

Start

7:00

- Went over briefing slides
 - Jake and Justin work on scripting
 - Use script to set up IoT
 - Potentially use a script to set up a firewall
 - Use iptables
 - Create script to exploit vulnerabilities
 - Use DDoS attacks
 - Megan and Jacob work on the website
 - Website controls IoT devices
 - Make the website vulnerable
 - Found a website that gives code examples of vulnerabilities
 - Vulnerability ideas
 - Broken authentication
 - Local file inclusion
 - Broken authorization
 - Need to pick a virtual IoT device
 - Not a camera
 - Potentially a smart lock?
 - Stops people from entering (most don't have physical keys)
 - Have hackers reset smart lock
 - Raises awareness of overdependence of tech as well as cybersecurity
- Discussed VirtualBox vs ISEAGE
 - Virtualbox is probably best bet
 - Potentially link VirtualBox to ISEAGE?
 - Use scripts to automate installing vulnerable VMs in both environments