Ubiquiti Home Network Project Brochure

Project Home https://github.com/mjp66/Ubiquiti or https://github.com/mjp66/Ubiquiti?files=1

Equipment Used:
- Ubiquiti EdgeRouter ER-X   About $60   US
- Ubiquiti AP-AC-LR Wi-Fi Access Point   About $100 US

This equipment can provide (at-least) 3 isolated or semi-isolated wired networks, and up to 4 isolated or semi-isolated Wi-Fi SSIDs. The networks provided by this equipment / project are as follows:
- Wired / Wi-Fi Home Network   For most of the household PCs, Tablets, and Smartphones.
- Wired Separate Network   For an isolated and/or separate network and/or personal computer(s)
- Wired / Wi-Fi IOT Network   For Internet-Of-Things devices (can be accessed via Home Network)
- Wi-Fi Guest Network   For visiting friend's tablets and smartphones
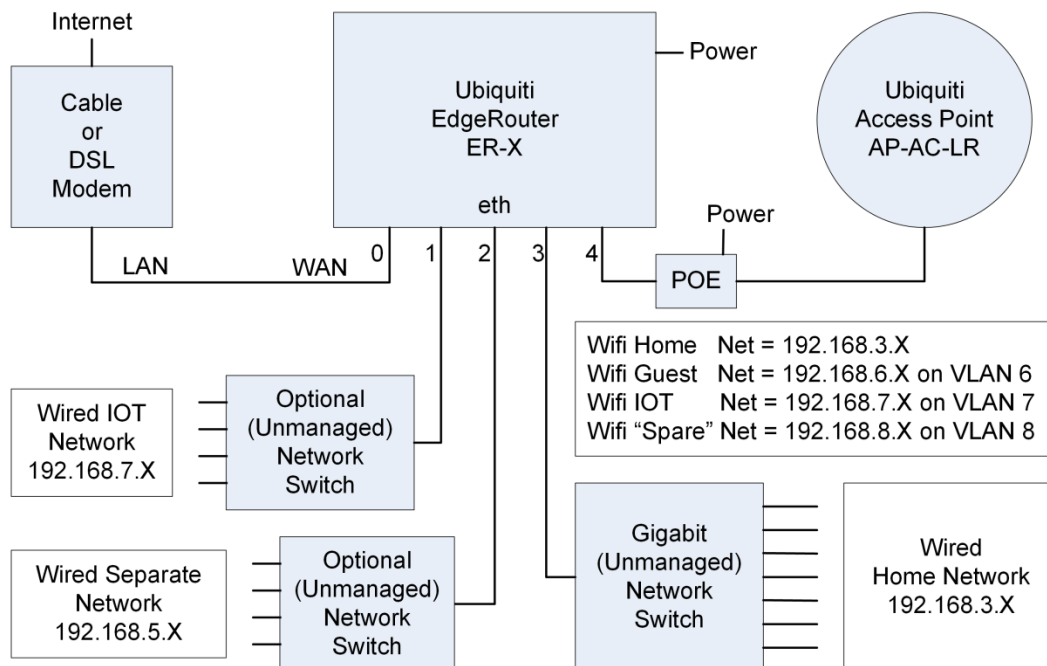
With this setup, the Home Network (both Wired and Wi-Fi) is able to initiate connections / communicate with devices on the Wired / Wi-Fi IOT Network. Devices on the IOT Networks are NOT able to initiate connections / independently communicate to the Home Network. None of these Networks can communicate with the Wired Separate Network, and the Wired Separate Network cannot communicate with any of them. Enjoy.