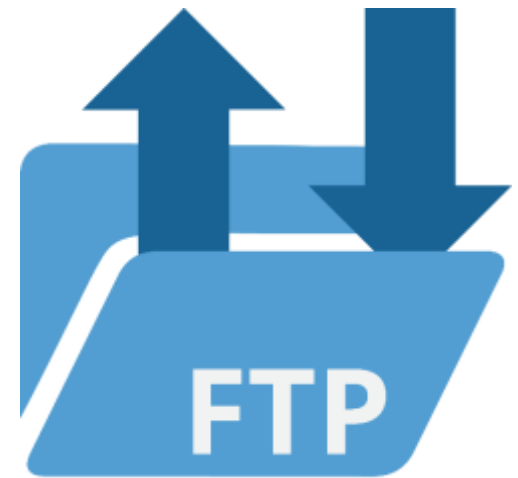




Chris Taylor and Alan German
Ottawa PC Users' Group

Follow-up

FTP

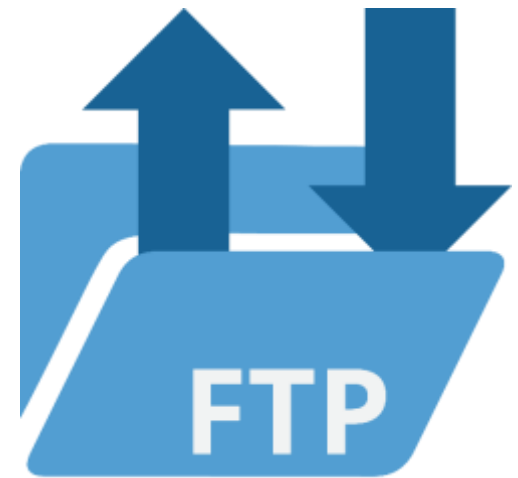


Problem with FTP (File Transfer Protocol)
connection to web server

- Could connect
- Couldn't get a directory listing

Follow-up

FTP



Most common issue with FTP

FTP normally uses 2 connections

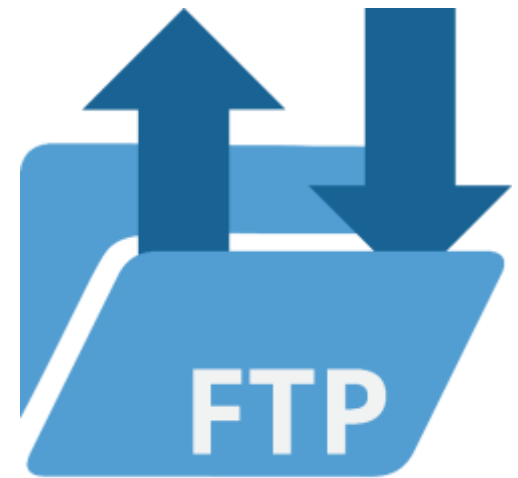
- CONTROL connection initiated by client
- DATA connection initiated by server
 - firewalls will normally block any connection initiated from network

PASV mode solves this

- both connections established from client

Follow-up

FTP



Problem solving

- Established connection fine
- PASV mode worked
- DATA connection (directory listing) failing (both LIST and MLSD)
- Disabling McAfee firewall solved problem
- McAfee firewall not following the rules!

Share

The ultimate guide to saving disk space

Desperately Seeking Disk Space

Tom Trottier



Even More Space-Saving Options

Chris Taylor



Some other options for finding and removing duplicates and files you don't need:

TreeSize Free

https://www.jam-software.com/treesize_free

CCleaner

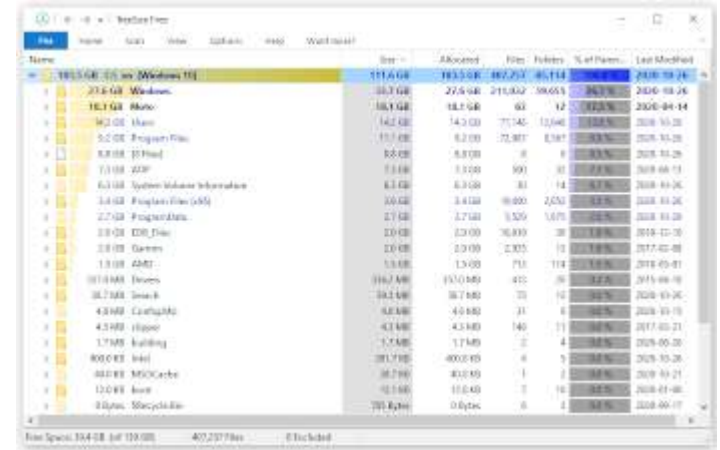
<https://www.ccleaner.com/ccleaner>

Awesome Duplicate Photo Finder

<https://www.duplicate-finder.com/photo.html>

SearchMyFiles

http://www.nirsoft.net/articles/find_duplicate_files.html



Name	Size	Allocated	Files	Folders	% of Files	Last Modified
C:\	183.5 GB	183.5 GB	46,114	26,739	26.7%	2020-08-24
C:\Program Files	27.6 GB	27.6 GB	215,002	39,653	26.7%	2020-08-24
C:\Program Files (x86)	18.1 GB	18.1 GB	60	12	12.5%	2020-08-14
C:\Users	14.2 GB	14.2 GB	77,140	12,040	13.8%	2020-08-28
C:\Users\Public	5.2 GB	5.2 GB	22,807	2,587	20.5%	2020-08-28
C:\Users\Public\Public Desktop Icons	8.8 GB	8.8 GB	8	0	0.0%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons	1.1 GB	1.1 GB	891	31	2.2%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	6.3 GB	6.3 GB	81	14	0.7%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	3.4 GB	3.4 GB	10,000	2,000	1.1%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	2.7 GB	2.7 GB	1,500	1,070	0.4%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	2.0 GB	2.0 GB	10,000	20	1.0%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	2.0 GB	2.0 GB	2,000	10	1.0%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	1.0 GB	1.0 GB	100	100	1.0%	2020-08-28
C:\Users\Public\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons\Public Desktop Icons	100 MB	100 MB	100	100	1.0%	2020-08-28
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CCleaner – Use with caution since it can remove a whole lot more than most people would likely want

Recommended settings:

Custom Clean section

Applications tab

All web browsers

Internet cache

Compact databases

Thunderbird

Internet Cache

Compact Databases



CCleaner – Recommended settings:

Windows tab

Microsoft Edge

Internet cache

Edge Chromium

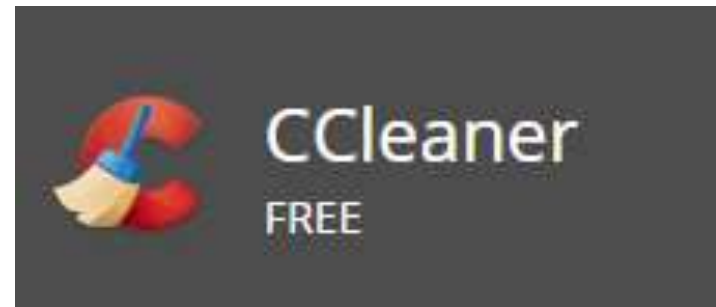
Internet Cache

Compact Databases

Internet Explorer

Temporary Internet Files

Index.dat files



CCleaner – Recommended settings:

Windows tab (Cont'd)

System

Temporary Files (some people may prefer
not to include temp files)

Memory Dumps

Chkdsk File Fragments

Advanced

Old Prefetch Data



Don't use CCleaner's
registry cleaner!

*"Registry cleaners don't fix
problems. They invent them."*

<https://decentsecurity.com/registry-cleaners>



Microsoft does not support the use of registry cleaners

<https://support.microsoft.com/en-us/help/2563254/microsoft-support-policy-for-the-use-of-registry-cleaning-utilities>

Remove Windows 10 apps*
that *Settings | Apps* won't
let you remove using
CCleaner | Tools | Uninstall

Can reinstall from the
Windows Store if needed



* *At every feature update to Windows (typically twice a year), all these built-in apps will be reinstalled*

For browsers that allow it*, set the cache size to smaller values (maybe 50-100MB)

Or, if you can't/don't want to, empty the cache regularly with CCleaner

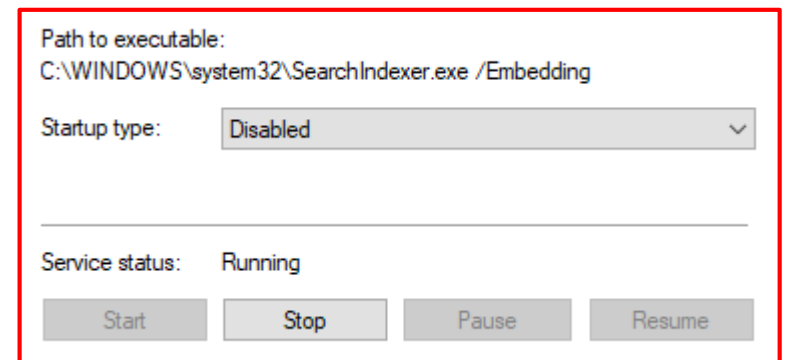
Remove crapware installed by manufacturer along with programs you no longer use

**Currently can't with Chrome and Edge, but can set Edge to delete cached files when you close Edge*



Turn off disk indexing if you don't use it

- Right click *Start* | *Computer Management*
- Expand *Services and Applications* and choose *Services*
- Double-click *Windows Search*
- Click *Stop*
- Set *Startup type* to *Disabled*
- Delete existing index by loading *Settings* and searching for *Indexing Options*
- Click on *Indexing Options*
- *Advanced button* | *Delete and rebuild index* | *Rebuild*
(Windows Search service is disabled – unable to rebuild the index)





Does the new technology to use a smartphone app to select a floor level instead of pushing a button on an elevator use WIFI?



OTTAWA | NEWS

**Contact-less App allows people to
operate elevators and doors touch free**

A

Contactless Access app developed by Protodev Canada, an Ottawa-based company, uses Bluetooth to connect to doors, elevators, etc.

Contactless Access™

Brand new product developed by us. Custom hardware that can be easily integrated into existing elevators and automatic doors. Custom app to allow users remotely operate the doors and elevators with their smartphone. This article by a former CDC director warns people of the dangers of Covid 19 transmission specifically from the hard surfaces of doors and elevator buttons. In addition to enhanced accessibility, our product provides physical distancing for elevators and doors.



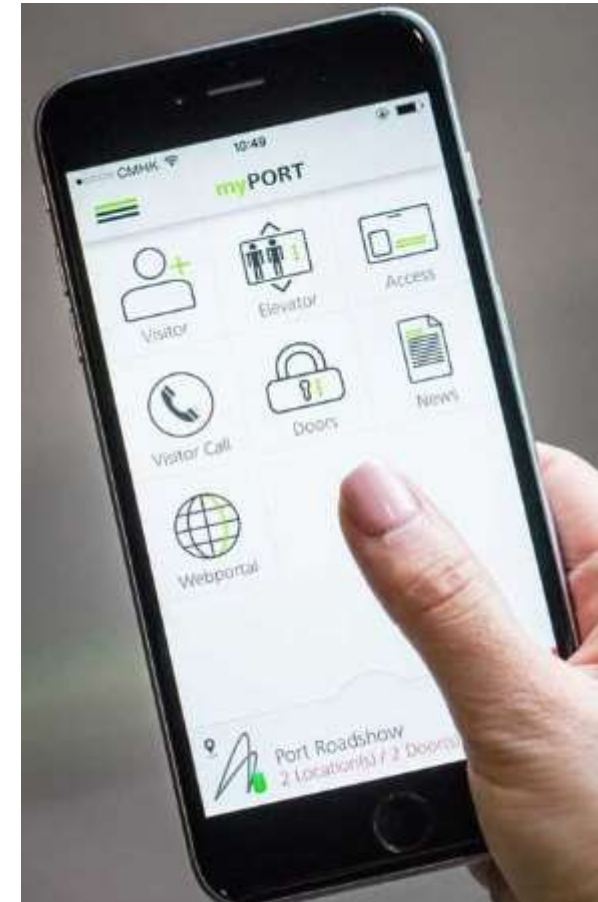
<https://www.protodevcanada.com/s/Contactless-Access-Rev12.pdf>



myPORT

Smartphone App:

- Verify identity to access building
- Unlock doors, switch on lights
- Learn arrival/departure times
- Call elevator, pre-select floor
- Lunchtime, pre-select cafeteria floor
- Send access authorization codes by SMS to visitors



Share

Complain!

Long advocated complaining when something is not working properly

- Latest:
 - bug in *FancyZones* zone editor in way zones are split: within 30 minutes of reporting, email thanking me for reporting it.
- Windows Feedback Hub
 - error opening *PowerPoint* files from the Internet: fixed
 - *Controlled Folder Access*: enhancement request to make it easier to allow an app – upvoted 466 times – enhancement added
 - *Calculator* doesn't follow Windows colour scheme: only 3 upvotes. No change (yet)
 - *Weather* app feature request, add date picker to historical weather: Only 3 upvotes. No change (yet)



How do I choose security software for my PC and smartphone?

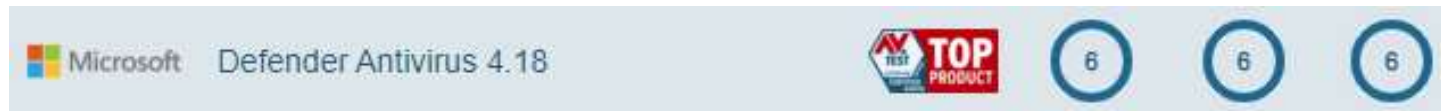


A

Windows Defender is built into Windows 10, provides exceptional anti-virus protection*, and is regularly updated automatically by Windows itself.



**AV-Test (Aug-2020) gave it a perfect score right across the board for protection, performance, and usability*



<https://www.av-test.org/en/antivirus/home-windows/>

What about smartphones?

Not Windows Defender!

So, a zillion choices...



What about smartphones?

Not Windows Defender!

So, a zillion choices...

Review the reviews

Consult multiple reviews,
in trusted sources

Restrict to free software

But, not all free software is free!

- trial versions, upgrades, adverts,





best free android antivirus software

www.techradar.com › [best](#) › [best-android-antivirus-app](#) ▼

The best Android antivirus app of 2020 | TechRadar

Jun 16, 2020 — AVG **AntiVirus Free** is another high-quality **app** for securing your **Android** device, and it delivers an impressive level of **protection** at no cost ...

www.av-test.org › [antivirus](#) › [mobile-devices](#) ▼

Test antivirus software for Android - September 2020 | AV-TEST

The current tests of **antivirus software** for **Android** from September 2020 of ... The **best antivirus software** for **Android** ... AVG AntiVirus **Free** 6.31, certified, >.

www.androidauthority.com › [best-antivirus-android-ap...](#) ▼

15 best antivirus apps and best anti-malware apps for Android

Oct 1, 2020 — The **app** scans your **apps** for potential malware activity, although its find ... Bitdefender **Antivirus** is one of the few actually **free antivirus apps**.



APPS

October 1, 2020

15 best antivirus apps and best anti-malware apps for Android



Joe Hindy / @ThatJoeHindy

Sophos Intercept X for Mobile

Price: Free

Sophos is one of our favorite antivirus and anti-malware apps for Android. It includes all of the basic stuff such as malware protection, a virus scanner, web filtering, app protections, theft protection, Wi-Fi security, and all kinds of other stuff. It does all of this for free, without advertising, and it doesn't include any garbage booster functions that don't actually work. Its password safe function is KeePass compatible and it even comes with an authenticator function for multi-factor authentication. We don't outwardly recommend antivirus apps to anybody, but if you're going to have one, try this one first.

The best antivirus software for Android

In September 2020 we evaluated 15 mobile security products for Android using their default settings. When conducting our tests, we always used the most current version of all products. The products were allowed to update themselves at any time and query their in-the-cloud services. We focused on malware detection and usability, including performance and false positives. The products had to demonstrate their capabilities using all components and protection layers.

Android: September 2020

Producer		Certified	Protection	Performance	Usability
		✓✓	✓✓	✓✓	✓✓
	Mobile Security 3.3		6	6	6
	Mobile Security 6.0		6	6	6
	Mobile Security 26.7		6	6	6
	Internet Security 11.53		6	6	6



Tests for home users

More >

Android Antivirus >

MacOS Antivirus >

Windows Antivirus >



Tests for business users

More >

Android Antivirus >

MacOS Antivirus >

Windows Antivirus >

All tested manufacturers



Sophos Home User Products

Producer	Certified	Protection	Performance	Usability
November 2019				
SOPHOS Intercept X for Mobile 9.5		6	6	6
September 2019				
SOPHOS Mobile Security 9.0		6	6	6
July 2019				
SOPHOS Mobile Security 9.0		6	6	4



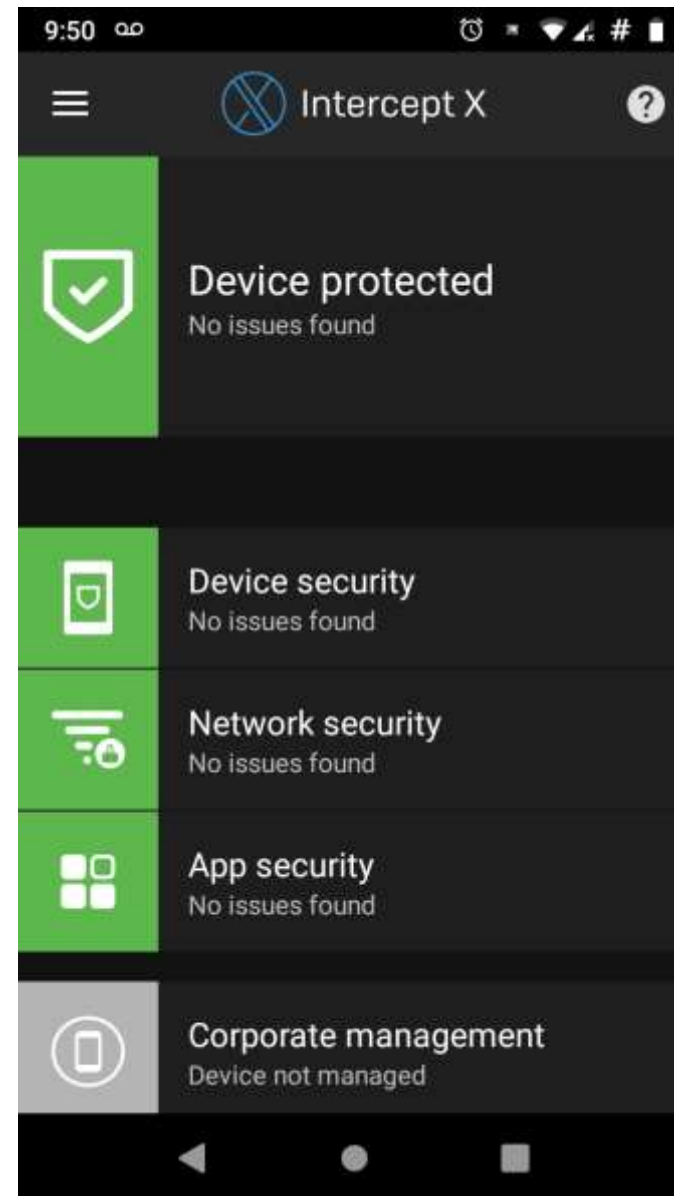
Sophos Intercept X for Mobile

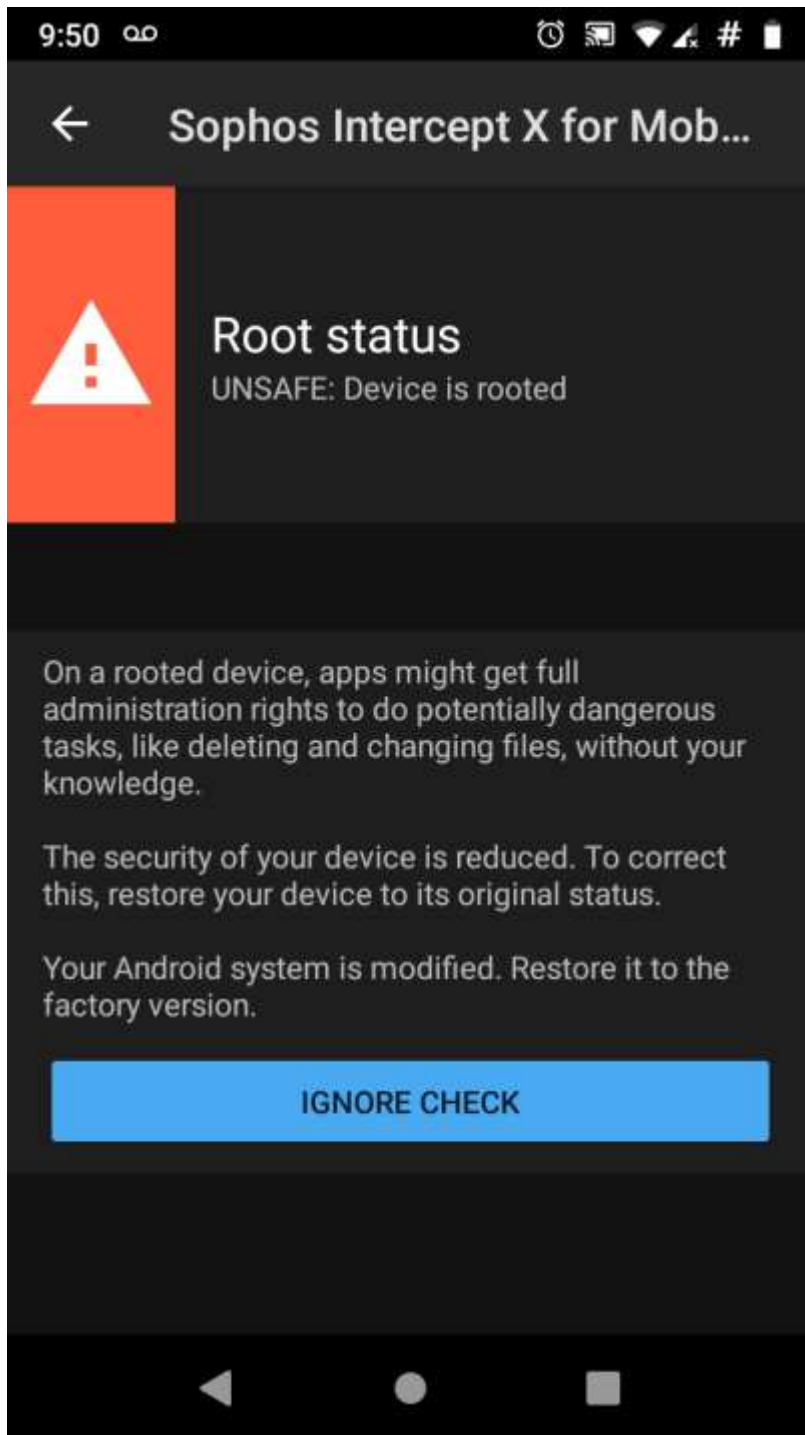
Sophos Limited Tools

★★★★☆ 43,958

Everyone

Add to wishlist





Device health status:

Latest Android version



Android compatibility



Root status



Encryption



Wi-Fi security





- Don't chase the latest news on which product is "best"
- They always vary and move up and down the lists over time
- Pick one solid product that seems to be overall "good" and then just keep it up-to-date
- Maybe review every year or so to ensure it isn't consistently slipping in trusted reviews



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



If we have time...

Awesome Icons

Customize the icons on your Android smartphone



Alan German

Controlled Folder Access

Protect your data files against ransomware



Chris Taylor



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**

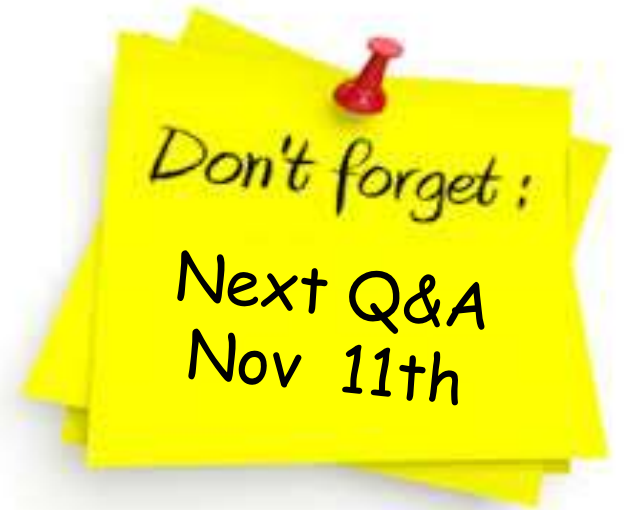


Lawrence Patterson

Register at: opcug.ca/opl-presentations/



Questions



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

SuggestionBox@opcug.ca

