



Q&A

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



**Suggestions for  
topics for  
presentations at:**

**Monthly  
meetings**

**Q&A**

1. USB ports, cables, and docks
2. Audacity, sound recording and editing
3. Gmail labels, explanation and demo (Chris)
4. Foobar2000, edit recordings, reduce file size (Tom)
5. Screen capture, Greenshot, (Bob Herres), ShareX (Tom)
6. Video capture, Debut, Screen Hunter ProX, PowerPoint

Share

# Windows 10 v21H1



- Available to users currently on v2004 or later
  - *Settings | Update & Security*
    - *Check for updates*
- Installed in under 5 min (for me)
- ISO available for download
  - I recommend only installing from Windows Update
- Not much new
  - support for multiple Windows Hello-enabled cameras
  - Windows Defender Application Guard improvements
  - improvements in Windows Management Instrumentation via Group Policy.
  - Chromium-based Edge browser available as part of 21H1
- Mary Jo Foley
  - <https://www.zdnet.com/article/microsoft-kicks-off-the-rollout-of-windows-10-21h1/>



# Mixplorer

- Has anyone heard of this supposedly venerable Android file manager?
- Is it any good?



## MiXplorer Silver - File Manager

HOOTAN PARSA Productivity

★★★★★ 1,797

**E** Everyone

 Add to wishlist

\$4.49 Buy

<https://www.xda-developers.com/mixplorer-turns-10-years-old/>

# MiXplorer

AN ANDROID FILE EXPLORER

MiXplorer (SD, FTP, Lan, Cloud and other storage explorers) is a fast, smooth, beautiful, reliable and full-featured Android file manager with a simple and intuitive user interface. This app has no ads, is and **will always remain free**. It supports Android 2.0+ (Eclair) I hope you enjoy it.

- Unlimited tabbed browsing
- Dual panel in landscape mode
- HTML and PDF viewer
- Advanced search
- ...and more

<http://mixplorer.com>

# MuseScore

Music Notation Software

<https://musescore.org/en>

107MB

← → ↻ <https://musescore.org/en> あ ☆ ☆ ↓ 📁 Pas en cours de synchronisation

**musescore** Search for sheet music  Upload Log In

Download Support Contribute Activity

Create, play and  
print beautiful  
sheet music

THE WORLD'S MOST POPULAR  
NOTATION SOFTWARE

**Free Download**

MuseScore 3.6.2 64-bit - Windows 10

11 *viel schneller*  
*ppp*  
mit Dämpfung (3. Pedal)



# Commercial Side

The .com site has music sheets for sale

The screenshot shows the Musescore.com website interface. At the top, there is a browser address bar with the URL <https://musescore.com>. Below the browser bar is a blue navigation bar containing the Musescore logo, a search bar with the text "Search for Alleluia", and navigation links for "Browse", "Community", "Start Free Trial", "Upload", and "Log in". A dark blue promotional banner below the navigation bar reads "Welcome Offer – 65% OFF Only For New Users" with a countdown timer at "00:59:04" and a "View Offer" button. On the left side, there is a "Filters" section under the heading "Ensemble". It includes a checkbox for "Solo" with 720,573 items, and expandable categories for "Bands / Orchestras" (29,549), "Brass Ensembles" (24,594), and "Mixed Ensembles" (291,970). A "Show all" link is at the bottom of the filter list. The main content area features a section titled "Notate your music" with an image of a laptop displaying musical notation. To the right of the image, the text reads: "Download professional free software to create, play and print Sheet music." A large blue button labeled "Download Musescore" is positioned to the right of the text.

**Filters**

Ensemble

- Solo 720,573
- > Bands / Orchestras 29,549
- > Brass Ensembles 24,594
- > Mixed Ensembles 291,970

Show all ▾

## Notate your music

Download professional free software to create, play and print Sheet music.

[Download Musescore](#)

# Why MuseScore?



Professional music notation software



Completely free, no limitations



Easy to use, yet powerful



Open source



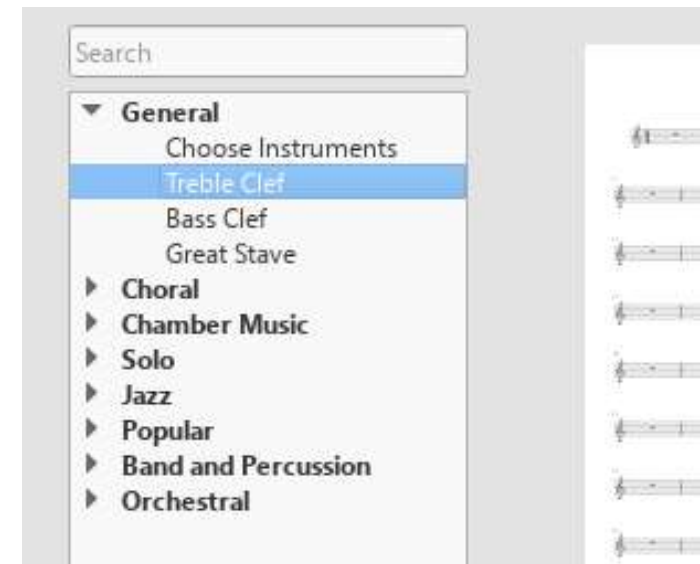
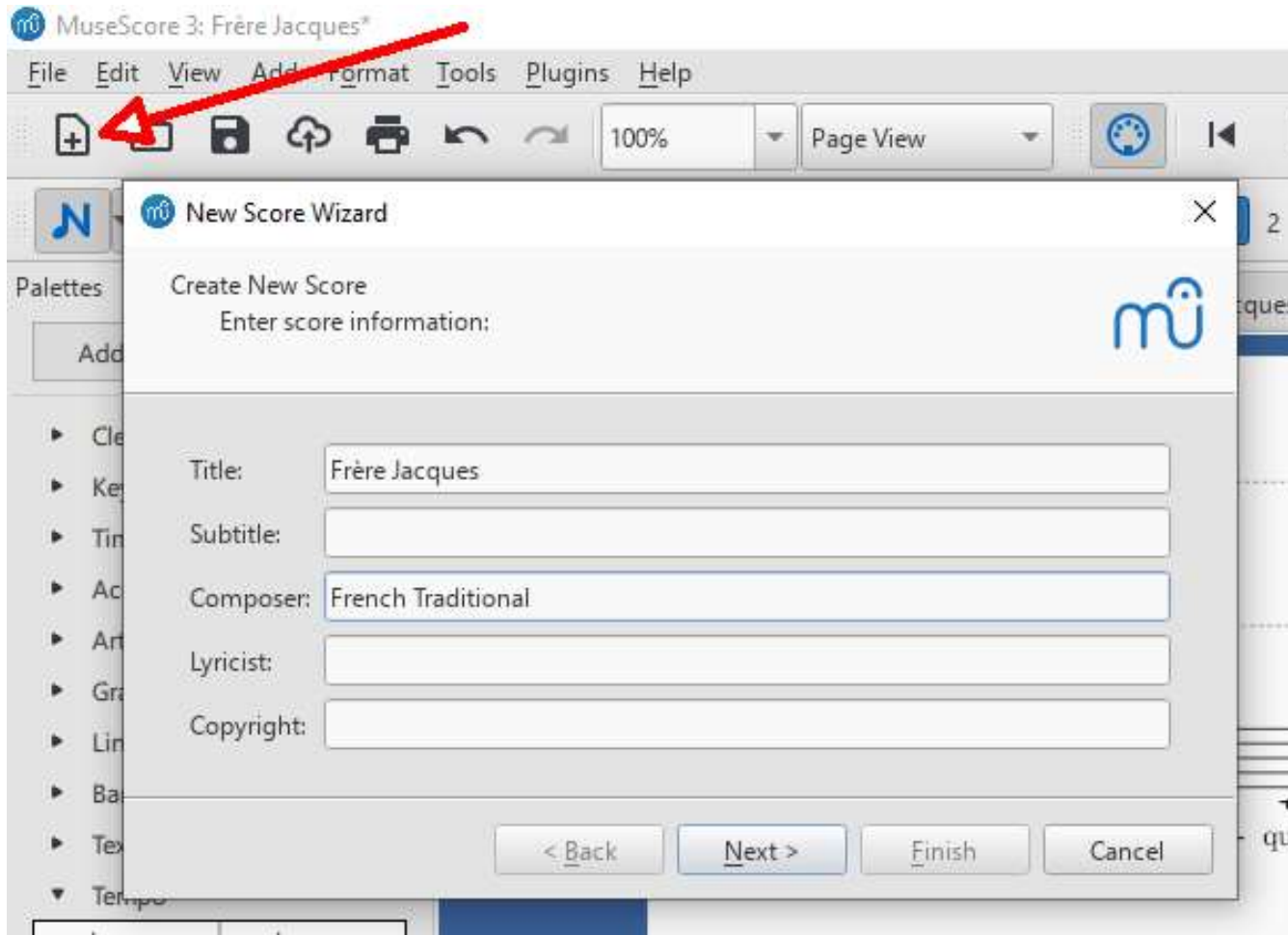
Input via MIDI keyboard



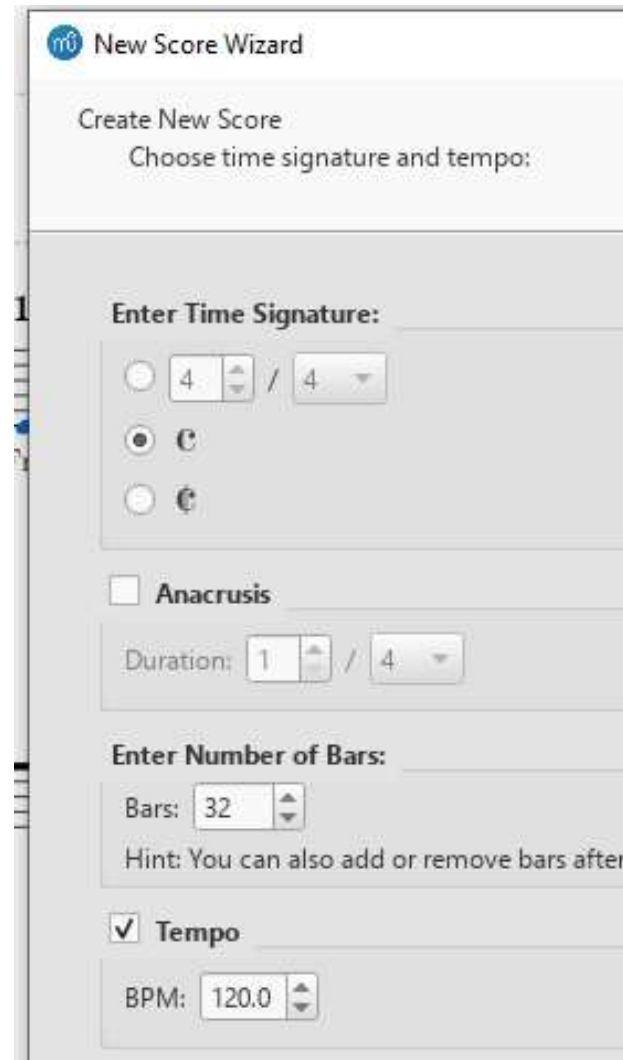
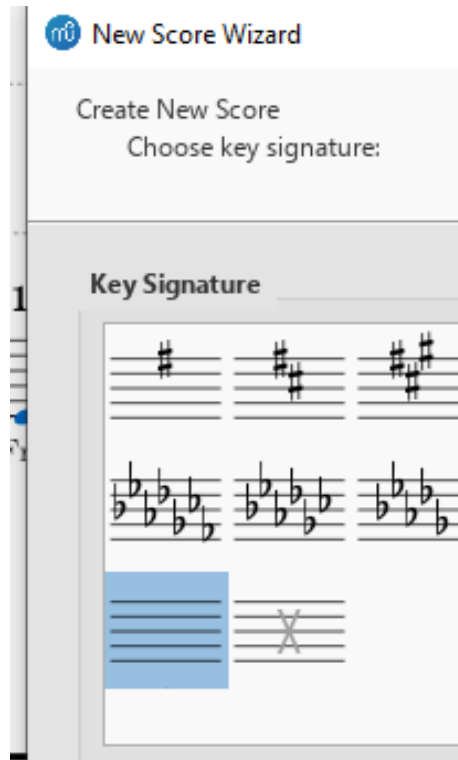
Transfer to and from other programs via MusicXML, MIDI and more



# Starting a New Score

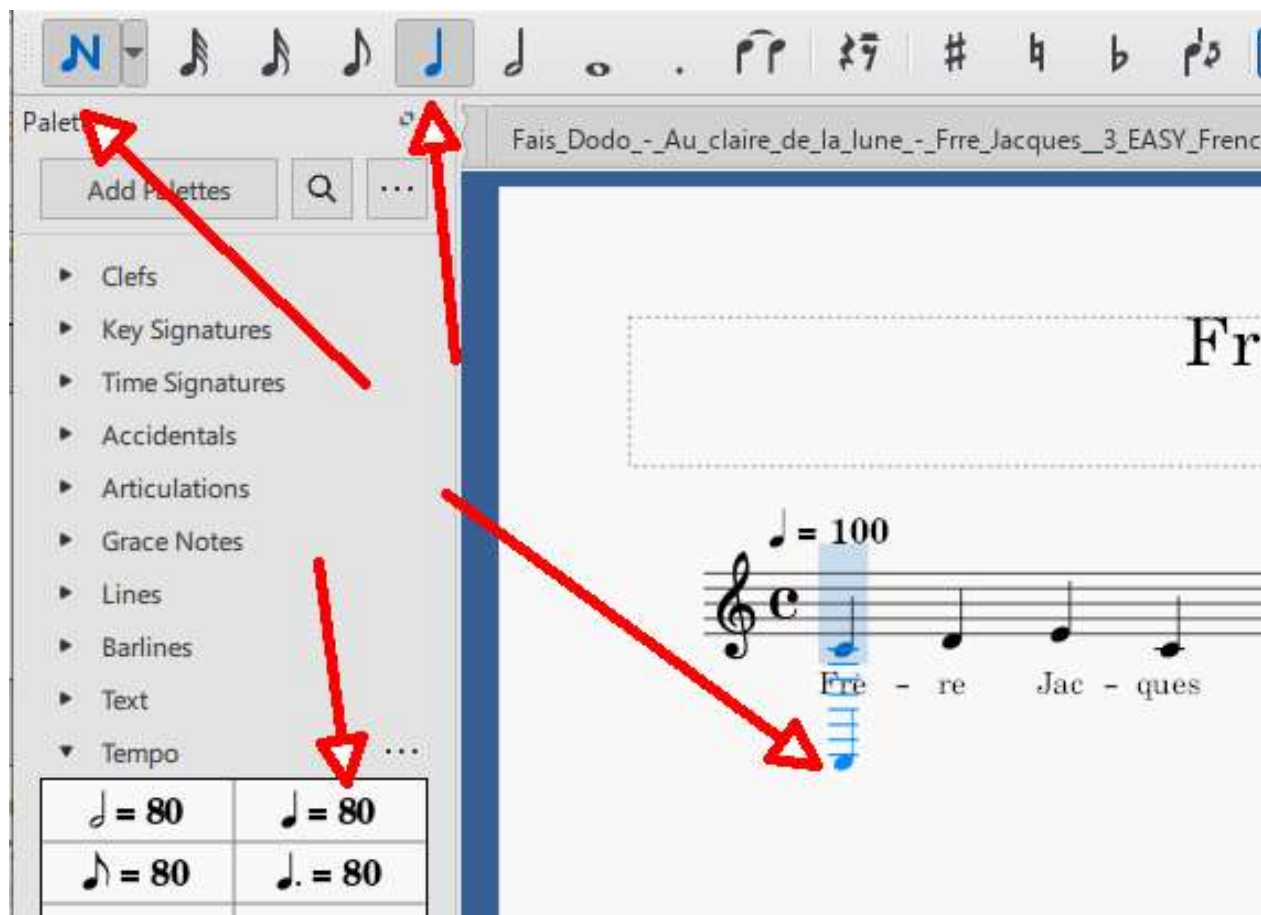


# Choose key & Time Signature, tempo, number of bars



# Entering Notes

## With mouse, keyboard or MIDI



# Adding Lyrics - 1 or more lines

The screenshot shows a music notation software interface with the 'Add' menu open. The 'Lyrics' option is highlighted in blue. The background shows musical notation on staves with lyrics in French. The 'Add' menu includes the following items:

- Notes
- Intervals
- Tuplets
- Bars
- Frames
- Text**
  - Title
  - Subtitle
  - Composer
  - Lyricist
  - Part Name
  - System Text (Ctrl+Shift+T)
  - Stave Text (Ctrl+T)
  - Expression Text (Ctrl+E)
  - Chord Symbol (Ctrl+K)
  - Rehearsal Mark (Ctrl+M)
  - Instrument Change
  - Fingering
  - Lyrics (Ctrl+L)**
  - Sticking
  - Roman Numeral Analysis
  - Nashville Number
  - Figured Bass (Ctrl+G)
  - Tempo Marking (Alt+Shift+T)
- Lines

The background music notation includes the following lyrics:

en-blés en un mê-me Corps  
Seigneur Ren-dezgrâce à plei-  
joie Al-lé - lu, al lé lu, Al-lé  
- gneur est mon pas - teur  
- nè - bre du ra - vin  
- pas nous est ser - vi  
- nées ont beau s'en - fuir

# Editing Staff, barlines & lines

The image shows a music editing software interface. On the left is a panel with two sections: 'Lines' and 'Barlines'. The 'Lines' section contains a grid of musical symbols including various slurs, hairpins (crescendo and decrescendo), first and second endings, and repeat signs. The 'Barlines' section shows different barline styles. On the right is a musical staff titled 'French Traditional'. The staff contains two lines of music. The second line of music has a section highlighted with a blue rectangular box, indicating it is selected for editing.

# Play the Music

## Change speed, repeat, metronome

The image shows a screenshot of a music player application. The top toolbar contains various playback controls: a play/pause button (highlighted with a red arrow and a tooltip that reads "start or stop playback (Space)"), a stop button, a previous button, a next button, a repeat button, and a full-screen button. Below the toolbar, there are tabs for different songs, including "Happy Birthday", "Fais\_Dodo\_-\_Au\_claire\_de\_la\_lune\_-\_Frre\_Jacques\_3\_EASY\_French\_Folk\_Songs", and "Frère Ja". The main area displays a musical score for the song "Rassemblés". The score is in treble clef, 4/4 time, and has a tempo marking of  $\text{♩} = 120$ . The lyrics are "Ras - sem - blés en un mê - me Corps". A red arrow points to the first note of the melody, which is a blue quarter note. The word "Rassemblés" is written in a large, bold font above the score.



# Change the pitch

The screenshot shows a music software interface with a 'Transpose' dialog box open. A red arrow points to the 'Transpose' button in the top toolbar. The dialog box has the following settings:

- Transpose Chromatically
  - To Key
    - Closest
    - Up
    - Down
  - By Interval
    - Up
    - Down
- Transpose key signatures
- Transpose Diatonically
  - Up
  - Down
- Keep degree alterations

The list of key signatures on the right side of the dialog box is as follows:

- C ♭ major / A ♭ minor
- G ♭ major / E ♭ minor
- D ♭ major / B ♭ minor
- A ♭ major / F minor
- E ♭ major / C minor
- B ♭ major / G minor
- F major / D minor
- C major / A minor**
- G major / E minor
- D major / B minor
- A major / F ♯ minor
- E major / C ♯ minor
- B major / G ♯ minor
- F ♯ major / D ♯ minor
- C ♯ major / A ♯ minor

The 'Second' button is visible at the bottom of the dialog box.

# Complex Score

## Symphony No. 5 in C Minor

### First Movement

Adp. from arrangement  
by Ernst Pauer (1826-1905)

Ludwig van Beethoven

**Allegro con brio**

The image displays two systems of musical notation for the first movement of Beethoven's Symphony No. 5 in C Minor. The first system consists of a piano part (left) and a violin part (right). The piano part begins with a forte (*ff*) dynamic and a tempo marking of  $\text{♩} = 60$ . The violin part begins with a piano (*p*) dynamic and a tempo marking of  $\text{♩} = 164$ . The second system continues the piano part with a mezzo-piano (*mp*) dynamic and a tempo marking of  $\text{♩} = 60$ . The violin part continues with a mezzo-piano (*mp*) dynamic and a tempo marking of  $\text{♩} = 164$ . The score is in 2/4 time and C minor. The piano part features a rhythmic pattern of eighth notes, while the violin part features a melodic line with eighth notes and rests. The score is arranged in two systems, with the first system showing measures 1-6 and the second system showing measures 7-12. The piano part is marked with *ff* and *mp*, and the violin part is marked with *p* and *mp*. The tempo markings are  $\text{♩} = 60$  for the piano and  $\text{♩} = 164$  for the violin.



# USB Drive Share via Router



- Enable USB sharing on router (Admin panel)
- Identify IP address (ipconfig)
- Open connection (Run - //192.168.0.1)
- Assign drive letter (Map network drive)
- But...

\\192.168.0.1

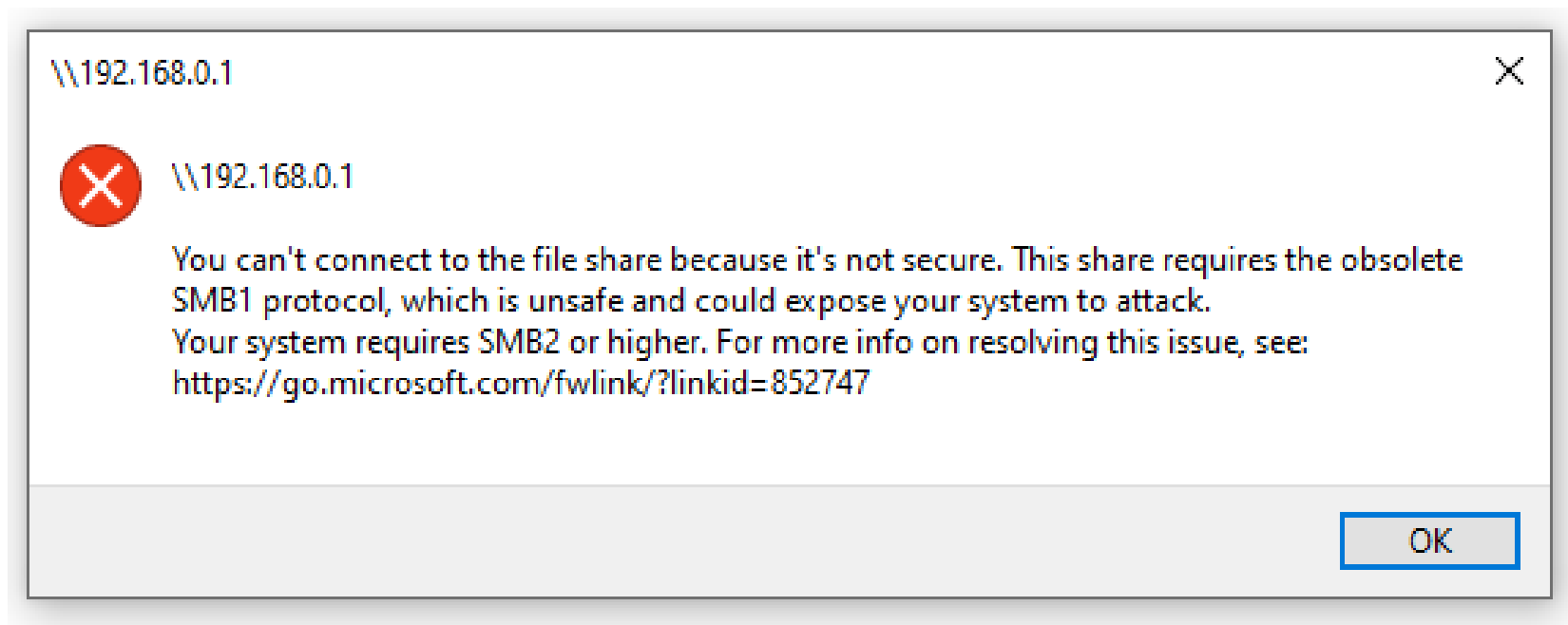


\\192.168.0.1

You can't connect to the file share because it's not secure. This share requires the obsolete SMB1 protocol, which is unsafe and could expose your system to attack.

Your system requires SMB2 or higher. For more info on resolving this issue, see:  
<https://go.microsoft.com/fwlink/?linkid=852747>

OK



- Enabling SMB2 and disabling SMB1 in Windows 10 fails to connect share

```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> Get-SmbConnection

ServerName ShareName Username Credential Dialect NumOpens
-----
192 e44e-f4c8 Dell-Inspiron\toaster Dell-Inspiron\toaster 1.5 2

PS C:\WINDOWS\system32>
```

- Enabling SMB1 and SMB2 connects share using “Dialect 1.5”
- Does this mean that the router doesn’t support SMB2?



# WiFi Security guidance

- OPCUG presentation
  - *Tips for Running a Secure Wireless Network @ Home*
- Questions about
  - WiFi Protected Setup
  - ensuring firewall is on
  - remote administration



# A WiFi Protected Setup



- Guidance
  - *Disable WPS due to vulnerabilities*
- Question: *why?*
- Answer: *security vulnerability*
  - WPS: 8-digit number but only 11,000 unique
    - often printed on sticker on modem
    - maybe can't be changed
  - some routers have WPS button
    - only active for few minutes when pressed
    - **(probably) safe to leave enabled**
- But is WPS really needed?





# A

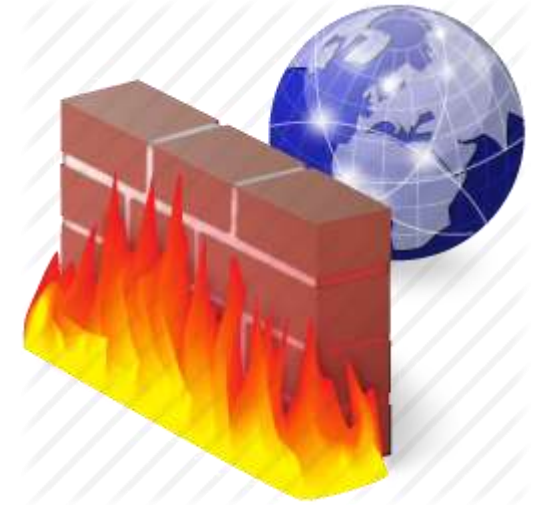
## WiFi Protected Setup



- WPS is on and says
  - *Turning off WPS will also disable the WPS button on your modem*
- Question: *should that concern us?*
- Answer: *no*
  - It just means the WPS button won't work if WPS is disabled (makes sense)

# A

## Firewall



- Guidance
  - *ensure firewall is on*
- Question: *is this referring to Windows Firewall?*
- Answer: *no, referring to firewall in router*
  - should be on by default ... but verify!
  - **make sure Windows Firewall is on too!**
    - layered protection is good
    - protects your computer from others on same side of the router (i.e. on your network)

# A

## Remote administration

- Guidance
  - *ensure remote admin is disabled*
- Question: *modem/router settings or Windows Security?*
- Answer: *modem/router config*
  - remote administration exposes web interface for your router configuration to Internet
  - invites hackers – **come get me**
    - brute force attacks
    - possible security vulnerabilities
  - should be disabled by default ... but verify!



Share

# OPCUG's Archives

- Past Presentations
  - from our monthly meetings
  - recent presentations (2020-21)
  - presentations from prior years
- Past Q&A Sessions
  - most recent
  - listed by topic
  - presentation decks, audio recordings and contents of the chat windows

Share

# Past Presentations

**OTTAWA PC  
USERS' GROUP**

Welcome to the Ottawa PC Users' Group (OPCUG).  
We are a not-for-profit organization located in Ottawa,  
Ontario. Our motto is Users Helping Users, a task we  
have undertaken for more than 35 years.

**NEXT WEEKLY Q&A SESSION** / Decks & Audio Recordings  
**ALL SCHEDULED MEETINGS** / OPL Presentations  
LATEST NEWSLETTER

<https://opcug.ca>

# UPCOMING EVENTS

Check out our presentations at the Ottawa Public Library.

(there are no regular monthly meetings in July and August)

**PAST PRESENTATIONS**



## WEEKLY Q&A SESSION

Q&A HAS GONE ON-LINE! WEEKLY! Due to COVID restrictions on group ...

**MAY 19 2021**

7:30 PM - 8:30 PM

Video conference

[> Q&A](#)



[VIEW DETAIL](#)



## ORIGINS OF EDTECH

Speaker: Mariana Ludmila Cortés, CEO, One Laptop Per Child  
The term ...

**JUN 09 2021**

7:30 PM - 10:00 PM

Video conference

[> Regular Monthly Meeting](#)

# PAST PRESENTATIONS

— 2021

**MAY 12:** Typography (Chris Taylor, OPCUG President) [PDF](#) / [Audio](#) / [Chat File](#)

**APR 14:** Sharing Photos (Lynda Buske, OPCUG) [PDF](#) / [Audio](#) / [Chat File](#)

**MAR 10:** Keeping Passwords Safe (Chris Taylor, OPCUG President) [PDF](#) / [Audio](#) / [Chat File](#)

**FEB 10:** 2021 AGM [PDF](#) / [Audio](#) / [Chat File](#) (audio and chat files include full guest presentation);  
Microcontrollers and the Internet of Things (Deid Reimer, Victoria Pi Makers) [PDF](#) / [Audio](#) (audio starts at 13:24 minutes, after the AGM) / [Chat File](#) / Deid's presentation as [web page](#)

**JAN 13:** Create Your Own Blog or Website Using WordPress and Elementor (Alan German, Brigitte Lord, OPCUG)

WordPress Blog (Alan): [PDF](#) / Elementor Website (Brigitte): [PDF](#) / [Audio](#) and [Chat File](#) for both presentations

WordPress Blog (Alan): [PDF](#) / Elementor Website (Brigitte): [PDF](#) / [Audio](#) and [Chat File](#) for both presentations

+ 2020

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[Google Groups How-To](#)

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[Executive](#)



## Archived Presentations

The following companies, groups or individuals have made presentations at OPCUG meetings. We appreciate their efforts and support. If you would like to give a presentation at the OPCUG, please see the [speakers' information page](#).

To search this page, press Ctrl + F on your keyboard. There are no meetings in July and August.


DATE	PRESENTER / ORGANIZATION	TOPIC
<b>2019</b>		
Dec 11, 2019	Kyle Christopher	<i>The Ottawa Public Library in the digital age</i>
Nov 13, 2019	Lawrence Patterson, OPCUG	<i>Scam Avoidance and Trust</i>
Oct 9, 2019	Members' Favourites	<i>Chris Taylor – Wacom Tablet Lawrence Patterson – Video editing Bob Walker (with input from Bob Herres) – Bluetooth hearing aids Alan German – Virtualization (Dropbox and VirtualBox) Bob Walker - ecommerce</i>
Sep 11 2019	Chris Taylor, OPCUG President	<i>My experiences upgrading to a solid state drive (SSD)</i>
Jun 12, 2019	Cameron Bell, CEO <a href="#">CANImmunize</a>	18 <sup>th</sup> BBQ / Pizza Night & <a href="#">eWaste event</a> + Vaccination Tracking App by Cameron Bell
May 8, 2019	Alan German and Chris Taylor, OPCUG	<a href="#">Effective backup strategies</a>
Apr10, 2019	Lynda Buske, OPCUG	<i>Basic digital photo editing using free software</i>
Mar 13, 2019	Lawrence Patterson, OPCUG	<i>Multi-Factor Authentication</i>
		<i>Lawrence Patterson (video editing)</i>

Share

# Q&A Sessions

## Q&A

### OUR MOST RECENT Q&A SESSION

Share **Gmail shortcuts** 

- A *ton* of useful shortcut keys

Keystrokes	Action
<b>gi</b>	go to Inbox
<b>ctrl+]</b>	increase indent
<b>#</b>	delete current email
<b>ctrl+k</b>	insert a link

- Press **?**

PDF versions of the PowerPoint presentations, audio recordings of the associated discussions, and copies of the comments in the Chat window, from our weekly Q&A sessions are available as the following files:

**MOST RECENT Q&A SESSION – May 12, 2021**

**20210512\_PowerPoint (2.4 MB PDF)**

**20210512\_Audio (51.1 MB M4A)**

**20210512\_Chat (3 KB TXT)**

For the content of previous Q&A sessions, please consult our [list of topics](#)

<https:opcug.ca/qa>

Share

# Q&A Sessions

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<https://opcug.ca/qa>

Share – Too many posts to a semaphore

Share – Working from home – YOW Canada

Share – Golfing from home – WGT Golf

March 17, 2021

Follow-up: Software backup via FTP/SFTP

Share: Zoom tips – some links to online resources

Share – PinePower 120W Power Supply

Follow-up: KeePass auto-type – a better way

Question: Full-disk encryption – how to do it?

(SED's)

Share: File & folder encryption (Axcrypt)

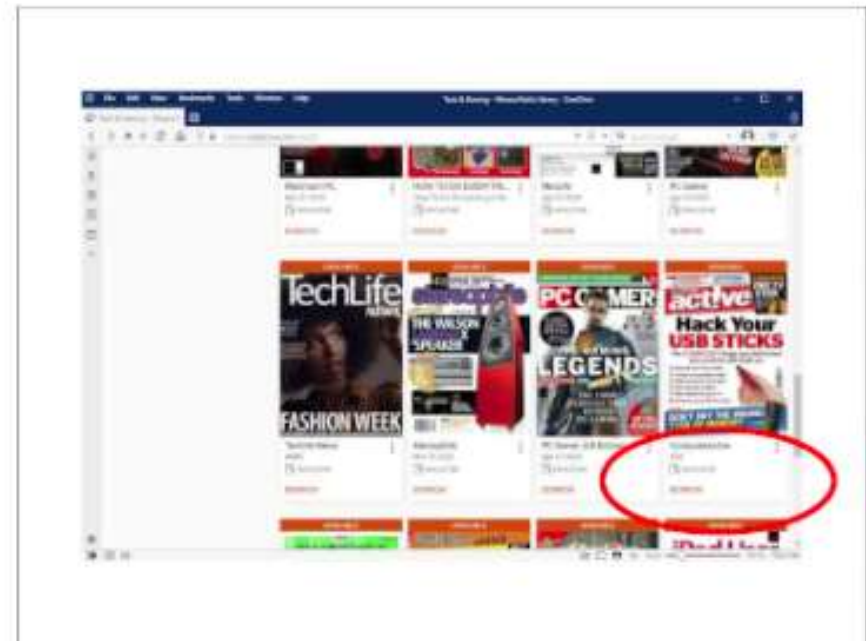
Share: Multi-platform encryption (Veracrypt)

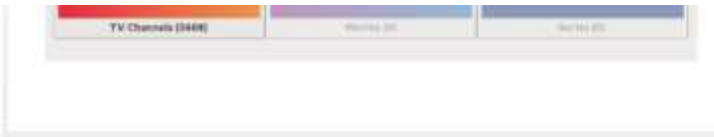
March 10, 2021

Share – Computer eMagazines @ OPL

Share – Safing.io

Share – Software backup via FTP/SFTP





20210331\_PowerPoint (1.9 MB PDF)  
20210331\_Audio (64.9 MB M4A)  
20210331\_Chat (4 KB TXT)

Share **Zoom tips** 

Kevin Stratvert

- Top 20 Zoom Tips & Tricks  
- <https://www.youtube.com/watch?v=UEABW3ddZkc>
- Top 20 video hacks in Zoom  
- <https://www.youtube.com/watch?v=ImSBKHZBSnI>
- Top new features in Zoom  
- <https://www.youtube.com/watch?v=WjwZTRve3Zc>



March 24, 2021

20210324\_PowerPoint (1.5 MB PDF)  
20210324\_Audio (56.0 MB M4A)  
20210324\_Chat (5 KB TXT)  
20210324\_eReaders (1.2 MB PDF)

March 17, 2021

20210317\_PowerPoint (3.0 MB PDF)  
20210317\_Audio (59.4 MB M4A)  
20210317\_Chat (3 KB TXT)

  
T1 General Software for All Canadian Residents

March 10, 2021

20210310\_PowerPoint (2.5 MB PDF)  
20210310\_Audio (49.6 MB M4A)



**Any other:  
Questions  
Comments  
Shares?**

## Reduce the Anxiety of Managing Your Passwords Using **#Passwordphrasing**

Monday, June 7, 2021  
4:00 pm



Lawrence Patterson

Register at <https://bibliottawalibrary.ca/en/program?text=tech+cafe>

09 JUNE  
Video conference  
WEDNESDAY

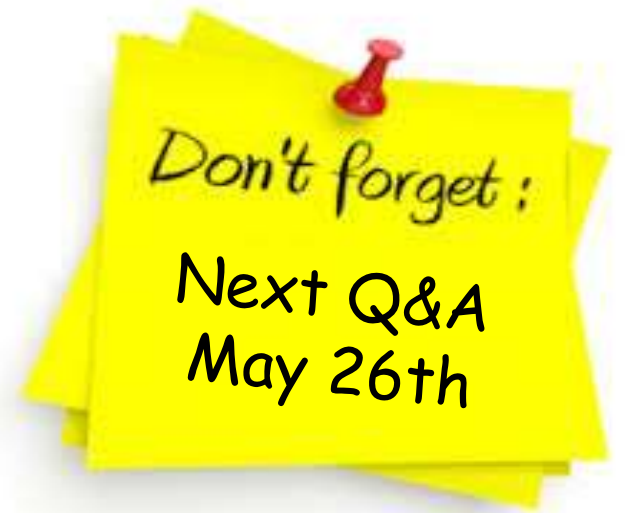


# Origins of EdTech

**Mariana Ludmila Cortés**  
*CEO, One Laptop Per Child*







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

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

