

What is Cyber Security?

- Cybersecurity is the body of technologies, processes and practices designed to protect networks, computers, programs and data from attack, damage or unauthorized access.

Federal, State, and Local Partnerships



HSIN
HOMELAND SECURITY
INFORMATION NETWORK
The Trusted DHS Information Sharing Environment



InfraGard
Partnership for Protection



MULTI-STATE
Information Sharing
& Analysis Center™



US-CERT



ICS-CERT

STOP | THINK | CONNECT



NASCIO
National Association of State
Chiefs of Information Officers



GLOBAL
CYBER
ALLIANCE



NFCA

NGA



National Council ISAC

CITY OF SUGAR LAND

85th Legislative Session

House Bill 8 (Texas Cybersecurity Act)



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- Information such as passwords, personal identification numbers, access codes, encryption, or other city's security systems are confidential.
- Authorizes city council to conduct a closed meeting to deliberate security assessments, network security information, and specific occasions for implementation of critical infrastructure or security devices.
- Makes Confidential information that arises from efforts to prevent, detect, investigate, or mitigate a computer security incident.

[H.B. No. 8](#) [S.B. No. 532](#) [H.B 1861](#)

CITY OF SUGAR LAND

An aerial photograph of a city, likely Sugar Land, Texas, serves as the background. A large, semi-transparent blue rectangle with rounded corners is centered on the image, containing white and yellow text. The text lists five ways to be cyber secure. At the bottom right of the image, the words 'CITY OF SUGAR LAND' are displayed in a stylized, metallic font.

Five Ways to be Cyber Secure at Work or Home

- When in doubt, throw it out
- Back it up
- Guard your devices
- Secure your accounts
- Report anything suspicious

When in doubt, throw it out

- If it looks suspicious (emails, tweets, IMs), even if you know the source, it's best to delete or, if appropriate, mark as junk.

Back it up

- Make electronic and physical back-ups or copies of all your important work.
- Data can be lost in many ways including computer malfunctions, malware, theft, viruses, and accidental deletion.

An aerial photograph of a city, likely Sugar Land, Texas, serves as the background. The image shows a mix of residential neighborhoods with green trees and some commercial or industrial buildings in the distance. A large, semi-transparent blue rectangle is overlaid on the center of the image, containing white text. In the bottom right corner, the words 'CITY OF SUGAR LAND' are written in a stylized, metallic font.

Guard your devices

- In order to prevent theft and unauthorized access, never leave your laptop or mobile device unattended in a public place.
- Lock your devices when they are not in use to prevent data theft.

Secure your accounts

- Use passwords that are at least eight characters long and a mix of letters, numbers, and characters.
- Do not share any of your usernames or passwords with anyone.

Report anything suspicious

- If you experience any unusual or suspicious problems with your computer or device(s), report the issue to IT.
- Notate what occurred and time, including any device info (i.e. computer, phone, etc.).

Ransomware #2

of-service extortion, but typically is opportunistic in nature and affects organizations and consumers alike.

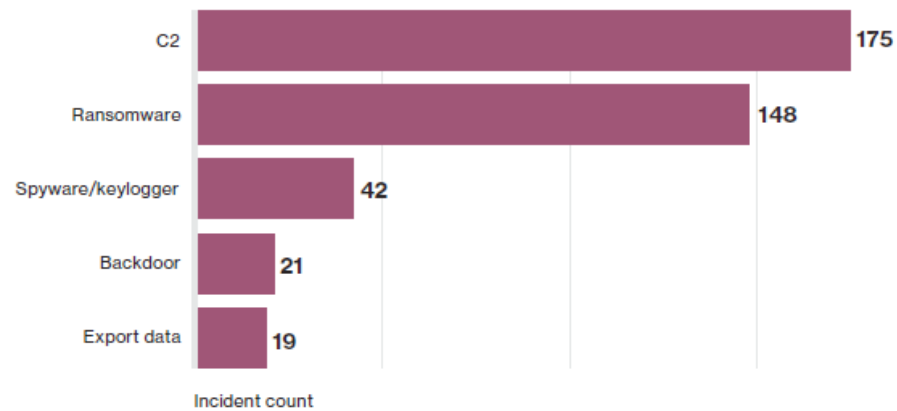


Figure 33.

Top five malware varieties within Crimeware, (n=382)

Security Posture



Future Initiatives

- Continue awareness internal communications to the city
- Continue to build upon existing Federal/State/Local relationships
- Continue readiness assessments:
 - Internal Controls
 - Phishing Exercises

Questions