



Chris Taylor and Alan German
Ottawa PC Users' Group

Shares

The following topics have been suggested as being of interest to members and could be "shares" at future Q&A sessions:

- (1) Scanners, preferably 2D not 1D, for fast 1S scans
- (2) Using Amazon Alexa or Google Assistant
- (3) How to choose security software (PC & smartphone)
- (4) The different kinds of USB ports. What are the purposes of each?
What's upward/downward compatible re. functionality, plugability, etc.? What kinds of devices need a powered hub?

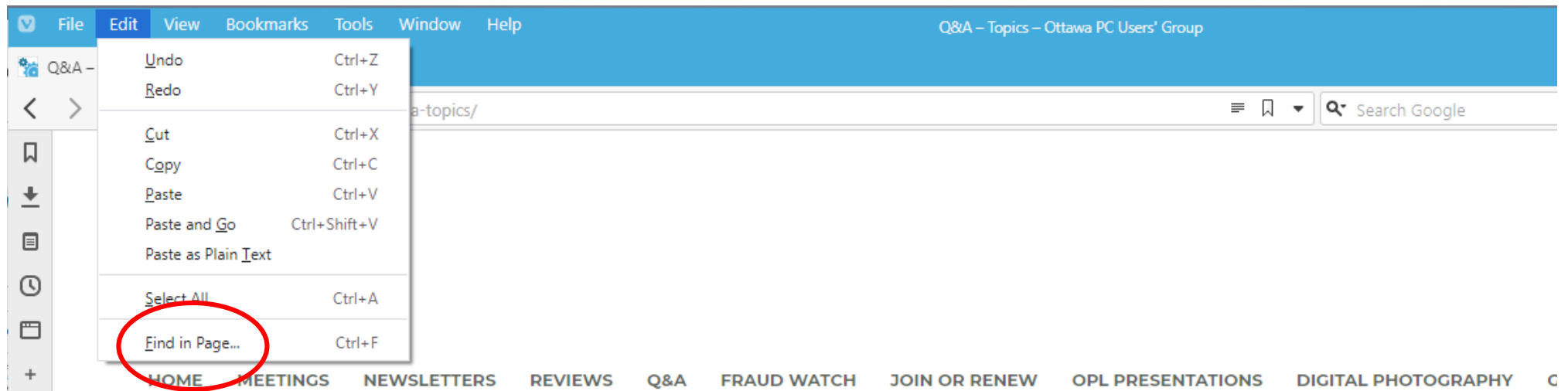
If you would like to make such a contribution, and provide information on any of these topics, please contact us at: SuggestionBox@opcug.ca

Share

Index to Q&A Topics

PDF versions of the PowerPoint presentations, audio recordings of the associated discussions, and copies of the comments in the Chat window, from past weekly Q&A sessions are available in our archives. An index of the topics discussed at these sessions can be found at: <https://opcug.ca/qa-topics/>

Q&A - INDEX OF TOPICS



Q&A - INDEX OF TOPICS

This index provides listings of the topics discussed in our Q&A sessions, along with associated audio recordings (M4A), and the contents of our presentation files (PDF), from the Q&A arc
<https://opcug.ca/qa-recordings/>

July 8, 2020

Fancy Zones

Faxing with Windows 7

Windows Defender - Don't let it

Search the page using:

Edit – Find in Page
(or similar)

or Ctrl-F

Follow-up

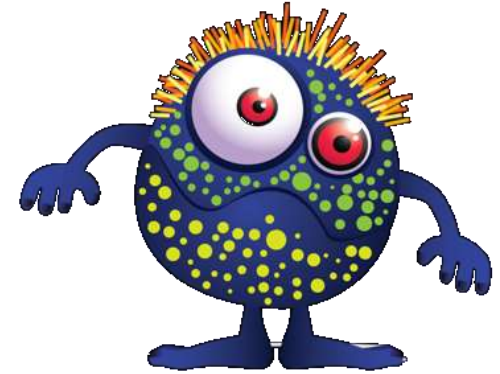
Copying image files with xcopy

Copy all jpg files (cmd.exe)

`xcopy /s /y E:\agtemp2\*.jpg G:\agtemp2\`

Share

Love Bug Virus



The 20-Year Hunt for the Man Behind the Love Bug Virus

"The virus was groundbreaking ... it perfectly exploited a weakness not in computers, but in the humans who use them."

"For two decades, Onel de Guzman has been suspected of unleashing the groundbreaking virus. But he's never confessed to anything—until now."

<https://www.wired.com/story/the-20-year-hunt-for-the-man-behind-the-love-bug-virus/>

Share

Windows 10 Version 20H2

OPCUG-Member-Forum ›

Microsoft releases Windows 10 October 2020 Update



Chris Taylor

“Beginning today, the October 2020 Update is available initially for users of select devices running Windows 10, version 1903 or later who are interested in experiencing the latest feature updates and are ready to install this release on their device.”

<https://blogs.windows.com/windowsexperience/2020/10/20/how-to-get-the-windows-10-october-2020-update/>



Reviewed: Windows 10 October 2020 Update inches in the right direction

The new Edge browser is a major change, but tweaks to the Alt+Tab shortcut and the Start menu make the Windows 10 October 2020 Update (or 20H2) worth knowing about.



By [Mark Hachman](#)

Senior Editor, PCWorld | OCT 20, 2020 12:57 PM PDT

“All in all, the Windows 10 October 2020 Update is another in a line of anemic fall feature updates.”

Home

Find a setting

Update & Security

Windows Update

Delivery Optimization

Windows Security

Backup

Troubleshoot

Recovery

Activation

Find my device

For developers

Windows Update



You're up to date

Last checked: Today, 3:14 PM

Check for updates

[View optional updates](#)

Feature update to Windows 10, version 20H2

The next version of Windows is available with new features and security improvements. When you're ready for the update, select "Download and install"

[Download and install](#) [See what's in this update](#)



Pause updates for 7 days

Visit Advanced options to change the pause period



Change active hours

Currently 7:00 AM to 7:00 PM



View update history

See updates installed on your device



Advanced options

Additional update controls and settings

🏠 View update history

[Uninstall updates](#)

[Recovery options](#)

Update history

✓ Feature Updates (2)

Feature update to Windows 10, version 20H2

Successfully installed on 2020-10-21

[See what's new in this update](#)

Feature update to Windows 10, version 2004

Successfully installed on 2020-08-16

✓ Quality Updates (7)

[2020-10 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 2004 for x64 \(KB4578968\)](#)

Successfully installed on 2020-10-17

[2020-10 Cumulative Update for Windows 10 Version 2004 for x64-based Systems \(KB4579311\)](#)

Successfully installed on 2020-10-17

[2020-10 Security Update for Adobe Flash Player for Windows 10 Version 2004 for x64-based Systems \(KB4580325\)](#)

Successfully installed on 2020-10-16

[2020-09 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 2004 for x64 \(KB4576478\)](#)

Successfully installed on 2020-09-16



Check out our latest tips!

Explore what's new



What's new

12 tips



Work remotely

7 tips



Learn remotely

6 tips



Pick a good workspace

5 tips



Keep your data secure

8 tips



Keep in touch

4 tips



Tips for Teams

13 tips



Do more with Cortana

5 tips



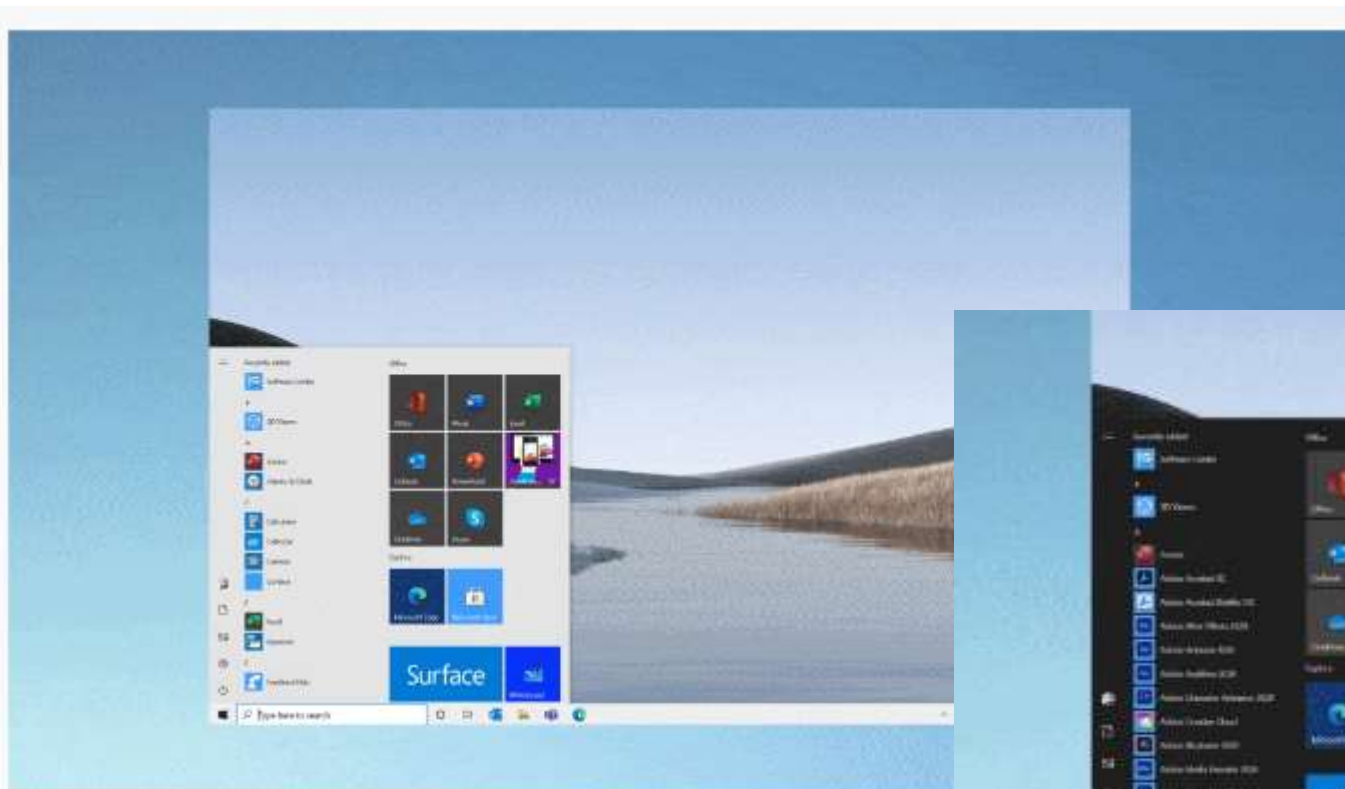
Get started with Windows 10

10 tips



Personalize your PC

15 tips



What's your favorite mode?

Make your apps and app tiles stand out with Light or Dark mode. Select **Start**  > **Settings**  > **Personalization**  > **Colors** . Under **Choose your color**, select the color mode you prefer.

Choose Light or Dark mode





The Android operating system on my smartphone is stuck at Version 7 (Nougat). I have installed internet/malware security software, but how much will this accomplish if I'm using an older OS?



A

More than one billion Android devices at risk of malware threats

Over 40% of Android users may no longer be receiving important security updates, potentially putting them at risk of malware, data loss and cyber attacks.



By Andrew Laughlin

Which?

6 Mar 2020

<https://www.which.co.uk/news/2020/03/more-than-one-billion-android-devices-at-risk-of-malware-threats/>

A

Suggested countermeasures:

1. Be careful what you download
2. Watch what you click on
3. Back up your data
4. Get mobile antivirus





COMPUTERWORLD



ANDROID INTELLIGENCE

By JR Raphael, Contributing Editor, Computerworld | DEC 10, 2019 4:00 AM PST

About

Not your average Android news — a diverse mix of advice, insight, and analysis with veteran Android journalist JR Raphael.

ANDROID SECURITY

Android security checklist: 16 steps to a safer phone

Android security doesn't have to be a source of stress. These level-headed steps are all you need to keep the boogeyman at bay.



Suggested steps include:

Review installed apps and services

Check security settings and passwords

<https://www.computerworld.com/article/3012630/android-security-checkup.html>



I've been transferring many pictures from both my cell phone and my digital camera to my computer. I have them set at the lowest resolution, but the files are still way too big.



A

Most photos in Jpeg format

Two ways to make smaller

- reduce resolution
- reduce quality

A

Reduce resolution (example)

- 6,000 x 4,000 pixels
- 24 megapixel photo
- ~20 MB file size

Reduce resolution in both dimensions

- 1,920 x 1,280 pixels
- 2 megapixels
- under 2 MB file size

Result

- under 1/10th file size
- reduction in fine details (if original viewed 1:1)
- appropriate for display on-screen at 1,920 x 1,080
 - but what about a 4K monitor (3,840 x 2,160)
- not so appropriate for printing



Jpeg “quality”

- Don't store data about every pixel
 - if 1,000 pixels are almost the same brightness/colour
 - store one brightness/colour value and say “do it 1,000 times”
- Result
 - significant file size reduction
 - reduction in quality ranges from imperceptible to significant



What is definition of
“almost the same brightness/colour”

Jpeg “Quality” setting: 1 to 100

- Best quality (90)
 - more colours/brightness levels considered unique and stored
 - less reduction in file size
- Lower quality
 - more colours/brightness levels considered the same
 - more reduction in file size
 - more loss in detail

A

Following examples not scaled accurately

Just to give an idea...

Original: 4,436 x 2825 pixel image (8 MB)

A

Original already compressed to fit screen



Reduced: 1,920 x 1,223 pixel image (500 KB)

Because original is
compressed to fit
screen, both are
about the same
quality
Size: 1/16th



A

Reduced: 1,920 x 1,223 pixel image (500 KB)



Reduced: 640 x 408 pixel image (86 KB)

Because 640 x 408 image smaller than
screen, it is left smaller
Size: 1/93rd of original



A

1,920 x 1,223 pixel image (500 KB)



1,920 x 1,223 pixel image
Quality: 50 (150 KB)



Even quality 50
hard to distinguish
from quality 90
Size: 1/53rd of
original

A

1,920 x 1,223 pixel image (500 KB)



1,920 x 1,223 pixel image
Quality: 1 (18 KB)



Quality 1 very
poor quality
But only 18 KB
 $1/444^{\text{th}}$ of original



Considerations

- Crop image?
- Print image?
- Max resolution display device expected?
- Do you care about quality?
- Editing
 - If always save at 90
 - can repeatedly re-edit and not lose significant quality
 - If saving at lower quality
 - each time you save, more details lost

A

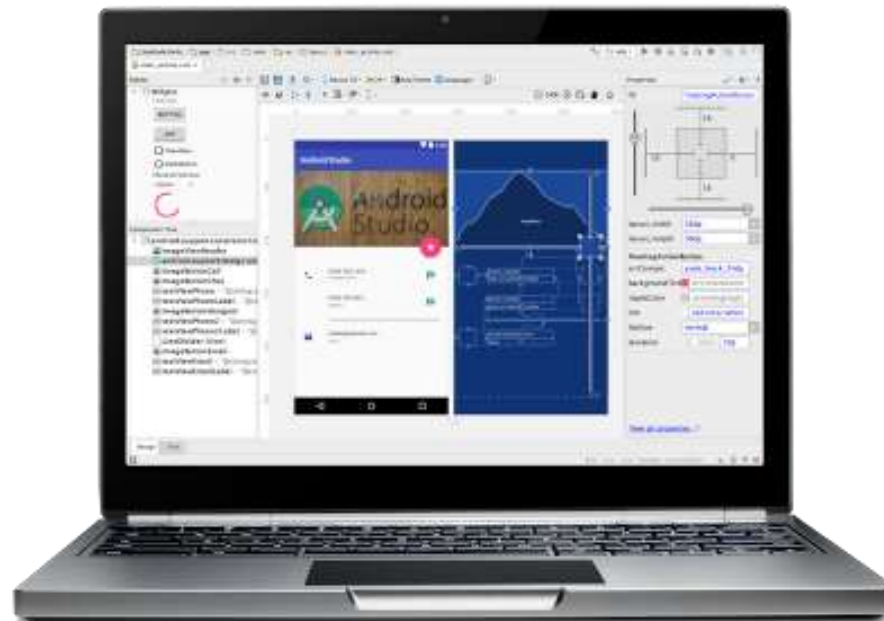
Once you discard detail

...

you can't get it back



What can I do with a Chromebook that is now too old to receive any further updates but otherwise is 100%?



A

In 2016, Google introduced an End Of Life (EOL) policy that offered support for five years.

About a year later, it changed the name to something that didn't imply planned obsolescence – Auto Update Expiration (AUE) – and extended support for new Chromebooks to 6.5 years.

The Guardian
September, 2019

Three Options:

- Do nothing, use the computer as-is, but with care!
- Chromebook at EOL is old, likely underpowered, and slow? – Buy new
- Install a different operating system



Use a Chromium OS “clone”

**What's the best
CloudReady device? The
one you **already have.****

neverware

CloudReady: Home Edition is the free, easy way to transform your old PC or Mac into a high-performing Chrome device.

<https://www.neverware.com/freedownload>

Install a Linux distro

Chrome OS is built on the Linux kernel, which is why newer models can install Linux applications. It also means that users can install other Linux distributions.

How-To Geek

<https://www.howtogeek.com/403164/what-to-do-when-your-chromebook-reaches-the-end-of-its-life/>

“...you can install an Ubuntu desktop alongside Chrome OS with an unofficial chroot environment called Crouton.”

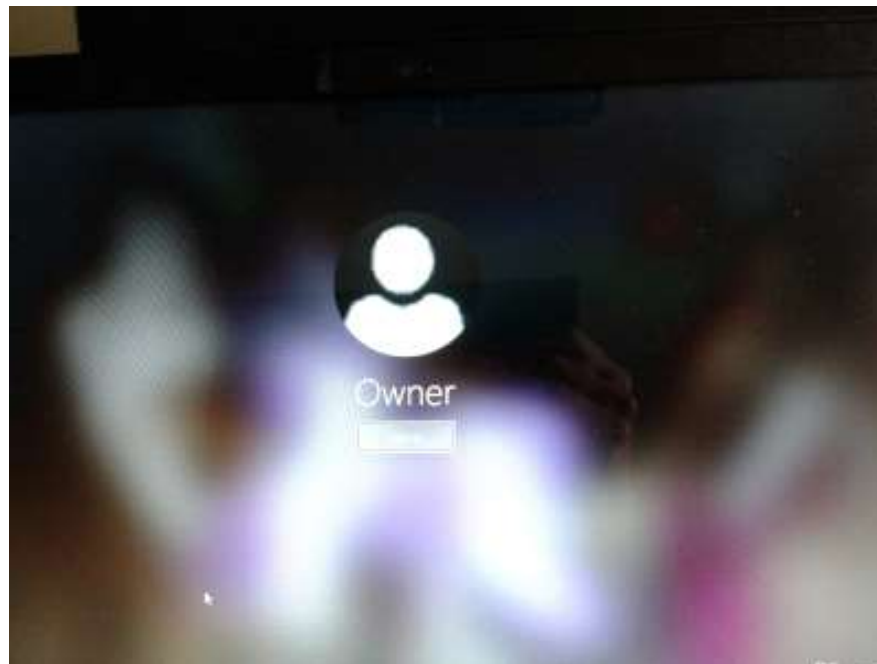
“...you can install Linux [*Gallium OS*] in a more traditional fashion, partitioning the drive and dual-booting it with Chrome OS.



[https://www.pcmag.com/how-to/
how-to-install-linux-on-your-chromebook](https://www.pcmag.com/how-to/how-to-install-linux-on-your-chromebook)



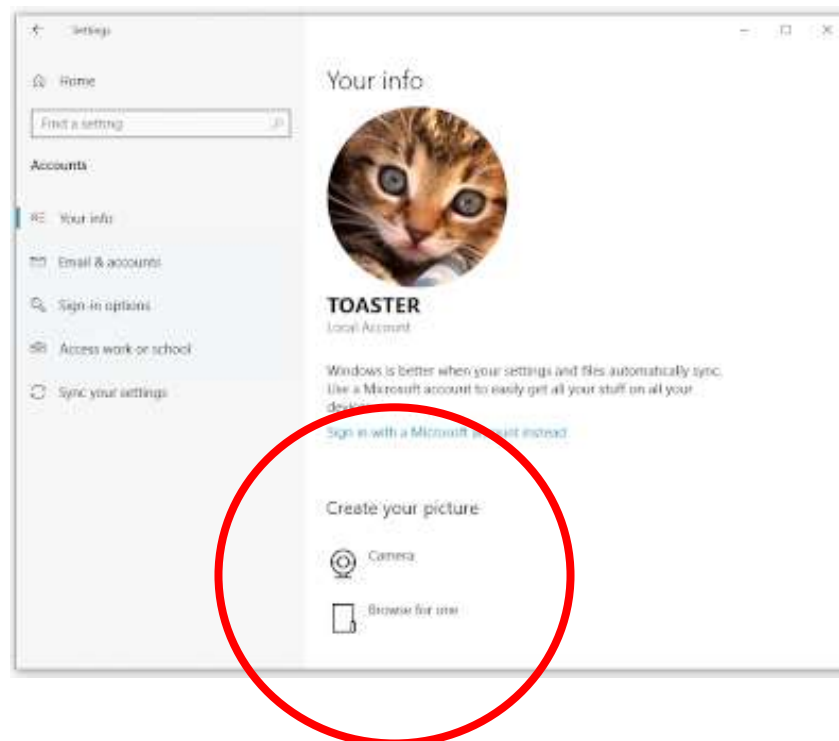
I downloaded Microsoft Teams to my laptop. Since then I noticed that the logo/image that appears on my screen when logging in has changed. Before, it was just an outline; now it is completely filled in.



A

The account profile image can be changed by going to *Settings | Accounts | Your info*.

On the right is a "*Create your picture*" section where you can change it.





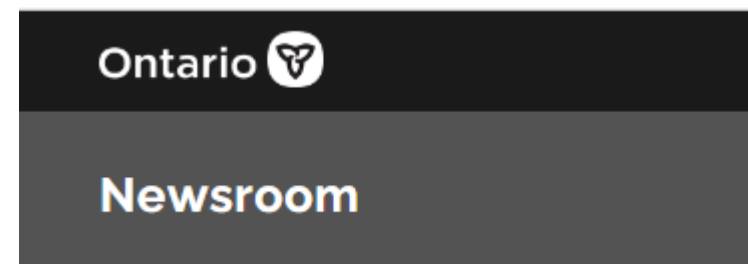
Ontario is working on a “digital wallet” that will allow people to carry birth certificates, driver's licences and other identification.

Does this mean that current ID's will be consolidated into a single ID card, perhaps with user login / password? Alternatively, might the Government be considering biometric authentication? I am wary of biometric identification in case my ID ever gets hacked.

A

Through the Digital Identity project, people and businesses in Ontario will be able to securely and conveniently prove their identity online, setting up a Digital Identity on a mobile device for easier and more convenient access to services.

<https://news.ontario.ca/en/backgrounder/58873/ontario-onwards-digital-identity-project>



A Digital Identity is established by first verifying your identity

Digital ID documents are then saved in a Digital Wallet on a mobile device

Helps to combat identity fraud and protect data

No need to scan and send identification insecurely through E-mail

Strong encryption and privacy protecting technology secures personal information such as name, date of birth, and address

BC and Alberta offer digital identities

Both provinces have integrated their digital identities with the Federal Government to enable residents to access federal services with their provincially-issued digital IDs

Starting in January, Ontario will consult with industry on how the province could introduce a secure Digital Identity by the end of 2021



Bluink Ltd., an Ottawa-based company, has developed *eID-Me*. See a demonstration (on-line video) at:

<https://bluink.ca/eid-me/individuals>





I run Windows 10, with dual monitors. My second monitor often doesn't wake up after a sleep. Removing and replacing the power cord always brought the monitor to life. However, with a brand new computer the same problem exists and playing with the power cord and the monitor's data cable doesn't always work.



A

One possible cause for this problem is a bad video driver. It would be worthwhile to update the driver to see if this cures the problem.

A quick way to wake up the monitor might be to use the keyboard shortcut *Ctrl-Shift-Win-B* to “restart the graphics driver”.

Another method is to switch the displays to mirror mode to wake up the second monitor. For example, use *Win+P*, select *Duplicate* and then immediately press *Extend*



**Any Other:
Questions?
Comments?
Shares?**



If we have time...

Awesome Icons

Customize the icons on your Android smartphone



Alan German



OPCUG Monthly Meeting
November 11, 7:30 pm

Computers at War
Bob Walker, OPCUG



Details at: opcug.ca/events/computers-at-war/



Tech Café, OPL
November 23, 4:00 pm

**Scam Avoidance
and Trust**

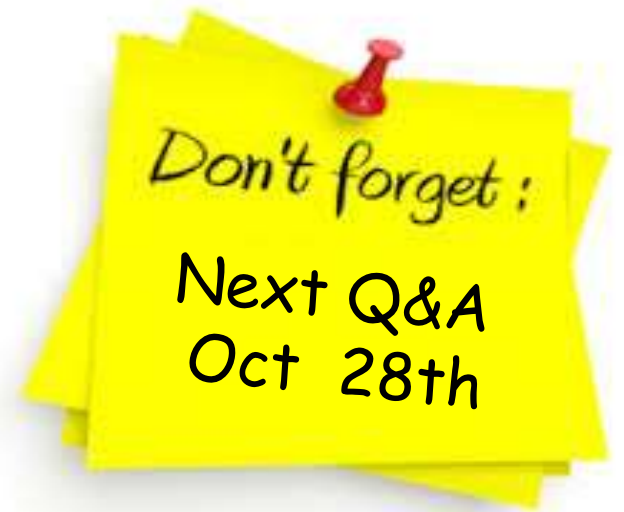


Lawrence Patterson

Register at: opcug.ca/opl-presentations/



Questions



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

SuggestionBox@opcug.ca

