

Ubiquiti Home Network Project Brochure

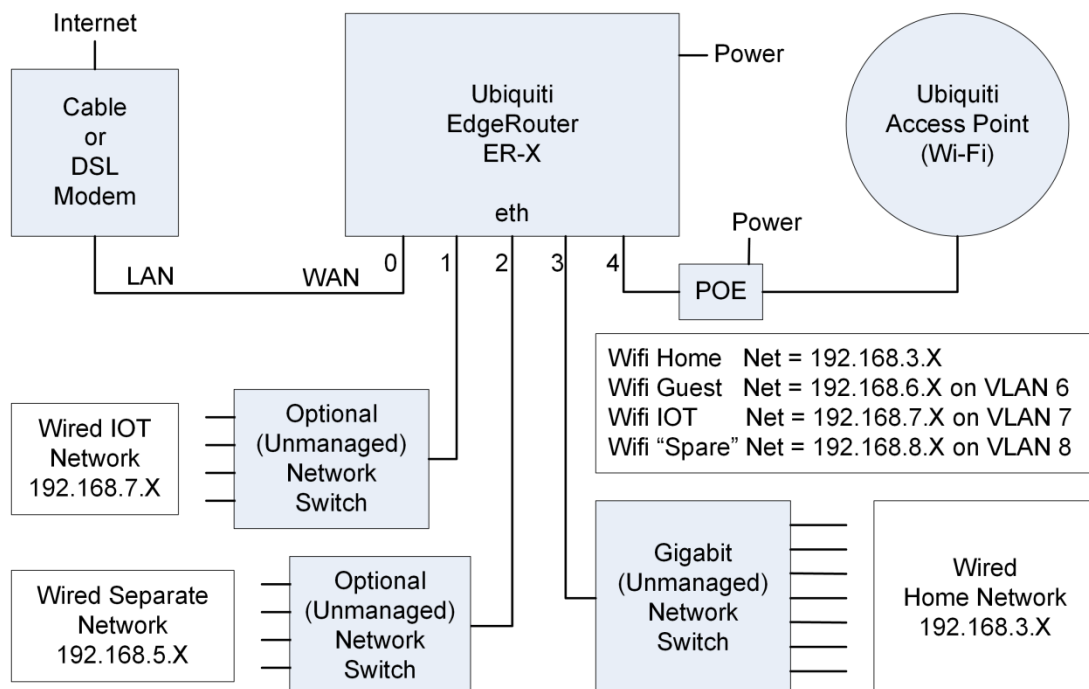
Project Home <https://github.com/mjp66/Ubiquiti> or <https://github.com/mjp66/Ubiquiti?files=1>

Equipment Used:

- Ubiquiti EdgeRouter ER-X About \$60 USD
- Ubiquiti Wi-Fi Access Point Typically \$110 USD or \$175 USD (depends upon model chosen)

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.