Securely working from home

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The Usual Security Advice Continues in the New Normal

Password vaults –

- Use one for work and a separate one for home.
- We use and trust LastPass.
- Enterprise edition for business that can recover a vault.

Two Factor Authentication. –

- Use this everywhere you can.
- Helps keep you safe when your username and password are compromised.

Educate yourself and your users –

- Phishing is a real threat.
- End users act as human firewall.
- Products like KnowBe4 are great for testing your users and educating them how to thwart attacks.

Keeping the Bad Guys Out of Work and Home

Three types of hackers

- Rookies that have extra time on their hands (script kiddyies)
- Professional hackers (people whose income is primarily from hacking)
- Government organizations (very professional, well trained and organized, well-funded)

COVID-19 contact tracing apps

Security concerns

How accurate are they at detecting communication of the virus (Masks, walls…)

Keeping the Bad Guys Out of Work and Home

Don't BYOD

- Separate device used ONLY for work purposes. Ideally supplied by company.
- Have policies around appropriate use (employee use only, locking screens

Access your network through a secure channel

- Use a VPN (Virtual Private Network) to insure the flow of information traveling to and from your network is secure.
- Remote Desktop Gateway (RDG). More complex than VPN, but may be a superior long-term solution.

Use up-to-date software

- Run most current versions of software.
- Updates regularly installed.