Cyber Security

Class no 16

14 Nov 2024

Content:

* Weak Encryption
* Unsecure protocols
* Default settings
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* Open ports and services
* Third Party Risks
  + Vendor management
  + Supply chain
  + Outsourced code development
  + Data storage
* Understand the vulnerability
  + Data loss
  + Data breaches (USB port need to close)
  + Identity theft
  + Financial loss
  + Damage to reputation
  + Availability loss
* Common security issue(Weak Configure or MIsconfiguration
  + Unencrypted
  + Logs and event anomalies
  + Permission issues
  + Access violations
  + Certificate issues
  + Data exfiltration
  + Misconfigured Devices
    - Firewall
    - Content filter
    - Access points
  + Weak security configurations
* Personnel Issues
  + Policy violation
  + Insider threat
  + Social engineering
  + Social media
  + Personal e-mail
* Application Issues
  + Unauthorized software
  + Baseline deviation
  + License compliance violation
  + Asset management
  + Authentication issues