

# March 22, 2021

## IoT



- IoT
- Paper Presentations
  - April 5<sup>th</sup> – Mathews
  - April 12<sup>th</sup> – Ryan
  - April 19<sup>th</sup> - Ross
- Assignments
  - Project
    - Outline: Due Monday, Mar 29
  - Lab 2
    - Due Monday, Apr 5

# Question 1

**Define IoT**

## Question 2

Challenges Unique  
to IoT

## Question 3

IoT Exploits

# Related Systems

- SCADA
- ICS
- How do they differ from IoT?

# IoT and the Network

- IoT Specific
  - Zigbee
  - Zwave
- Non-IoT Specific
  - Bluetooth
  - WiFi
  - LTE

# Connectivity Models

# Some (of many) exploits

- Marai Botnet
- Jeep
- St Jude Imbedded Devices
- TrendNet WebCams



# OAuth

