

Cyber, Protection and You!

WiCyS Webinar
Cybersecurity Awareness Month
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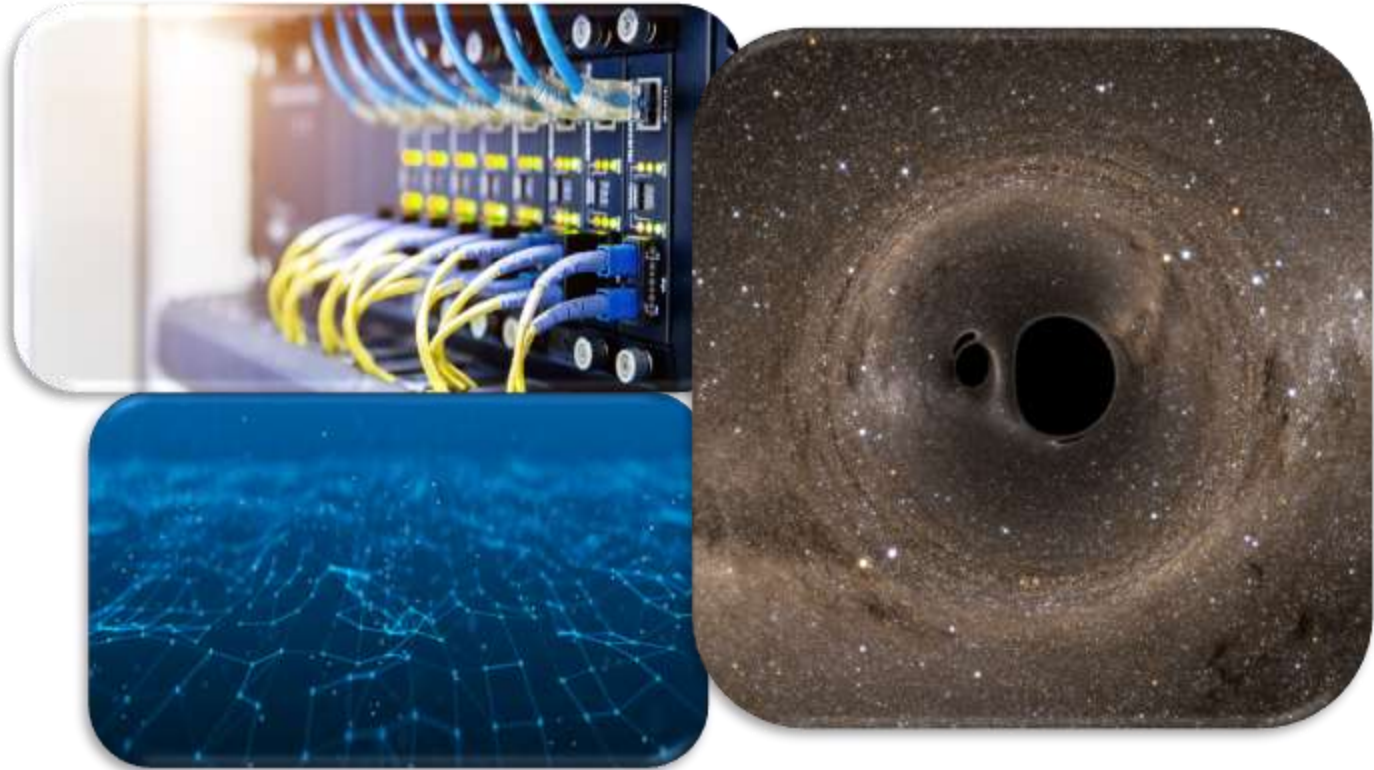
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Welcme!

OVERVIEW

- What is Cyber?
- Cyber Protection Tips
- More on Cyber
- Cyber and You
- Q&A

CYBER



Cyber “this” and Cyber “that”!



What is the meaning of Cyber?

Webster's definition of Cyber
"of or relating to, or involving computers or computer networks (such as the Internet)"



The Meaning of Cyber, part 2

Webster's definition of Cybernetics

“the science of communication and control theory concerned especially with the comparative study of automatic control systems (such as the nervous system and brain and mechanical-electrical communication systems).”



PROTECTION

Cyber (Internet) Protection!

- Passwords
- Keeping your PII safe
- Social Engineering
- Phishing (Cat/Spear)
- System upgrades
- Locking your PC
- Using Multi-factor authentication



Cyber (Internet) Protections to Consider

- Vishing and Smishing
- Online Shopping (E-Commerce)
- Home Wi-fi Network
- Cash Sharing Apps
- Social Media



Vishing (Voice Phishing)



Vishing is voice + phishing

- Attackers attempt to get sensitive information over the phone.
- Attackers use Social Engineering to trick people into installing malware on devices.

Smishing (SMS phishing)

Smishing – SMS (text) + phishing

- Attackers send text messages disguised as trustworthy communications
- Some people are more vulnerable since text messages come across more personal.



On-line Shopping



Cash Sharing Apps (Digital Wallets)

BBB warns consumers of hackers posing as apps like PayPal and Venmo to steal your money

ATLANTA

Hackers targeting cash sharing apps Zelle, CashApp and Venmo. Here's what you can do to stay safe

Hackers Are Breaking Into and Emptying Cash App Accounts

Home Wi-fi Network

- Change your home router's preset passwords
 - Wi-fi network password
 - Router's administrator password
- Keep your router up-to-date
- Turn off remote management features, such as WPS, UPnP
- Set up a guest network
- Log out as administrator



Social Media



- Limit the amount of personal information shared
- Be mindful of the information you post
- Manage your friends and the information you share
- Take action if you feel threatened, or bullied
- Be selective when donating to charities or go-fund me pages
- Wait and post those beautiful pics from your vacation after you return home.
- No need to accept all friend requests, some may be bad actors.

Social Media

The National Cybersecurity Alliance suggests that you check your privacy and security settings on social media apps. They have provided a link that contains most social media sites along with location of the privacy and security settings pages.

- [Manage Your Privacy Settings - National Cybersecurity Alliance \(staysafeonline.org\)](https://staysafeonline.org/your-privacy)



YOU

Your Responsibility

- Educate those around you on Internet safety
- Think before you click
- Open separate bank accounts when using cash sharing apps
- Read text messages before clicking the links
- Use low-balance credit cards when shopping online
- Change online passwords often
- Change home network passwords often
- Use MFA
- Educate yourself on Cyber safety through videos, podcasts and other reputable sources

Closing Thoughts

I heard someone say once to stay safe on the Internet, never go on the Internet....
But since that is impossible since we work, shop, attend school and bank online.

Helpful Resources

- [14 Tips for Safe Online Shopping | PCMag](#)
- [How To Secure Your Home Wi-Fi Network | Consumer Advice \(ftc.gov\)](#)
- [Securing Your Internet-Connected Devices at Home | Consumer Advice \(ftc.gov\)](#)
- <https://youtu.be/sxvZKnTHHnA> - SEI Podcast on Internet-connected devices
- [Home Network Security | CISA](#)
- [Social Media - National Cybersecurity Alliance \(staysafeonline.org\)](#)

Questions?



Thank you!