoft Extended Security Updates for Windows 10
5 Follow-Up - SD cards and phones
6 Share - Freeing up disk space on an Android phone - Part 2
7 Share - Transcribe audio to text
8 Share - Vibe Coding - Part 8
9
10
11
12
13
14
15
16
17
18
19
```

Normal text file

|                |              |        |        |          |                 |       |     |
|----------------|--------------|--------|--------|----------|-----------------|-------|-----|
| length: 79,199 | lines: 2,798 | Ln: 10 | Col: 1 | Pos: 307 | Windows (CR LF) | UTF-8 | INS |
|----------------|--------------|--------|--------|----------|-----------------|-------|-----|



# Changing the Desktop's Background



- Right-click on the desktop
- Select *Personalize*
- Options are choice of image(s) and the image display mode

Background

Picture

Solid color

Slideshow

Windows spotlight

Choose a fit

Fill

Fit

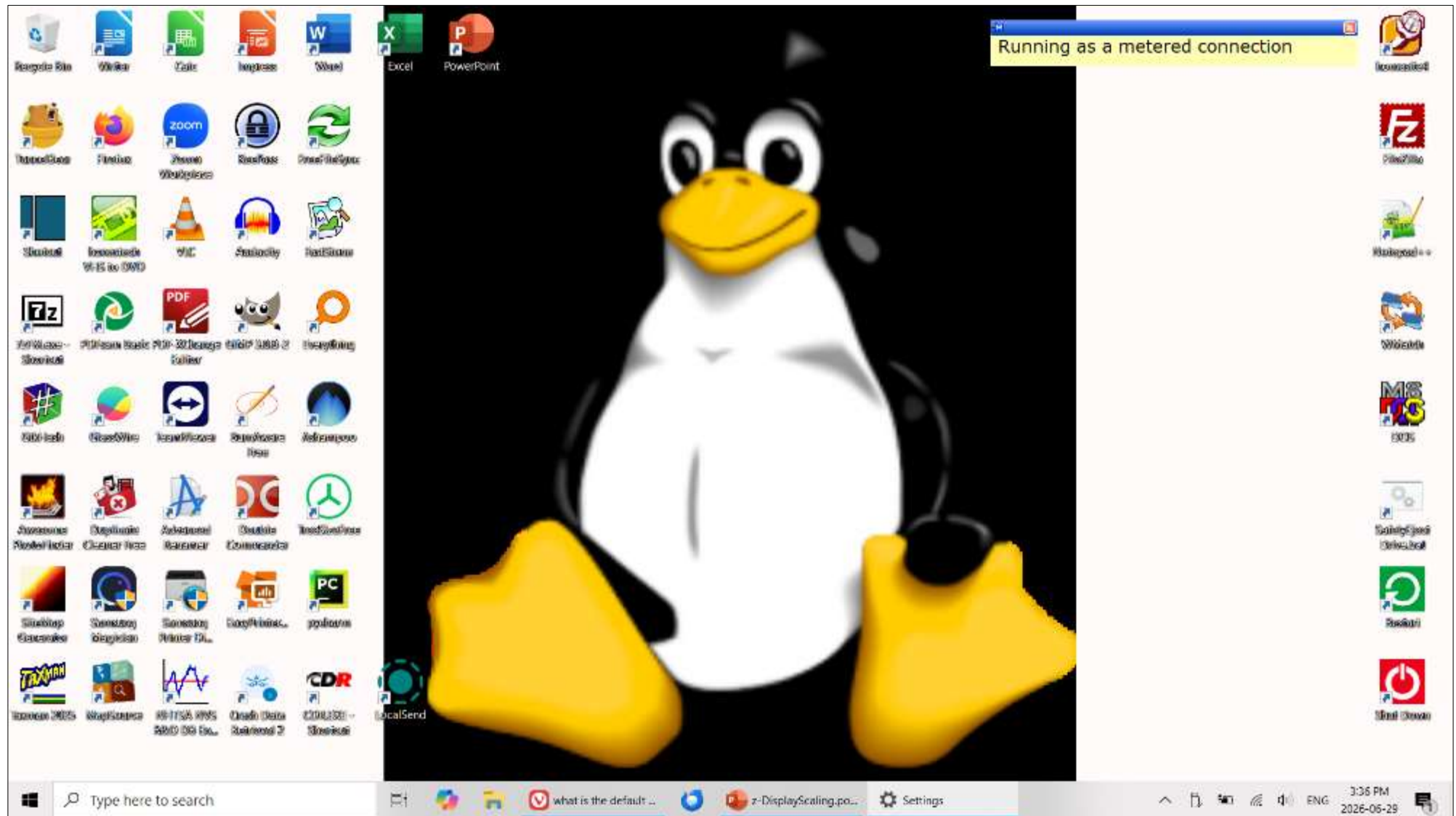
Stretch

Tile

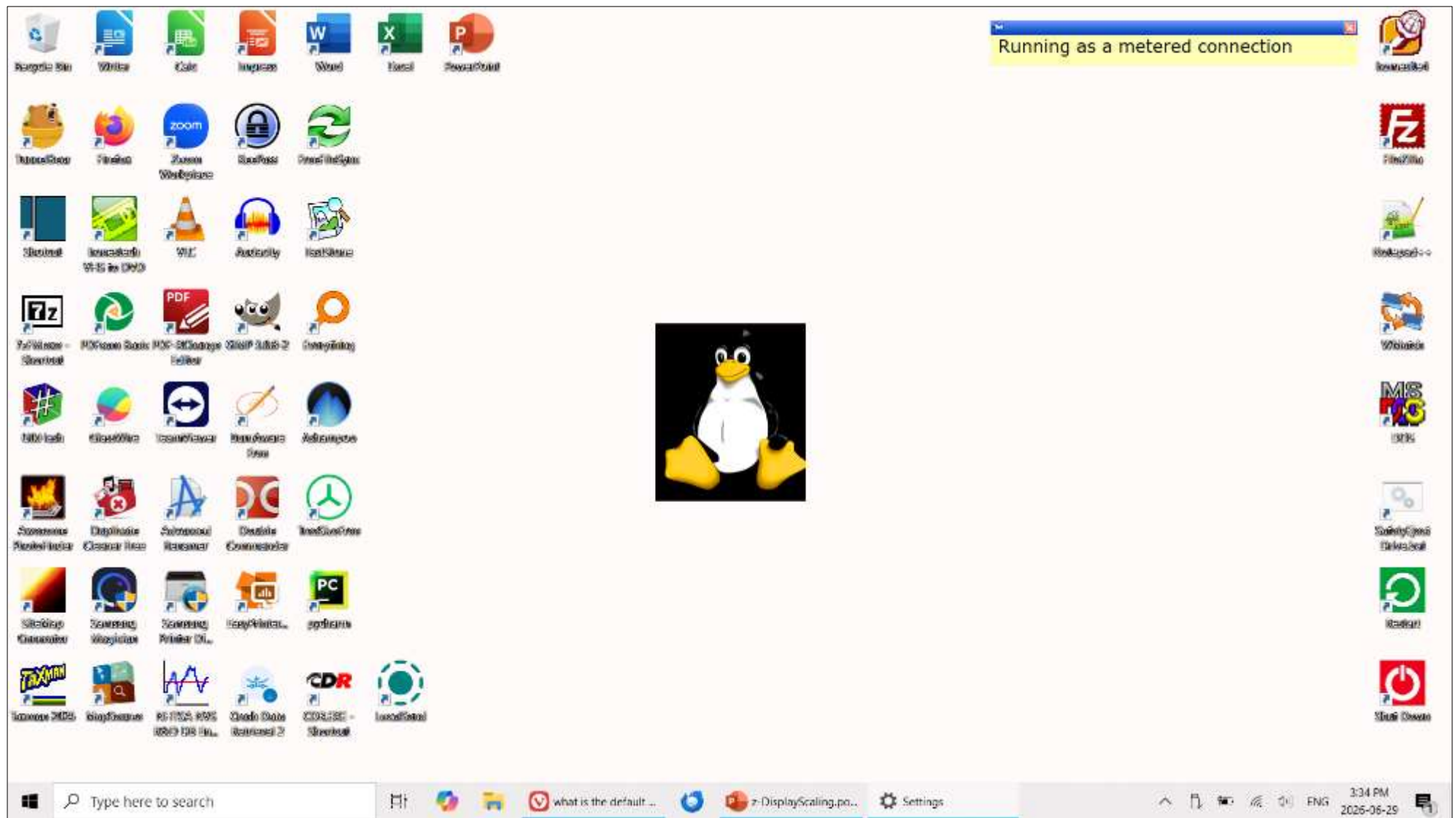
Center

Span

# Fit - white background



# Centre - white background





# Tile



Fill Image: 3072 x 2304 px

Screen resolution: 1920 x 1080 px





# More on Multiple Displays

Paul Thurrott



June 26, 2026

- Understand multi-display setups
- Connect to a secondary display
- Configure the taskbar for multiple displays
- Connect to a wireless display
- Use another PC as a wireless display

<https://www.thurrott.com/books/windows-11-field-guide/hardware-windows-11-field-guide/337974/multiple-displays>

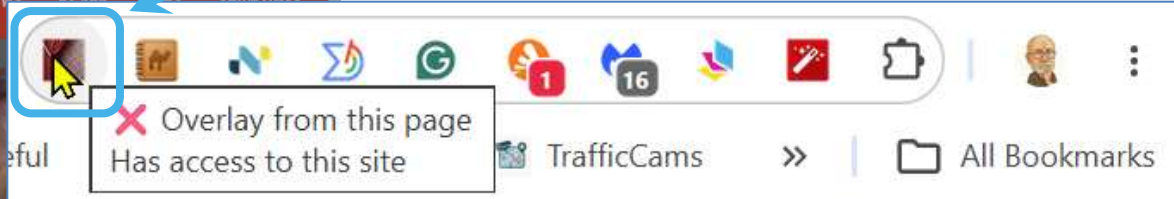
Share

# Behind The Overlay

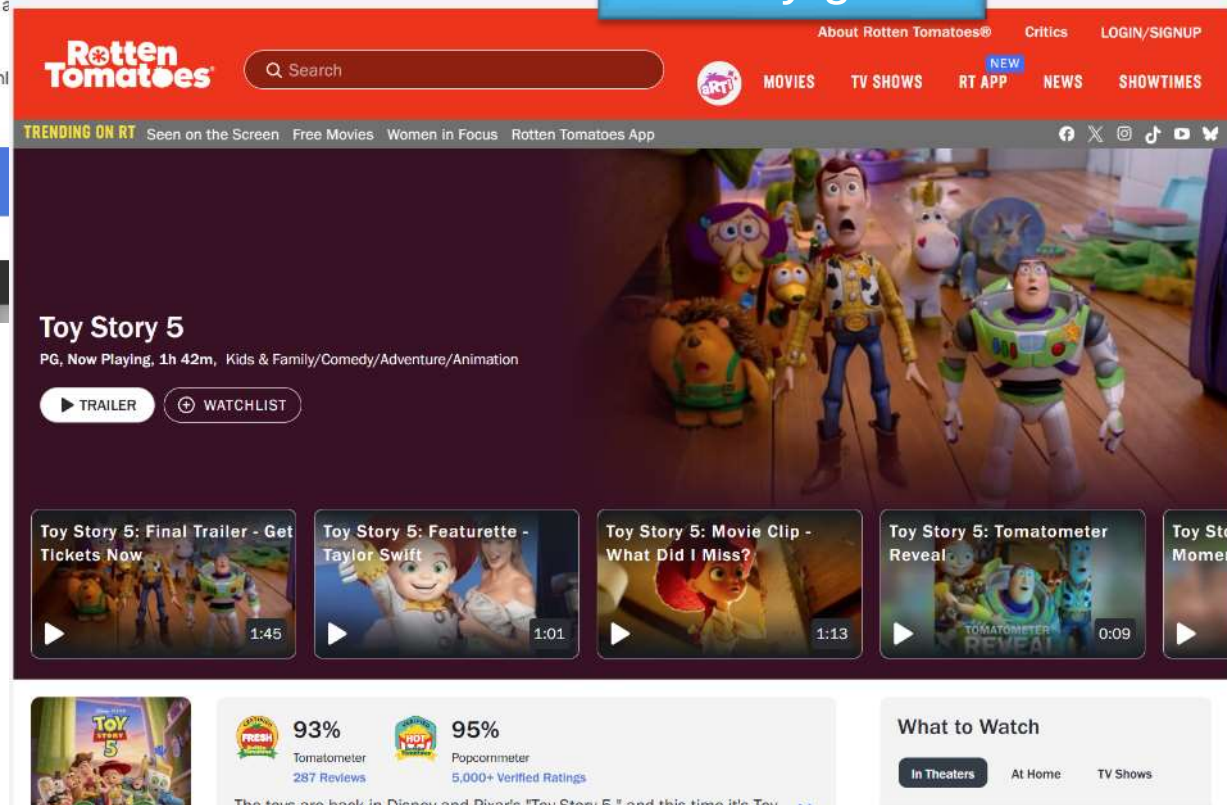
- Website blocks content with an overlay
- You must do something before you can access content
  - create an account
  - disable your ad-blocker
  - watch a video
  - give them money
- Wouldn't it be nice if you could get rid of the overlay without doing any of the things they want you to?
- You can with *Behind The Overlay* browser extension
  - ...sometimes
  - this used to work much more universally
  - but it still works sometimes

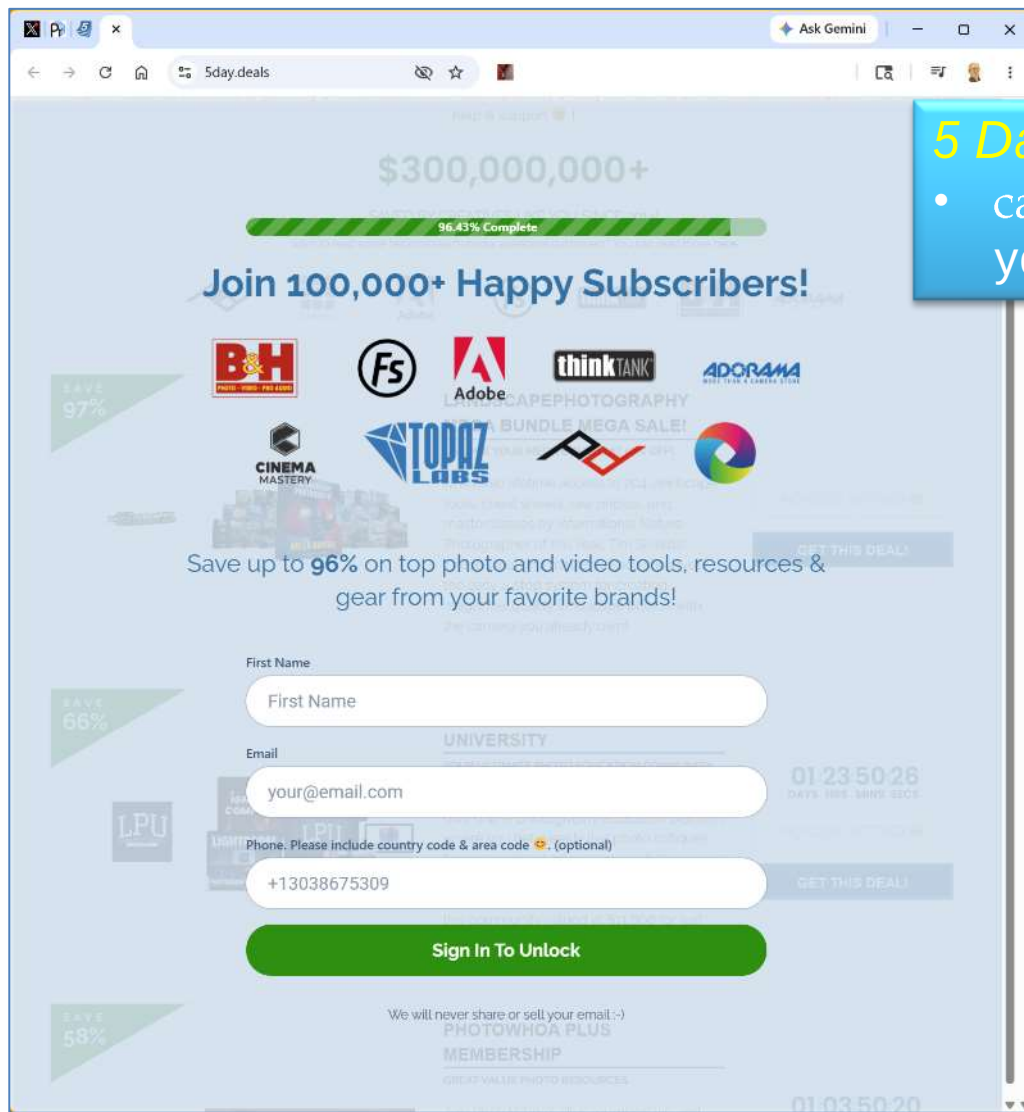
# Share

Click *Behind The Overlay* icon on browser toolbar



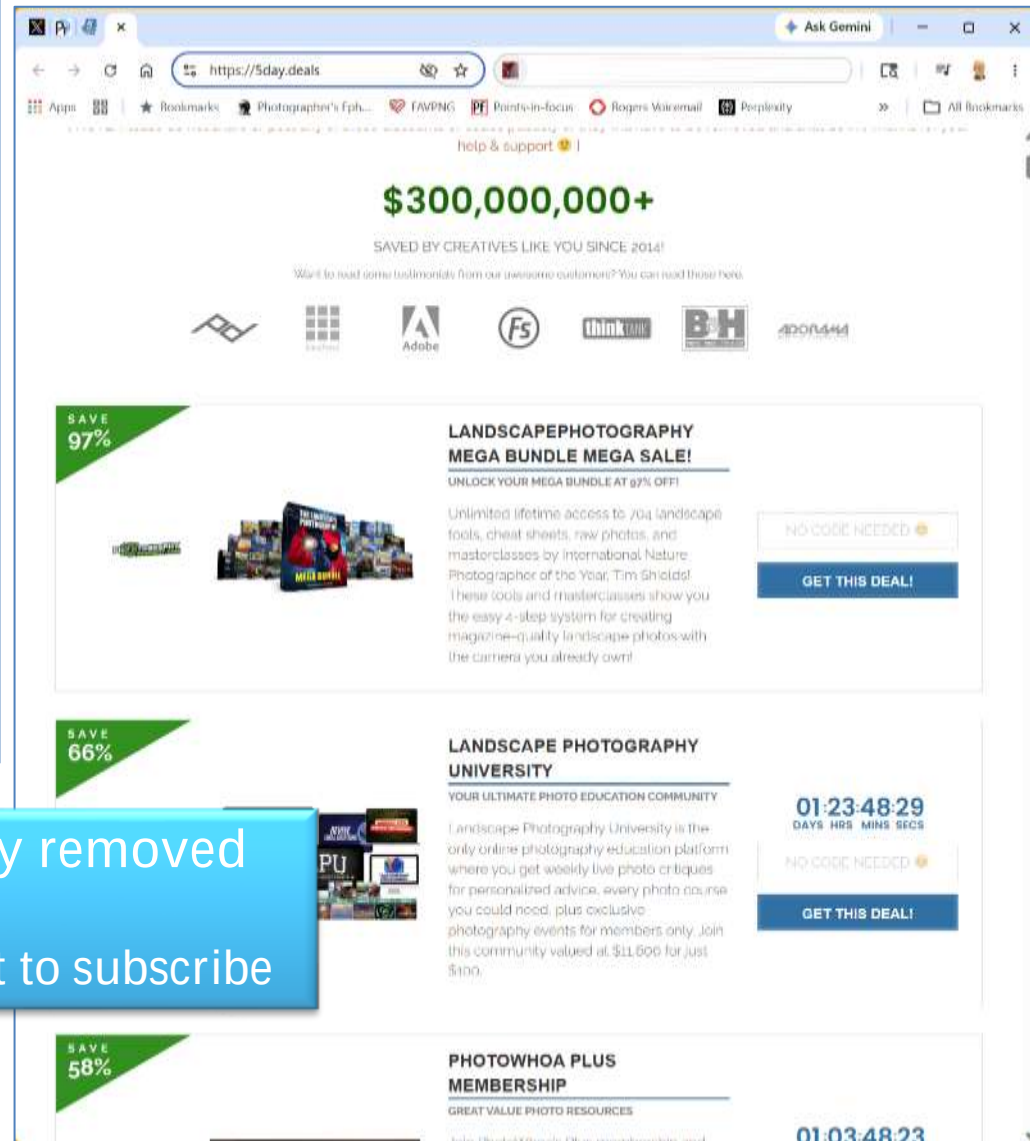
## Overlay gone





## 5 Day Deals with overlay

- can't even see the deals until you subscribe



## 5 Day Deals with overlay removed

- can see deals
- then decide if you want to subscribe



Do I want to give?



## A free press is a cornerstone of democracy.

Support our trusted, reliable, independent journalism with your generous monthly gift today.

[Give monthly →](#)



Leave your feedback

Share \*\*\*

By — Michael R. Blood, Associated Press

## Voting underway in California on new maps that could swing House control

Politics Oct 6, 2025 2:50 PM EST

LOS ANGELES (AP) — The midterm elections might be a year away, but the fight for control of the U.S. House is underway in California.

Voting opened statewide Monday on whether to dramatically reshape California's congressional districts to add as many as five Democrat-held seats in Congress — a possible offset to President Donald Trump's moves in Texas and elsewhere to help Republicans in the 2026 election.

The outcome of the 70-word, "yes" or "no" question could determine whether the party wins control of the closely divided House, and whether the state can be able to blunt Trump's power in the second half of his term and help immigration to reproductive rights.

The proposal is "a starting point for the 2026 race," said Democratic consultant Roger Salazar.

"2026 is the whole ball game," he said.

The national implications of California's ballot measure are clear in both the money it has attracted and the figures getting involved. Tens of millions of dollars are flowing into the race — including a \$5 million donation to

maps is spreading. Here's where things stand in Missouri and other states

By Associated Press

Utah's congressional maps must be redrawn right away, judge rules

By Mead Gruver, Associated Press

Texas governor signs new voting maps pushed by Trump to gain five GOP seats in Congress in 2026

By Jim Vertuno, Andrew DeMillo, Associated Press

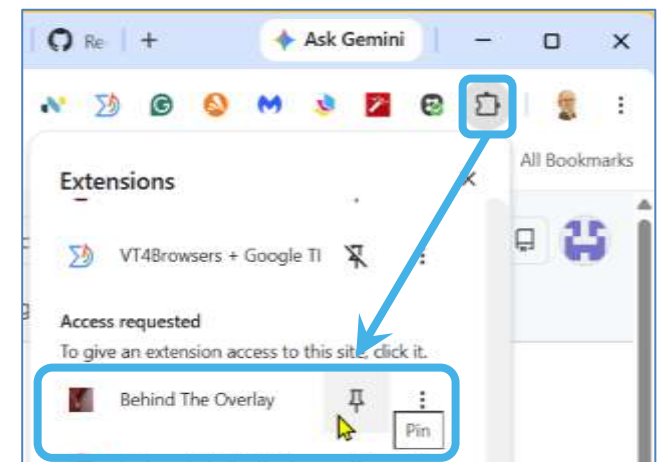
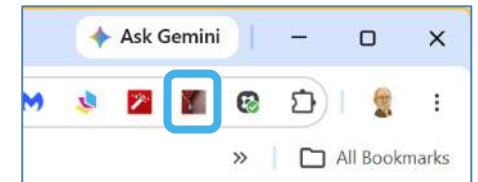
Maybe not...



Share

# Behind The Overlay

- Chromium browsers (Google Chrome, Edge, Vivaldi, Brave, etc.)
  - <https://chromewebstore.google.com/detail/behind-the-overlay/ljipkdpcjbmhkdjjmbbaggebcednbbme>
- Firefox
  - [https://addons.mozilla.org/en-US/firefox/addon/behind\\_the\\_overlay/](https://addons.mozilla.org/en-US/firefox/addon/behind_the_overlay/)
- Icon should appear on browser toolbar
- If it doesn't, click *Extensions*
  - & *Pin* extension *Behind The Overlay*





YouTubeTech

# How Raspberry Pi Changed Computing Forever



How Raspberry Pi Changed Computing Forever?



ToP Projects Compilation  
178K subscribers

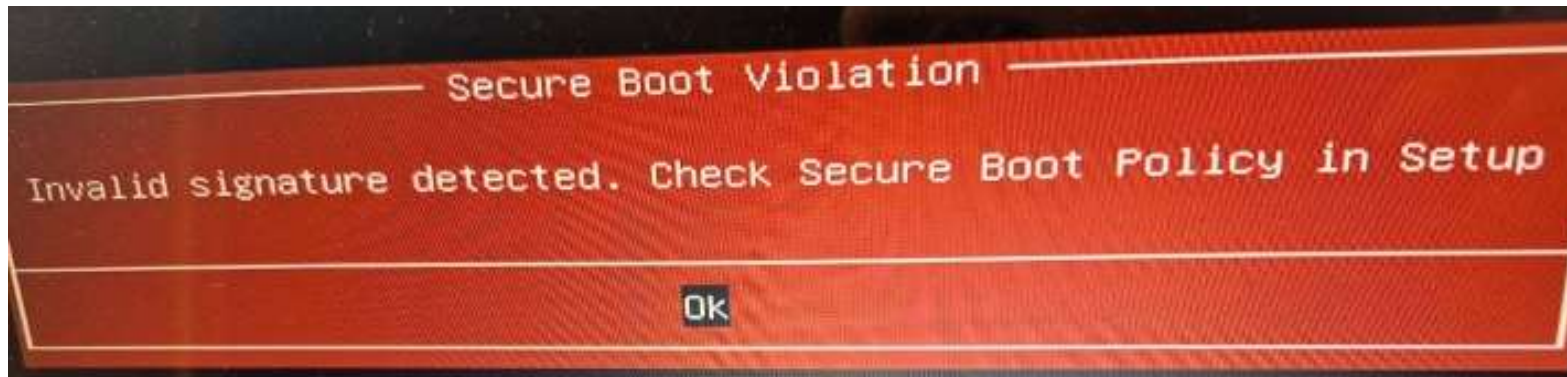
Subscribe

<https://www.youtube.com/watch?v=3Hzxn5gXdIE>



# Computer won't boot

- Laptop running Windows 10
- Restarted after latest Windows 10 ESU updates applied
- Ended with red screen



- Checked, and the Secure Boot policy is enabled
- Any idea why this happened?
- Will I need to do a USB reboot?
- Suggestions on how to proceed?



# Perplexity.AI answer

- <https://www.perplexity.ai/search/ae60a0ed-98ea-49ca-94bd-43bdcb635fcd>
  - usually a Secure Boot trust problem, not a normal Windows update failure.
  - most practical fixes
    - restore the firmware's default Secure Boot keys
      - instructions at link above
    - switch the BIOS/UEFI boot mode back to expected setting, or
    - temporarily disable Secure Boot so the machine can boot



# Maybe due to expired secure boot certificates?

- Microsoft says expired certificates should not prevent the computer from booting
- *Explaining Computers* on YouTube has more info on expiring certificates
  - [https://www.youtube.com/watch?v=\\_AwzaZmRNsl](https://www.youtube.com/watch?v=_AwzaZmRNsl)
- Maybe the best idea—at least to get things working:
  - disable Secure Boot in EUFI (BIOS)





# Mac to Mac file transfer

- I had an older iMac and it died March 8<sup>th</sup>
- I got a new iMac and it's performing very well
- I need to get the data off my old iMac
- Can I :
  - get a reference for a place to take the old hard drive out?
  - buy a cable and transfer the data from the old hard drive to my new iMac?
- I can't afford some data scraper to charge me thousands of dollars !

Stephen Pollock





## Sources for photos?

- Are there websites that allow me to download photos for free and I can use them in a book?
- Are there websites that sell photographs for reasonable amounts (\$70-100)?





# Canadian PM simulator

## Loonie Links

- You tabled your policy
  - Three provinces swung
  - A confidence vote is looming
  - Can you succeed or will your government be defeated?
- 
- AI-powered political sandbox
    - type any policy you want
    - watch reactions
      - 24 Canadian voter personas
      - stakeholder groups
      - all 13 provinces & territories

### *Free to start*

- “premium” (£5.99/m) unlocks
  - full mandate
  - unlimited careers
  - advanced simulation modes

<https://fantasycanadianpm.com/>

### Given pricing is in £

- *Loonie Link* only terms of Canadian scenario!

# Canadian PM Simulator

Choose your scenario.

## 🇨🇦 Canada 2025

Liberal minority. Housing crisis. US tariffs. Indigenous reconciliation. Minority survival.



### Create Your Own PM

PREMIUM

Build a custom Prime Minister from scratch. Choose party, background, ideology, and more.

← Back to Careers

Early Access — £5.99/mo

Only one sim available for free

## Character setup

Can customize many aspects of PM

- age
- race / ethnicity
- religion
- marital status
- education
- wealth
- military service
- scandal history
- home region
- mandate strength
- time to next election





## OFFICIAL PMO BRIEFING

**The Prime Minister has made the following policy announcement: "Send in the Canadian forces to help with the cleanup. Announce a policy that affected people will be able to defer federal income tax for a year. Announce that the provincial government is taking the lead and the federal government stands ready to provide additional assistance, if required."**

Reference: Policy Paper #7063

Some initial analysis

## EXECUTIVE SUMMARY

The policy aims to provide immediate relief and support to the affected communities in Southern Quebec by deploying the Canadian Armed Forces and offering federal income tax deferrals. This measure is expected to alleviate some of the financial burden on displaced residents and aid in the cleanup efforts.

## KEY IMPLEMENTATION RISK

*The primary risk is ensuring that the deployment of the Canadian Armed Forces is coordinated effectively with provincial authorities to avoid any jurisdictional conflicts or delays in response.*

## FISCAL IMPACT

- Treasury Cost Medium
- Est. Expenditure  
Approximately \$1-2 billion annually
- Growth Potential Positive

## DELIVERY &amp; POLITICS

- Complexity Medium
- Public Sensitivity High

## PMO RECOMMENDATION

**Implement the policy with a clear timeline and robust coordination between federal and provincial authorities to ensure efficient and effective relief efforts.**

## MORNING PRESS REACTION

## Toronto Star

June 2026

**Mark Carney Deploys Troops and Offers Tax Relief as Quebec Floods Worsen**

The Prime Minister's swift action aims to provide immediate relief to the 30,000 displaced residents in the wake of the catastrophic flooding.

## The Globe and Mail

June 2026

**Mark Carney Announces Federal Support for Flood-Ravaged Southern Quebec**

The Canadian Armed Forces will assist in cleanup efforts, and affected residents will be able to defer federal income taxes for a year.

## National Post

June 2026

**Mark Carney Sends in the Troops and Gives Tax Breaks to Flood Victims**

The Prime Minister's response to the Quebec floods includes military deployment and financial relief, but critics question the long-term impact.

# NEXT STEP

Explore detailed persona responses for this policy

View Focus Group Responses

The Prime Minister's policy: "Send in the Canadian forces to help with the cleanup. Announce a policy that affected people will be able to defer federal income tax for a year. Announce that the provincial government is taking the lead and the federal government stands ready to provide additional assistance, if required."

View Map

National favorability map (weighted by percent mla)

## Favourability reactions start



### BY PROVINCE/ TERRITORY

Alberta  
Favorability: 68.9

### NATIONAL SUMMARY

Average favorability: 65.5

### MOST FAVORABLE (TOP 6)

Nunavut: 69.1  
Ontario: 68.8  
British Columbia: 68.1  
Quebec: 68.0  
Northwest Territories: 67.9

### LEAST FAVORABLE (BOTTOM 6)

Alberta: 68.9  
Saskatchewan: 60.6  
New Brunswick: 63.4  
PEI: 63.8  
Nova Scotia: 64.4

# NEXT STEP

Explore stakeholder sentiment towards this policy

View Stakeholder Map

## POLICY/TOPIC TESTED

The Prime Minister has made the following policy announcement: "Send in the Canadian forces to help with the cleanup. Announce a policy that affected people will be able to defer federal income tax for a year. Announce that the provincial government is taking the lead and the federal government stands ready to provide additional assistance, if required."

Simulation ID: #42381 · June 2026

68.3

NET FAVORABILITY

## Detailed Transcripts

### SENTIMENT ANALYSIS



GTA Priya

30-45, Second-generation South Asian professional...

Lean Liberal

75/100

"Oh my God, this is terrible. I'm so glad the military is being sent in to help—those families need all the support they can get. Tax deferral is a good start, but I hope the feds are ready to step up more if Quebec needs it. People's lives are at stake here, not just paperwork."

### SENTIMENT ANALYSIS



Ottawa Claire

40-55, Federal civil servant...

Lean Liberal

75/100

"Look, the PM's response is measured and appropriate given the situation. The deployment of the Canadian Armed Forces is a no-brainer; they've got the logistical capacity to handle this kind of crisis. The tax deferral is a practical measure that'll give affected families some breathing room. That said, I wish the feds would be a bit more proactive in offering support upfront, rather than waiting for Quebec to ask. It's a bit passive, but I get the political tightrope they're walking here."

### SENTIMENT ANALYSIS



Montréal Sophie

28-40, Urban cosmopolitan professional...

Lean Liberal

75/100

"Well, finally, the feds are stepping up, eh? The CAF should've been on the ground yesterday, but better late than never. Deferring taxes is a solid move—people need to focus on rebuilding, not stressing over the CRA. Just hope this isn't another photo-op for Carney. Quebec can handle a lot, but this is next-level shit. Let's see some real federal muscle, not just a handshake and a presser."

## Individuals react

ELECTION TIMELINE

1st Term · 38 months until the 2029 federal election

The honeymoon period. Use it wisely.

This Month

A new political event is waiting for your response. Click Play Month to take action.

[← Back to Careers](#)

[Resign as Prime Minister](#)

[Play Aug 2026 →](#)

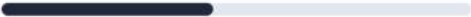
Ready for next month's challenge?

NATIONAL POLLING ▾

45%

Net — -1

Approval rating across the country

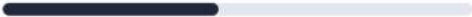


GOVERNMENT STABILITY

46%

Net — +1

Cabinet & Agency Support Level



LIBERAL PARTY STABILITY

50%

Net — -1

Internal Party Support Level



HOUSE OF COMMONS

Liberal MINORITY — 168 seats (4 short of majority)



SENATE (appointed — 105 seats)



QUÉBEC SOVEREIGNTY SENTIMENT

Moderate · 35%

National unity stable

Dissolve Parliament & Call Snap Election

★ Premium feature



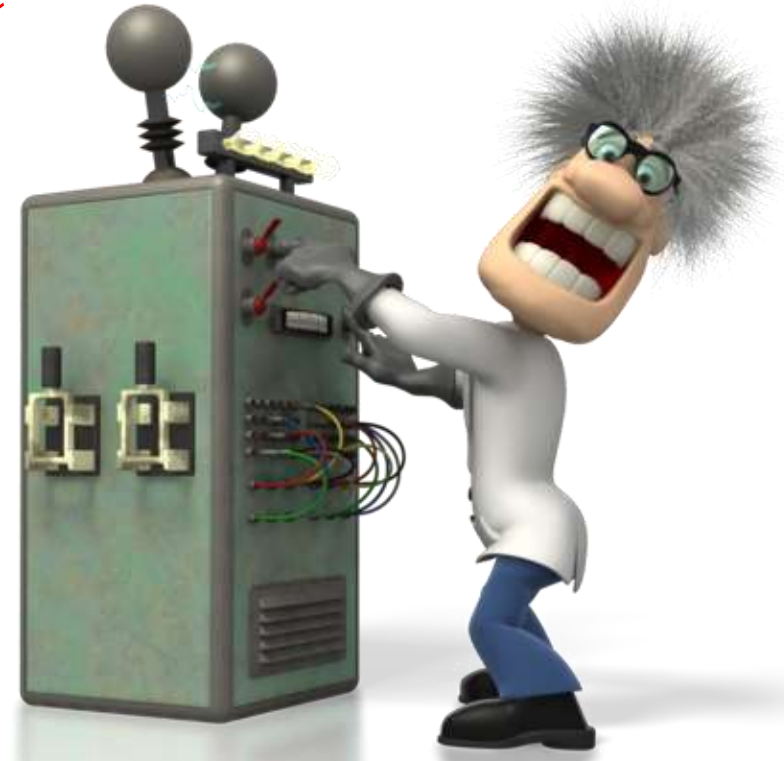
Any other:  
Questions  
Comments  
Shares?

Follow-  
up

## How can we (really) help?

A comment from a past membership survey:

*“Much of what is discussed goes over my head”*

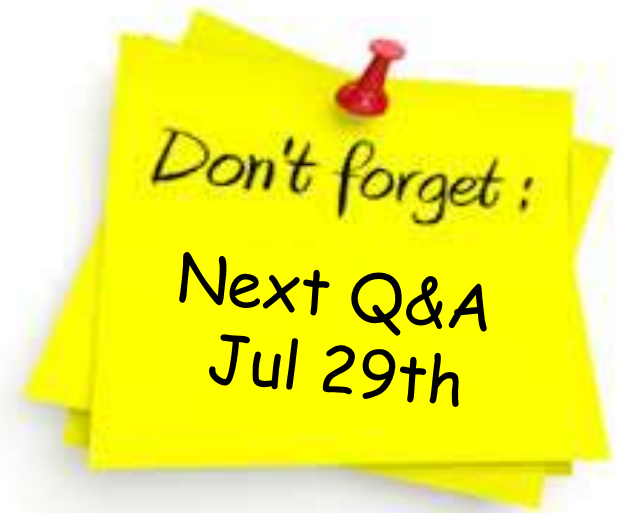




- Do we focus on topics that interest us and not on what you would like to know?
- Are there questions that you would like answered which you think are too basic?  
*[Hint: They are NOT!]*

Send your question\* or suggested topic to  
[SuggestionBox@opcug.ca](mailto:SuggestionBox@opcug.ca)

*\* The question and answer can be presented anonymously should you request this option*



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

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