

CBAC

Leadership Circle: Online Security

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Topics

- Software/Apps and OS
- Zoom and video conferencing
- Passwords
- Cloud vs local storage
- Phishing
- E-Transfers for Church
- Church/Home vs Public WiFi
- VPNs
- Smart Phones
- Smart speakers
- Social Media
- Free Resources (tools)



Software/Apps/OS

- Always update Operating systems and software
 - It's not just new features
 - Always includes security updates
- Turn on automatic updates
- Only download from vendor's site or store
- Be aware of 'Anti-Virus' or 'Malware removal' software
 - Some are great, others only make your system worse



Working on updates
30% complete
Don't turn off your computer

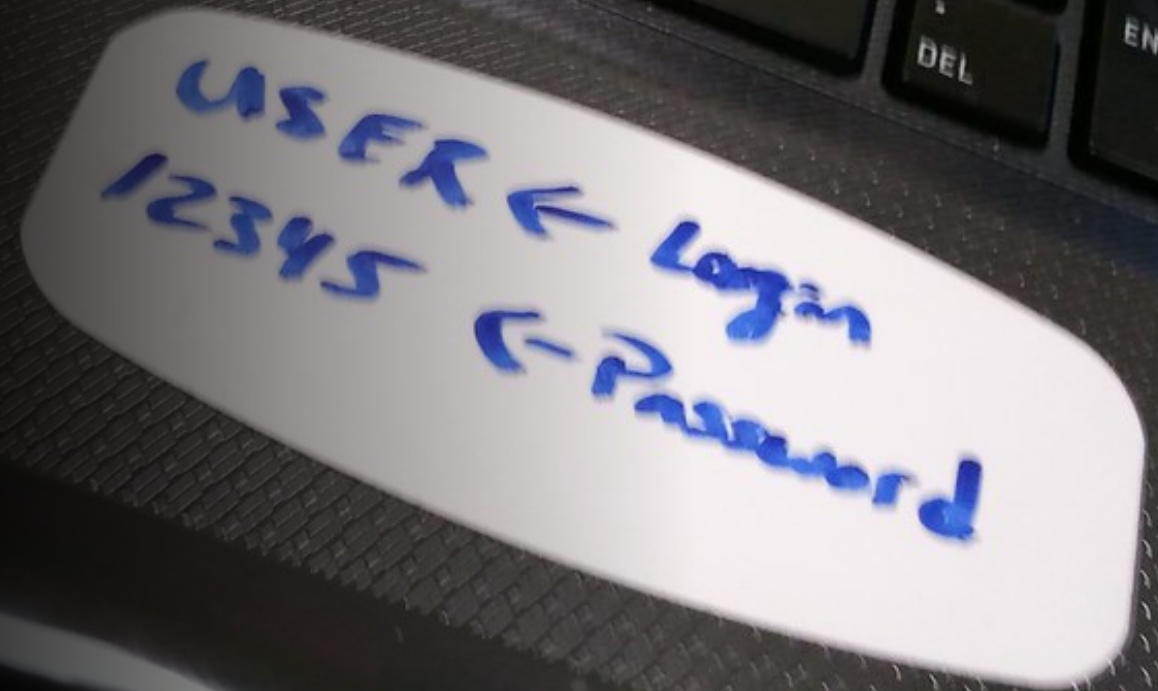
Zoom – Zoom - Zoom

- Don't mean Ads for a certain car manufacturer
- Keep your software up-to-date
- Do not share you personal meeting ID
- Don't advertise Zoom links
- Passwords and waiting rooms
- Watch out for fake Zoom apps
- Get consent to record
- Hosts can monitor your session



Passwords

- Do **NOT** share
- Do **NOT** reuse
- Do **NOT** write it down
- Make it complex
 - Upper and Lower
 - Numbers
 - Symbols
- Make it long
- Make it hard to guess
- Use Two-Factor Authentication
- Use a password manager!



Cloud vs local storage

- Which is better?
 - It depends on what is being stored and who needs access
- Cloud is convenient for sharing
 - But who has access?
 - Review access privileges regularly
- Local safer? (USB and HDD)
 - Easily lost or stolen
 - Should be encrypted
- Backup/Backup/Backup



Phishing and scams

- Phishing, Spear phishing, Whaling
- Social engineering
- Phone, text message or email
- Looking for money (Bitcoin) or PII (personally identifiable information)
- Always have a sense of urgency
- Funny looking URLs or E-mail addresses
 - faceb00k.com
 - Dan.Pyke.CBAC@gmail.com
- Suspicious attachments
- Ovbious Spealling missteaks
- Poor Grammar



Phishing and scams

- Asking for private info
 - Usernames/passwords
 - Install software
 - Social Insurance Number
 - Bank accounts/Credit Cards
- Ransomware
 - Never pay
 - Restore from backups
- Uncertain if it is a phish
 - Reach out to person via alternative method
- Caught?
 - Change your password(s)
 - Monitor account activity



E-Transfers

Traditional method

- Emails are NOT secure
- Password for transactions should not be public
- Share password via secondary communication method

Safest method

- Setup auto-deposit



Church/Home vs Public WiFi

- Church/Home WiFi
 - Can be very safe
 - Change the defaults
 - SSID (network name)
 - WPA2 Encryption
 - Router passwords
 - Use Guest network
 - IoT (Internet of Things)
 - Church members
- Public WiFi
 - Unsafe for many reasons



VPNs

- Virtual Private Network
- Encrypts your Network Connection
- Usually available through company
- Free and paid ones available
 - Read reviews



Smart Phones

- Always lock your phone
 - Password/PIN
 - Fingerprint
- Disable Siri (Google Assistant) from lock screen
- Use official app store only
 - Do not jailbreak
- Update OS and apps
- Be careful of public charging stations



Smart Speakers

- Convenient tools
- Always listening
- Privacy out the window
 - Power off
 - Put different room
- Connect to Guest Network



Social Media

- Fake News
 - Contests
 - Personality Traits
 - Quizzes
- Apps and games
 - Permission to collect information
- Be careful what you share
- Review privacy and security settings regularly
- Unlike if not necessary
- Remove apps games when done

I don't normally do this but here goes:

- First job - STOP
- Current job - SENDING
- Dream Job - YOUR
- Favorite food- POTENTIAL
- Favorite dog - PASSWORDS
- Favorite footwear - OR
- Favorite Chocolate bar - MEMORABLE
- Favorite Ice Cream- DATA
- Your Vehicle color – TO
- Favorite Holiday - PEOPLE
- Night owl or earlybird – WHO
- Favorite day of the week - COLLECT
- Tattoos - THIS
- Favourite colour - INFORMATION
- Do you like vegetables - FOR
- Do you wear glasses - SOCIAL
- Favourite season - ENGINEERING

Free Resources



Canadian Shield

- Layer of protection for home
- Helps prevent Malicious domains from being accessed
- 3 different levels (Private, Protected and Family)
- <https://www.cira.ca/cybersecurity-services/canadian-shield>



Beauceron Security

- Fredericton security startup
- Cybersecurity Training
- Free Resources and tips
 - <https://www.beauceronsecurity.com>
 - <https://www.linkedin.com/company/beauceron-security/>
 - Plus other social media platforms



BEAUCERON

Helpful software

Password Managers

- LastPass
- 1Password
- KeePass

VPN

- NordVPN
- TunnelBear VPN
- ProtonVPN



Questions?
Comments!
Good dad jokes?

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