



Alan German & Chris Taylor
Ottawa PC Users' Group

October 26, 2022

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

Hacking Google



- Fascinating series of 9 YouTube videos
- How Google defends itself and users of its services
 - Gmail blocks over 100 malicious emails per second
 - Warns 36,000 users per year they might be specifically targeted
 - Google has paid bug hunters \$29 million as of July 27, 2022
 - 11 years
 - 11,055 bugs
 - 2,022 bug hunters in 84 countries

<https://g.co/safety/HACKINGGOOGLE>

<https://security.googleblog.com/2021/07/a-new-chapter-for-googles-vulnerability.html>

Tom Trottier *via OPCUG-Member-Forum*



Understanding E-mail

Basic concepts

- Webmail and E-mail clients
- IMAP and POP3



Mail Server



Mail server (e.g. Gmail)



Your computer
or smartphone



Your messages

Connect to the mail server
(login to your account):

Webmail

Use a web browser such as
Chrome, Opera, or Vivaldi

E-mail Client

Use an E-mail program or app
such as Thunderbird (PC) or
K-9 Mail (Android)



Your messages

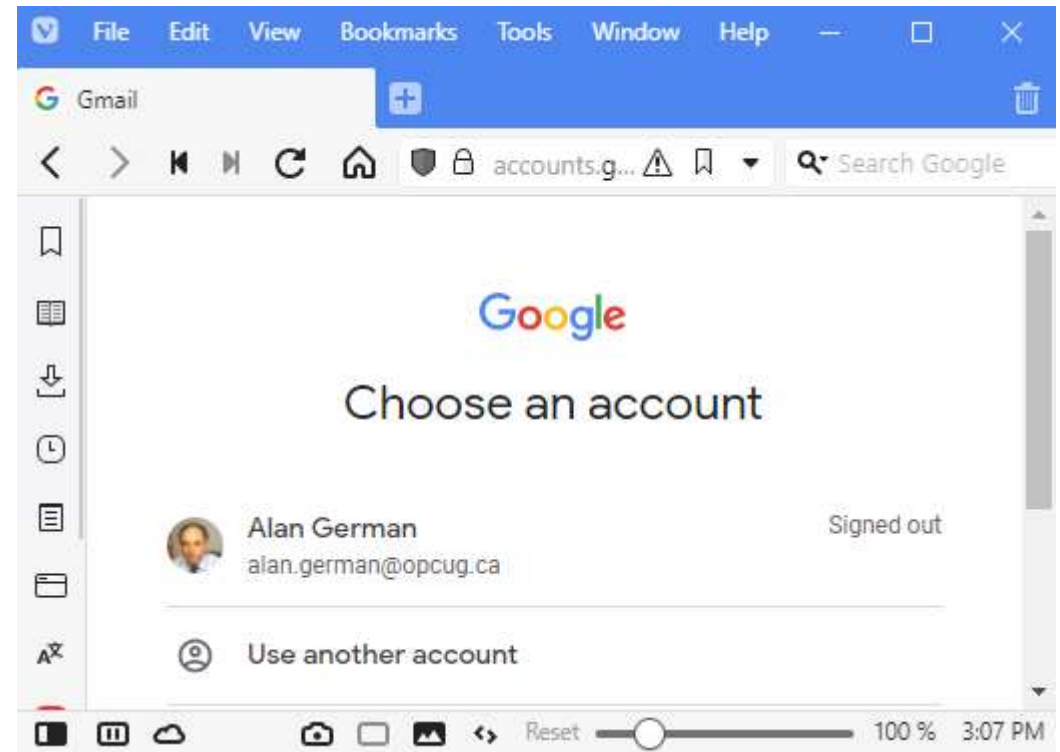


Connect to the mail server
(login to your account):

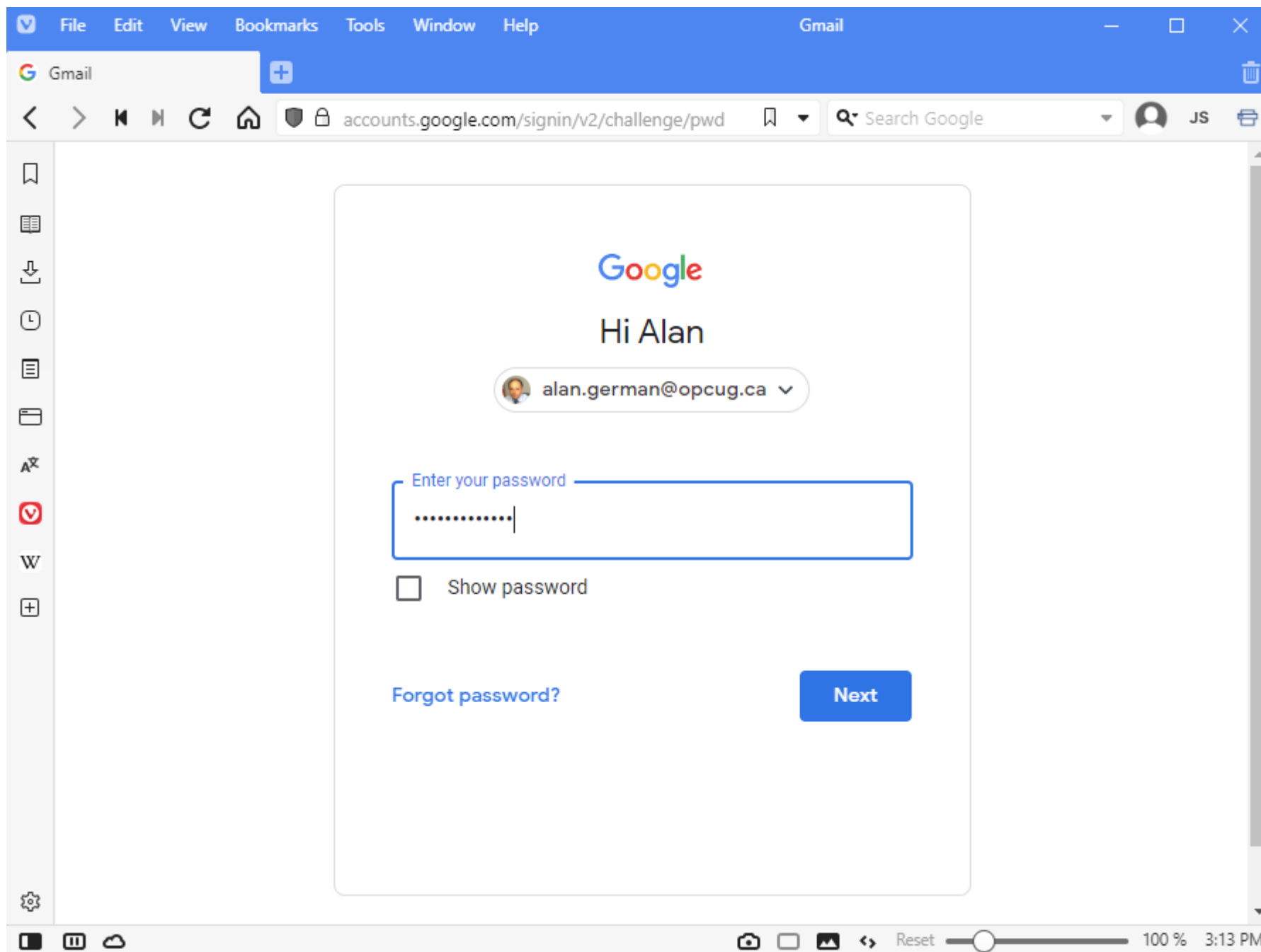


Login to your account
on the mail server

Webmail



Login to Gmail using the
Vivaldi web browser



File Edit View Bookmarks Tools Window Help Inbox - alan.german@opcug.ca - Ottawa PC Users' Group Mail

Inbox - alan.german@opcug.ca

mail.google.com/mail/u/0/ Search Google JS

Gmail

Compose

Inbox

Starred

Sent

Drafts

More

Labels

- [Imap]/Trash
- Glasswire
- IOP
- Payments
- TDCT

1-27 of 27

☐ Chris Taylor 12:27 PM
Fwd: Best way to leave computer at end of day
FYI Read from the bottom Cheers, Chris ----- Forwarded Me... ☆

☐ Tom Fotheringham 10:18 AM
Re: One way to make music medlies
Yes Alan, I could do that though I'm not sure how it would work ... ☆

☐ Chris Taylor Oct 17
Re: Fwd: Your Order with Amazon.ca
Okay, but I won't cash it until I know the gift card has been pick... ☆

☐ Chris Taylor Oct 17
Fwd: Your Order with Amazon.ca
I will let you know when it is picked up. Chris ----- Forwarde... ☆

☐ Jocelyn Doire Oct 17
Re: [OPCUG-BOD] Re: TechTalks posting on website
Hi, the Tech Talks entry was added to the history page. Spelling... ☆

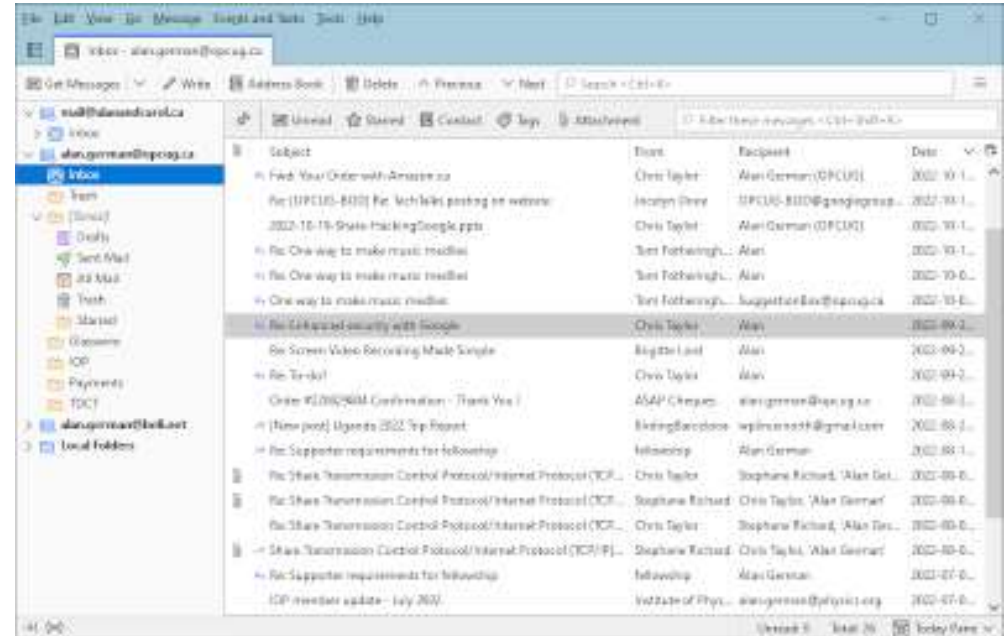
☐ Chris Tavlur Oct 17

Reset 100 % 3:14 PM



Login to your account
on the mail server

E-mail Client



Access Gmail using the
Thunderbird E-mail program
(automatic login enabled)

File Edit View Go Message Events and Tasks Tools Help

Inbox - alan.german@opcug.ca

Get Messages Write Address Book Delete Previous Next Search <Ctrl+K>

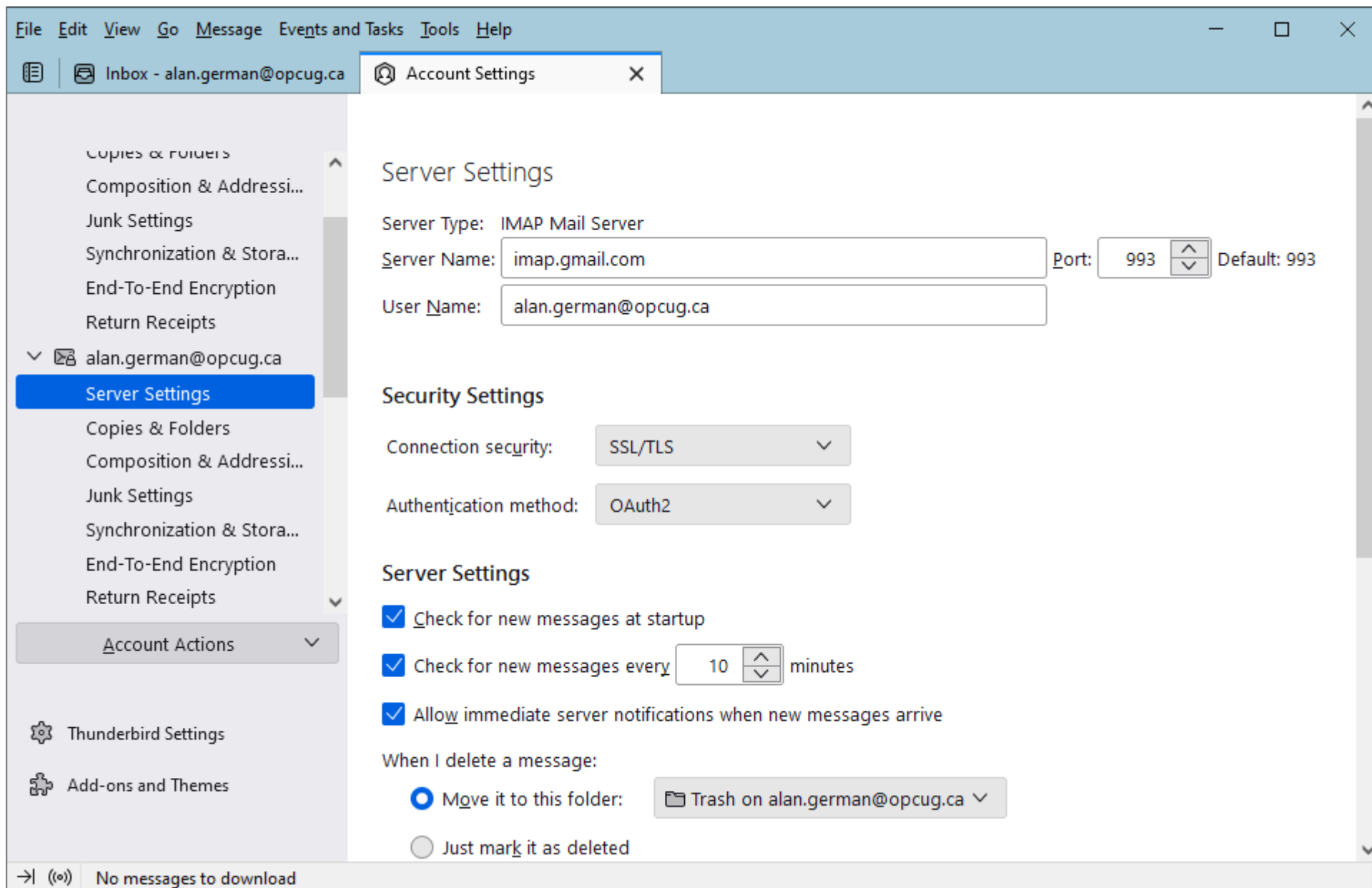
mail@ alan.german@opcug.ca

Inbox Trash [Gmail] Drafts Sent Mail All Mail Trash Starred Glasswire IOP Payments TDCT alan. Local Folders

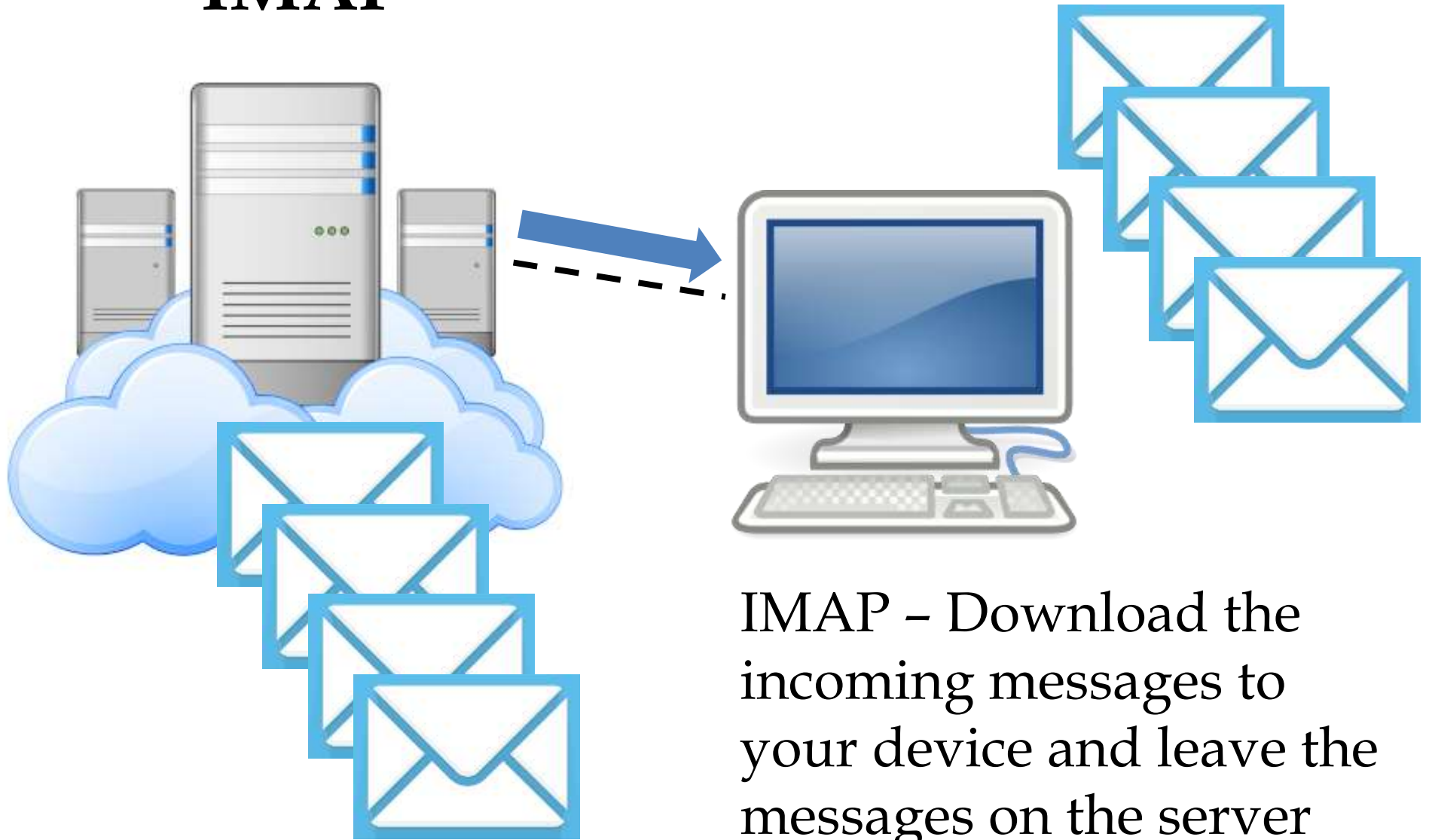
Unread Starred Contact Tags Attachment Filter these messages <Ctrl+Shift+K>

Subject	From	Recipient	Date
Re: One way to make music medlies	Tom Fotheringh...	Alan	2022-10-09...
One way to make music medlies	Tom Fotheringh...	SuggestionBox@opcug.ca	2022-10-09...
Re: Enhanced security with Google	Chris Taylor	Alan	2022-09-26...
Re: Screen Video Recording Made Simple	Brigitte Lord	Alan	2022-09-25...
Re: To-do?	Chris Taylor	Alan	2022-09-23...
Order #220829804 Confirmation - Thank You !	ASAP Cheques	alan.german@opcug.ca	2022-08-29...
[New post] Uganda 2022 Trip Report	BirdingBarcelona	wplinuxnorth@gmail.com	2022-08-27...
Re: Supporter requirements for fellowship	fellowship	Alan German	2022-08-17...
Re: Share Transmission Control Protocol/Internet Protocol (TCP...	Chris Taylor	Stephane Richard, 'Alan Ger...	2022-08-05...
Re: Share Transmission Control Protocol/Internet Protocol (TCP...	Stephane Richard	Chris Taylor, 'Alan German'	2022-08-05...
Re: Share Transmission Control Protocol/Internet Protocol (TCP...	Chris Taylor	Stephane Richard, 'Alan Ger...	2022-08-05...
Share Transmission Control Protocol/Internet Protocol (TCP/IP) ...	Stephane Richard	Chris Taylor, 'Alan German'	2022-08-04...
Re: Supporter requirements for fellowship	fellowship	Alan German	2022-07-08...
IOP member update - July 2022	Institute of Phys...	alan.german@physics.org	2022-07-04...
TunnelBear - email confirmation	TunnelBear	alan.german@opcug.ca	2022-06-18...
Re: A second PDF editor	Brigitte Lord	Alan	2022-05-29...
Not-for-profit Corporations Act in effect as of Oct 2021	Brigitte Lord	Chris Taylor, Alan German	2022-01-20...
As Discussed	Lawrence Patter...	Alan German	2021-12-12...

Unread: 0 Total: 26 Today Pane



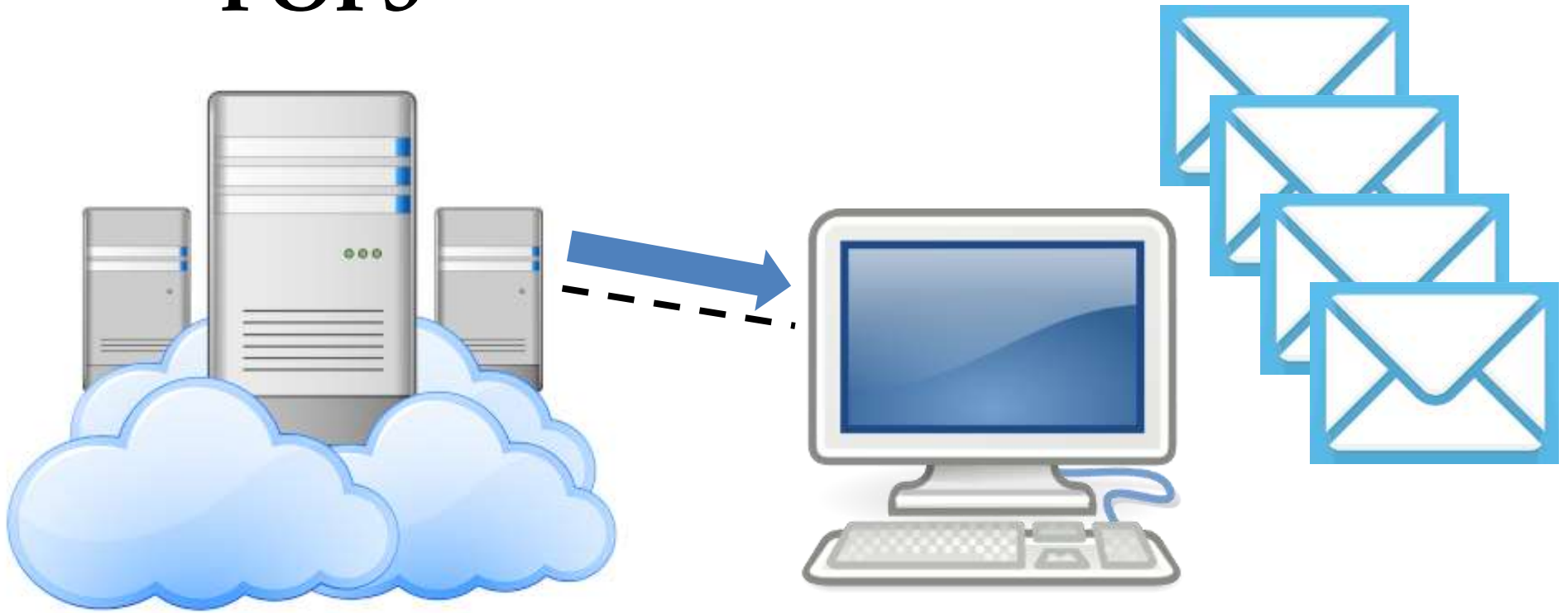
IMAP



Your messages

IMAP - Download the incoming messages to your device and leave the messages on the server

POP3



POP3 – Download the incoming messages to your device and delete the messages from the server *

** But, you can opt to leave the messages on the server*

POP3 – Server Settings

Delivery _____

☒ Leave a copy of messages on the server

☐ Remove from server after  days

☒ Remove from server when deleted from 'Deleted Items'

IMAP



Login using your smartphone
and download the available
messages

POP3



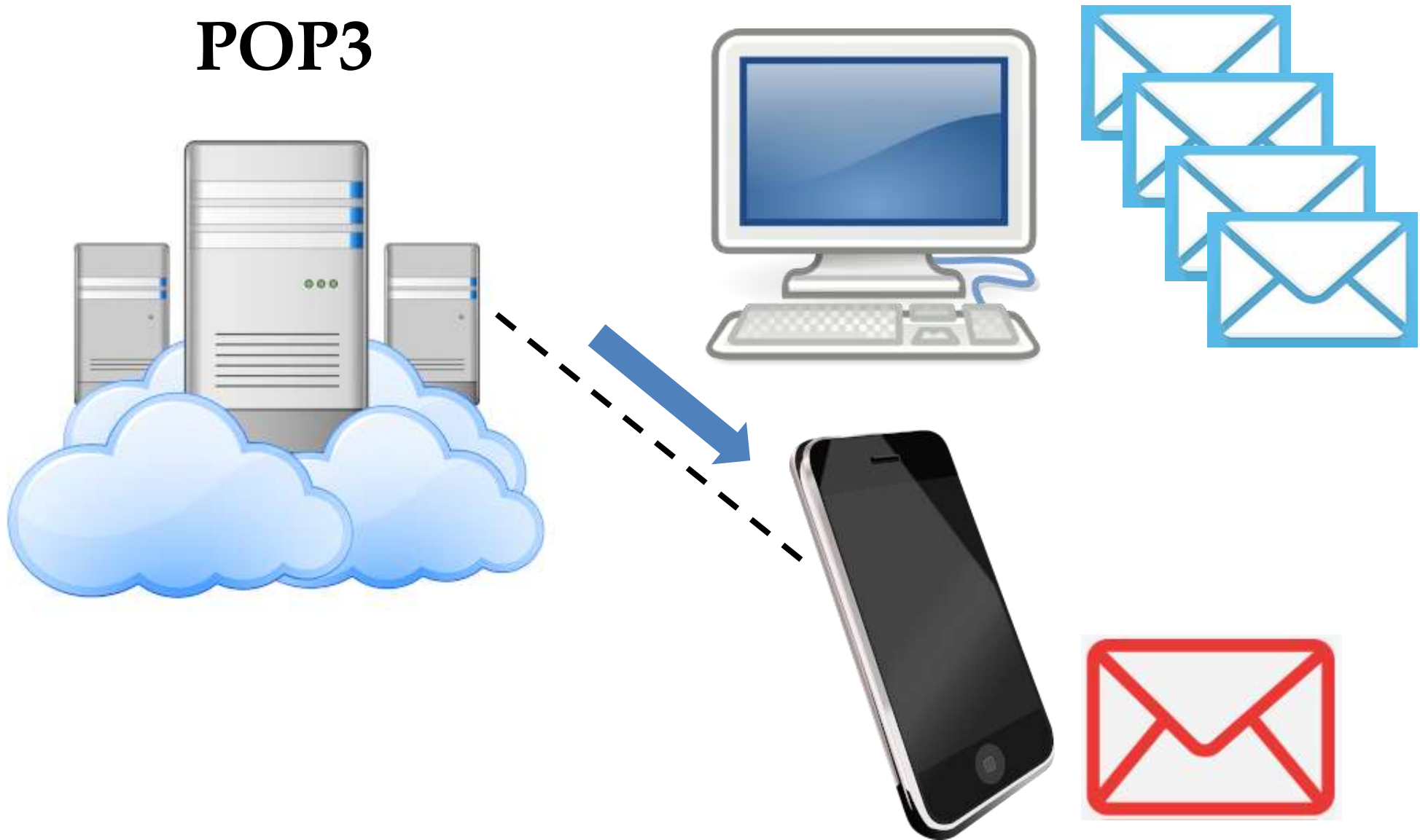
Login using your smartphone –
but no messages are available
on the mail server !

POP3



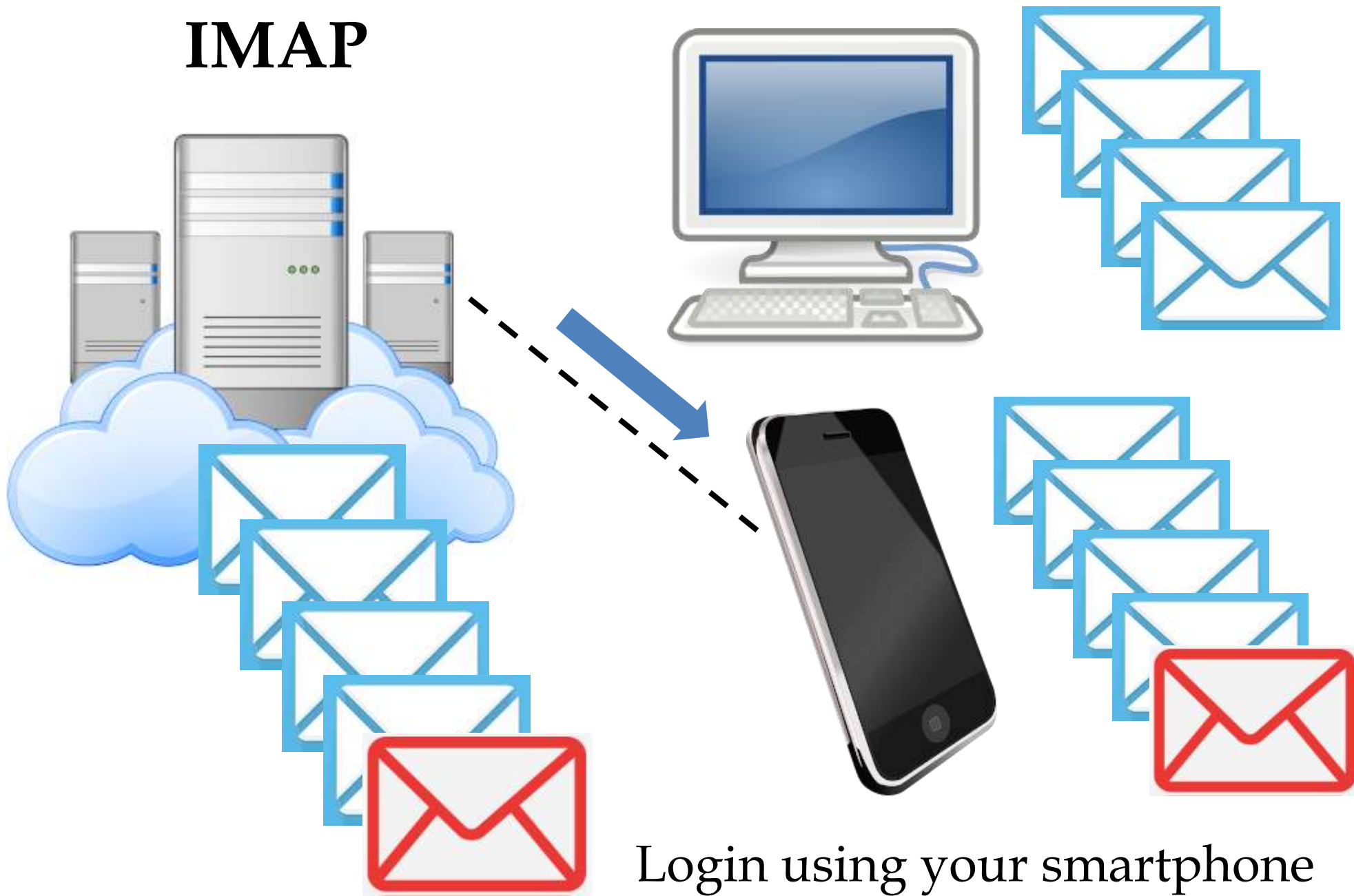
Login using your smartphone –
download any available messages

POP3



Login using your smartphone –
download any available messages

IMAP



Login using your smartphone
and synchronize the messages

IMAP



Login using your computer
and synchronize the messages

Relative Benefits

Webmail

- Mail available on any device

POP3

- Must use webmail to clean-up mail on server

POP3/IMAP

- Local copy of all messages

IMAP

- Message folders
- Synchronize messages on all devices

Summary

Webmail

- Access mail using a web browser

E-mail Client

- Access mail using an E-mail program/app

IMAP (Internet Message Access Protocol)

- Synchronize message base across all devices
- Supports message folders

POP3 (Post Office Protocol)

- Download messages to a connected device



Closing programs

2022-02-23 Q&A

https://opcug.ca/qa_recordings/20220223_PowerPoint.pdf

Five polite ways to close programs

COMPUTER BASICS
Users Helping Users

Normal ending of programs

- 1 Click in top-right corner of program window
- 2 Press **Alt** **F4**
- 3 Right-click program icon in Taskbar
Choose **Close window**
- 4 Exit or **Close** on **File** menu
- 5 Click icon in top-left corner of program window
Choose **Close**

...and one decidedly *impolite* way

Task Manager

Name	Command line	CPU	Memory	Disk	Network	GPU	Power usage
Apps (8)							
Google Chrome (59)		7.2%	3,496.0 MB	0.1 MB/s	0.1 Mbps	0%	High
Inkscape vector graphics edit...	inkscap...	0%	22.6 MB	0 MB/s	0 Mbps	0%	Very low
Microsoft PowerPoint	mspower...	0%	155.2 MB	0 MB/s	0 Mbps	0%	Very low
PowerToys.Settings	PowerTo...	0%	83.1 MB	0 MB/s	0 Mbps	0%	Very low
Task Manager	SystemD...	0.0%	33.2 MB	0 MB/s	0 Mbps	0%	Very low
TextPad	TextPa...	0%	5.4 MB	0 MB/s	0 Mbps	0%	Very low
Background processes							
ACCSvc							
Antimalware							
COM Surrogate	C:\WINDOWS\system3...	0%	1.7 MB	0 MB/s	0 Mbps	0%	Very low
COM Surrogate	C:\WINDOWS\system3...	0%	0.8 MB	0 MB/s	0 Mbps	0%	Very low

Click **Name** column header to sort
Right-click non-responsive program
Choose **End task**

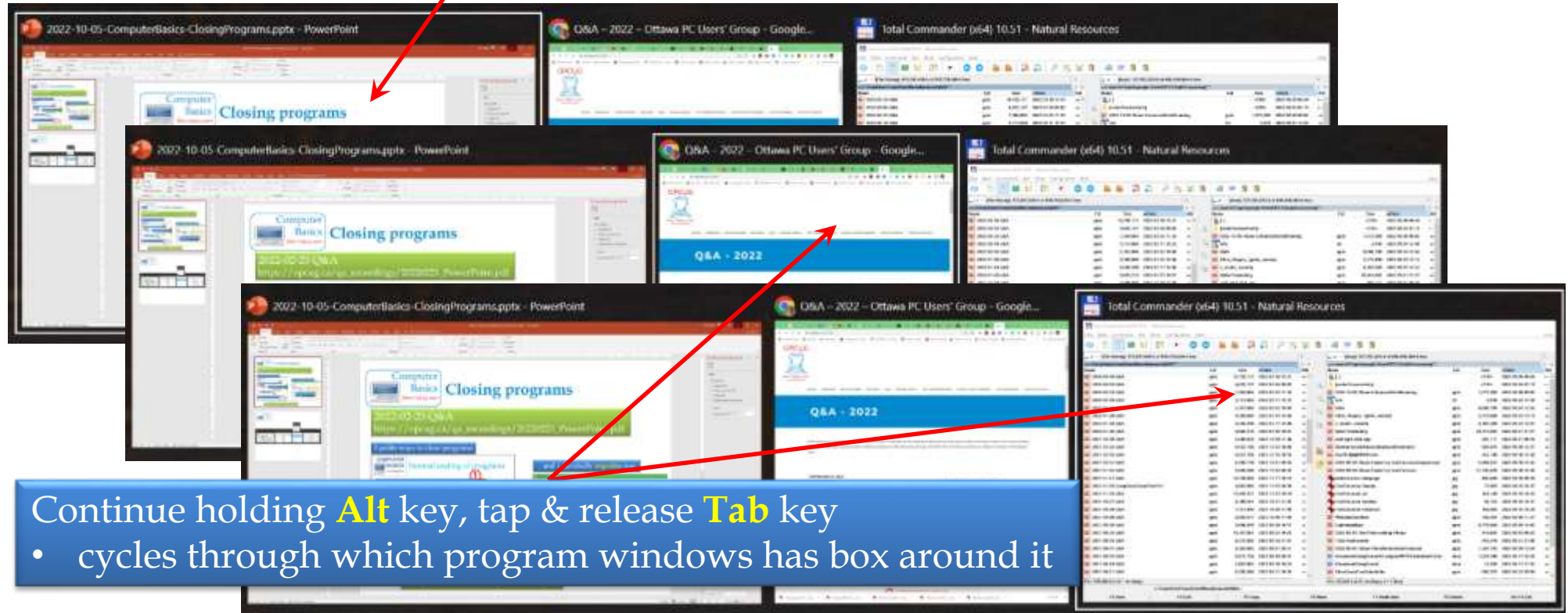
Why not another two polite ways?



Normal Alt-Tab operation

Hold down **Alt** key
Tap & release **Tab** key

- all open program windows displayed
- one window has box around it



Continue holding **Alt** key, tap & release **Tab** key

- cycles through which program window has box around it

Release **Tab** key

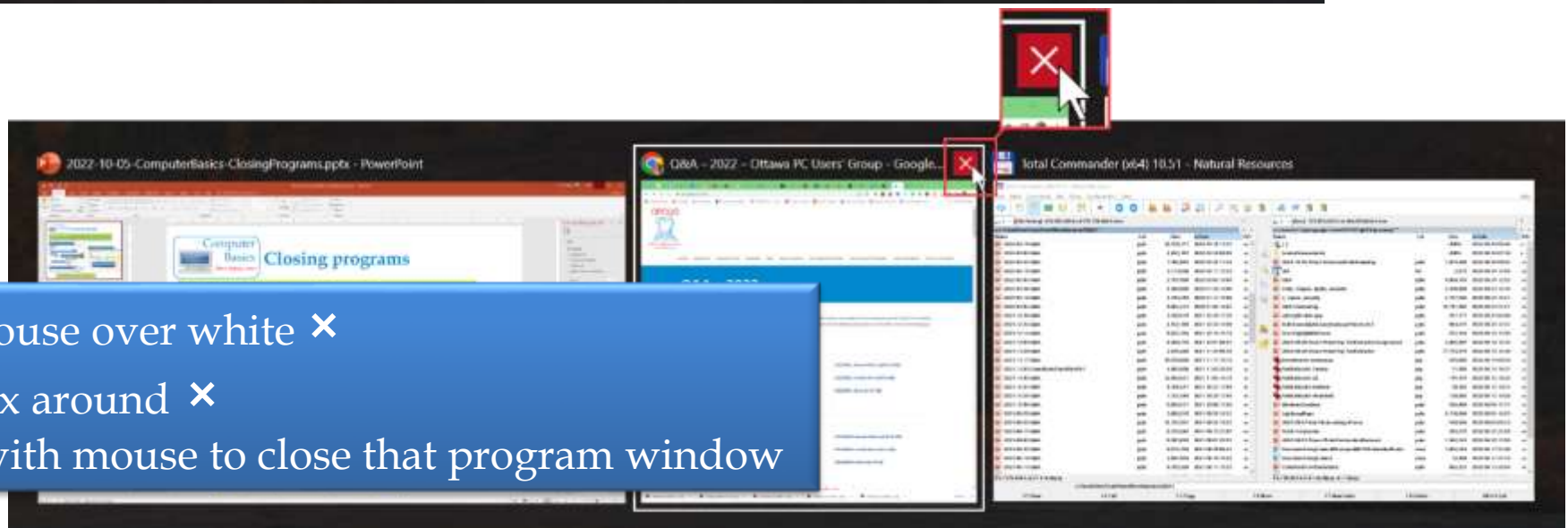
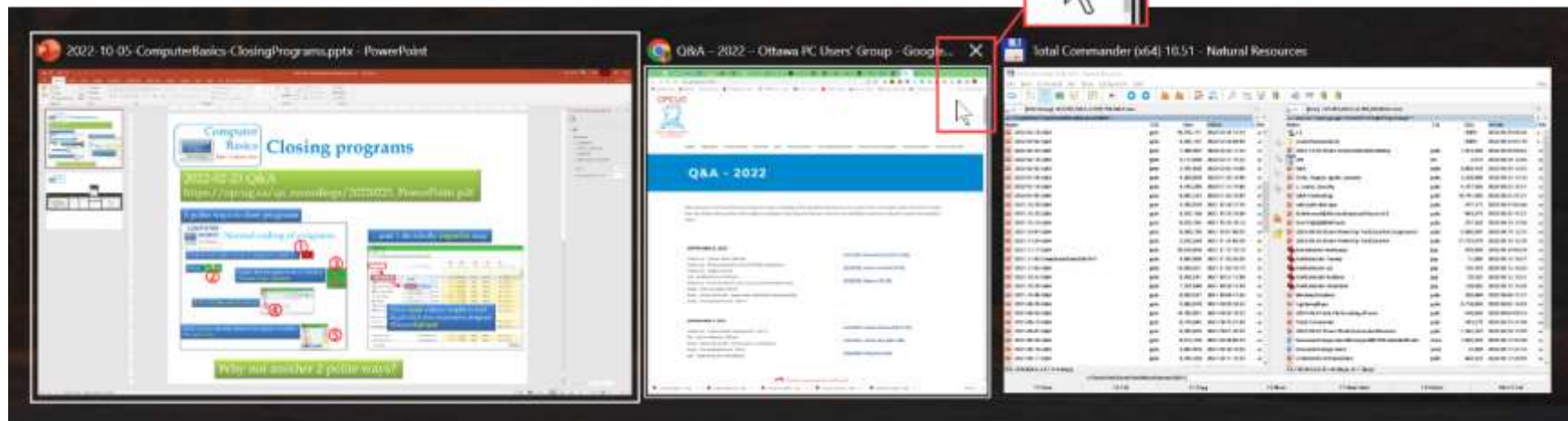
- program window with box around will have the *focus*
 - in foreground and will accept keystrokes



1st way to close from Alt-Tab

Hover mouse over a program window

- white ✕ appears in top left corner



Hover mouse over white ✕

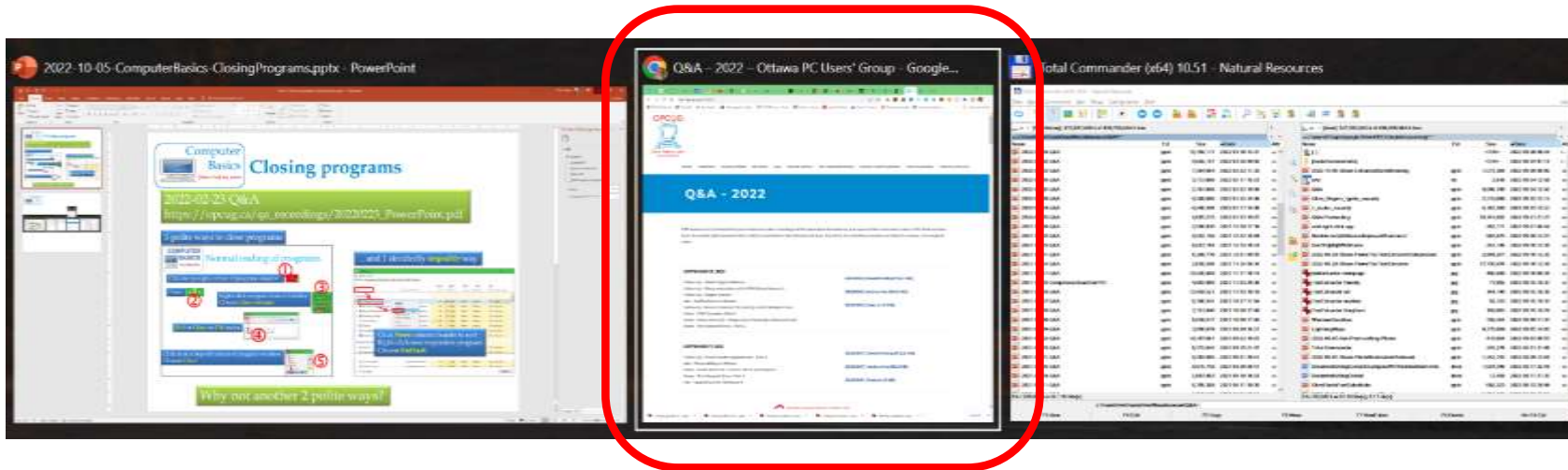
- red box around ✕
- click with mouse to close that program window



2nd way to close from Alt-Tab

Hold down **Alt** key

- tap **Tab** key until window you want to close has box around it
- continue holding down the **Alt** key



Tap the **Del** key

- program window closes
- if there are unsaved changes
 - normal prompt to save changes

Are there more than *eight* ways to close a program?

Share

Get Cyber Safe



- Government of Canada website
 - *national public awareness campaign created to inform Canadians about cyber security and the simple steps they can take to protect themselves online*
 - Secure your accounts
 - passphrases, passwords & PINs, multi-factor authentication, password managers, social media
 - Secure your devices
 - laptops & computers, phones & tablets, gaming systems, TVs & smart devices, storage & backup, system updates
 - Secure your connections
 - private networks (home routers), Bluetooth, VPNs, firewalls, public Wi-Fi

<https://getcybersafe.gc.ca/en>

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

Lorraine Boulay

Share

Cybersecurity Checklist



#AllAboutEVs

Best Products

Reviews

How-To

News

Deals

Newsletters

Home > How-To > Security

Ramp Up Your Cybersecurity With PCMag's Online Safety Checklist

Complete your monthly cybersecurity checkup in just a few minutes with our handy checklist.



By Kim Key October 25, 2022



PCMag's Online Safety Checklist

- ☐ Download and install a password manager on your computers and internet-connected devices.
- ☐ Create new, unique passwords with at least 20 characters using the password manager.
- ☐ Install antivirus software on all your internet-connected devices.
- ☐ Check to make sure your antivirus software is running.
- ☐ Update your antivirus software.
- ☐ Update your web browser.

<https://www.pcmag.com/how-to/ramp-up-your-cybersecurity-with-pcmags-online-safety-checklist>

The Last Ten...



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Sweet Home 3D – Part 4 – Walls 1



View the presentation of this item at:

https://opcug.ca/qa_recordings/20221026_SweetHome3D.pdf



**Any other:
Questions
Comments
Shares?**

November Meeting



Windows 11: It's Here to Stay

November 9, 2022
7:30 pm



Lawrence Patterson

<https://opcug.ca/events/windows-11-its-here-to-stay/>



Suggestions for
topics for
presentations at:

**Monthly
meetings**



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

SuggestionBox@opcug.ca

