

Ubiquiti Home Network

See <https://github.com/mjp66/Ubiquiti>

Equipment Used:

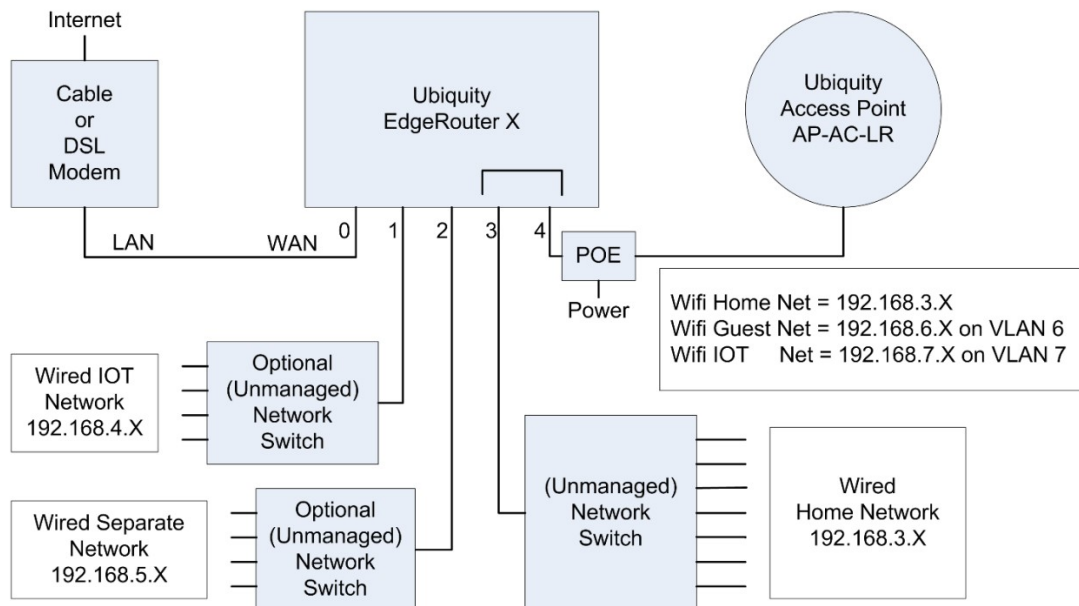
- Ubiquiti EdgeRouter X About \$50
- Ubiquiti AP-AC-LR Wifi Access Point About \$100

This equipment can provide 3 isolated or semi-isolated wired networks, and up to 4 isolated or semi-isolated Wifi SSIDs.

The networks provided by this equipment are as follows:

- Wired Home Network For most of the household personal computers.
- Wired Separate Network For isolated and/or separate personal computer(s).
- Wired IOT Network For wired Internet-Of-Things devices.
- Wifi Home Network For household personal computers, tablets and smartphones.
- Wifi Guest Network For visiting friend's tablets and smartphones.
- Wifi IOT Network For wifi Internet-Of-Things devices.

The Wired Home Network and Wifi Home Network are actually the same Network.



With this setup, the Home Network (both Wired and Wifi) is able to initiate connections / communicate with devices on both the Wired IOT Network and the Wifi IOT Network. Devices on the IOT Networks are NOT able to initiate connections / independently communicate to the Home Network. No other Networks can communicate with the Wired Separate Network.