



**Routers** assign Camp-public IP addresses from the **10.nodeid.0.0/16** subnet to devices on LAN (Local Area Network) without NAT (Network Address Translation) and route traffic to other mesh nodes on the WAN (Wide Area Network)

**Wireless Access Points** and **Wired Network Switches** connect client devices such as laptops and phones onto the LAN

Router SSH access with **me@10.nodeid.0.1** and password **orion** where the nodeid corresponds to the physical location (e.g. 8 Mesh Hall)

### Useful commands:

Display interface traffic: **bmon**

Show network neighbors: **ip neigh**

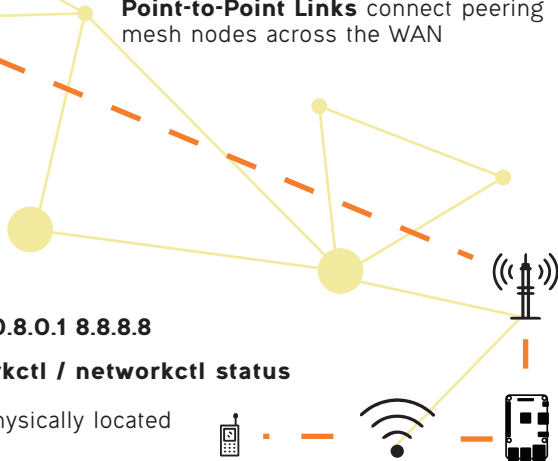
Trace path to Internet: **traceroute 8.8.8.8**

Ping connected devices: **noping 10.2.0.1 10.8.0.1 8.8.8.8**

List networks: **ip addr / ip route / networkctl / networkctl status**

Directory of local services **<http://10.8.8.8>** physically located at the **Mesh Hall** deployment area

**Point-to-Point Links** connect peering mesh nodes across the WAN



# Becoming a Network Steward @ DWeb Camp 2019



As a Network Steward your responsibility is to help other campers learn about and tinker with the local network and Internet connectivity arrangement, and to help address general device connectivity issues as they come up around you. Here are the simple steps to become a Network Steward at DWeb Camp:

- 1 Find a Network Steward and ask for a **short 15 minute tour** to physically locate the wireless mesh network nodes and where local services are provided, so you can point these out to other campers and lead such a 15 minute walk to onboard new Network Stewards
- 2 Join the **#dweb-camp-2019-mesh** Matrix chat room to coordinate with other Network Stewards during Camp as needed
- 3 Wear the **Network Steward button** to indicate you are here to help if people are struggling with network issues or would like to learn more