

can help protect you from becoming a victim of ransomware:

- Don't open any emails from someone you don't know or that you aren't expecting to receive.
- Don't click on links in messages.
- Avoid opening attachments in messages. Download the attachments and scan them for malware before opening.
- If it sounds too good to be true, it probably is. Don't give away any personal information that could allow an attacker to compromise your devices or steal your identity.
- Install anti-virus/anti-malware software on your device and keep it up to date.
- Apply patches to all applications and the operating system as they become available.
- Don't browse suspicious sites. Cybercriminals count on users mistyping the name of a legitimate site. These sites are made to look like the legitimate site but are used to deliver malware to the device.
- Don't respond to pop-up windows instructing you to call a number for support. Attackers use this method to steal your personal and credit card information. Once you allow them to remotely access your device, they will install additional malware on your device instead of removing it.

What to Do if You Get Infected with Ransomware

- Don't respond to a ransom note on the screen. Paying the ransom does not guarantee that you will gain access to your data and/or your system. The attackers will normally request payment in a form of cryptocurrency, like Bitcoin, that can't be traced. Once the ransom is paid, your money is gone.
- Seek professional assistance. Contact your employer's IT security department and/or law enforcement to allow them to trace the source of the infection.
- Using a separate non-infected device, change passwords on all accounts that were accessed from that device.
- If you provided the attacker with personal and/or credit card information, put a fraud alert on your account at the three major credit reporting bureaus (Experian, TransUnion, and Equifax). This should prevent the cybercriminal from using your information to open new accounts in your name. If credit card information was provided, contact your credit card company to report it to their fraud department. They will normally issue you a new credit card number and shut down the old account to prevent it from being used fraudulently.

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The information provided in the MS-ISAC Monthly Security Tips Newsletter is intended to increase the security awareness of an organization's end users and to help them behave in a more secure manner within their work environment. While some of the tips may relate to maintaining a home computer, the increased awareness is intended to help improve the organization's overall cyber security posture. This is especially critical if employees access their work network from their home computer. Organizations have permission and are encouraged to brand and redistribute this newsletter in whole for educational, non-commercial purposes.

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