

Home Network and Opnsense

NWFLUG Meeting

Tom Browder [tom.browder@gmail.com]

Northwest Florida Linux User Group [nwflug.org]

2018-06-04

Status of my home computer network project to:

- upgrade to a new Win 10 computer
- modify my home network per Kevin's and Chris's suggestions

WAN => CenturyLink modem (10 Mbps)

- wireless off, dhcp on
- IP 192.168.0.1

<== future opnsense virtual firewall (HYPER-V)

TP-Link 8-port managed switch

- IP 192.168.0.2

6 ports enabled

- CenturyLink modem/router
- printer
- Win10 new computer (will host opnsense firewall VM later)
- Win10 old computer
- TP-Link AC1750 wireless router (as access point) IP 192.168.0.3
- Panasonic BL-PA300A power line NIC (30 Mbps)

- One network extender
- One Linux laptop
- Multiple Apple devices (iPhone, iPad, Appl TV)
- Smart DVD (for streaming video)

- The network works
- I can access the three static devices through the Win10 computers

- Other than turning off the firewall in the CenturyLink router, are there any other of its settings I should change?
- Can the appliance be used as the router in place of the CenturyLink router?
- If so, should it be used as the router?
- If so, anything special to do other than turn off dhcp in the CenturyLink router?