RANSOMWARE AND CYBERSECURITY

What is Ransomware?

- Type of malware
- Encrypts/locks files
- Holds files for ransom
- Can affect
  - Computers
  - Removable media
  - Other devices on a network

How do I get ransomware?

- Spam and phishing emails
- On the web (malicious ads and P2P)
- Unpatched security vulnerabilities

Preventing ransomware infections
- Avoid suspicious file attachments and links in emails
- Say no to executables, scripts and macros
- Browse carefully
- Keep software up-to-date
- Install security updates and patches

What FSD3 Does to Protect Data

- Daily backups of data
- Push out regular security updates and patches to all computers as well as other network devices such as servers.
- Use Cisco AMP to prevent and detect malware.
- Use Cisco Umbrella to filter web content.
- Use Microsoft Defender to prevent malware on end devices.

Also Planned:
- Register with the Center for Internet Security's Multi-state Information Sharing & Analysis Center.
- CIS is an independent, nonprofit organization with a mission to create confidence in the connected world.
- The free membership includes access to incident response services, cybersecurity advisories and notifications, Malicious Code Analysis Platform (MCAP), Vulnerability Management Program and more.