- Filename: eccouncil-ceh31250-v11-18-2-1-iot-threats-and-vulnerabilites.md
- Show Name: CEHv11 (312-50)
- Topic Name: Mobile Platform, IoT, and OT Hacking IoT and OT Hacking
- Episode Name: IoT Threats and Vulnerabilities

IoT Threats and Vulnerabilities

Objectives:

- OWASP Top 10 IoT Threats (2018)
 - https://owasp.org/www-project-internet-of-things/
- IoT Attack Surfaces
 - Ecosystem
 - o Admin Portals and Web Interfaces
 - o Physical Interfaces
 - Firmware
 - Network Traffic/Communication
 - Vendor and/or 3rd-Party APIs
 - Local Storage
 - Mobile App
- · IoT Vulnerabilities
 - o Many Oldies-but-goodies
 - Weak/No Encryption
 - Weak/No Passwords
 - No MFA/2FA
 - No lockout policy/capability
 - DoS
 - Theft
 - Lack of updates/patches/support
 - Physical console access
 - Insecure 3rd-Party components
 - JTAG(Joint Test Action Group) and side-channel