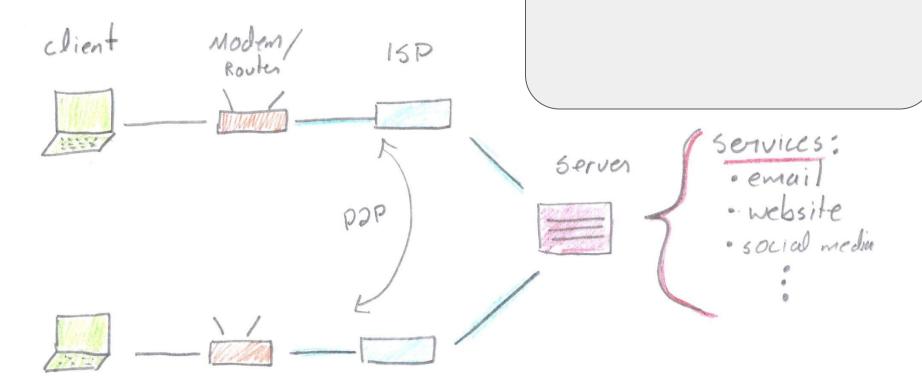
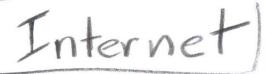
## Internet

Before we discuss AREDN, let's look at two things we're familiar with so we can use them as analogies: the Internet and Winlink.

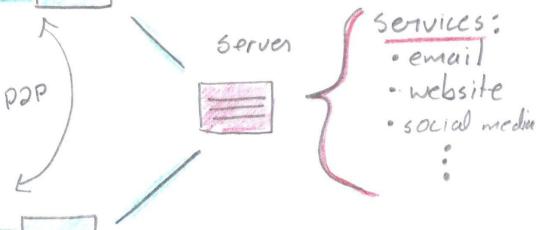


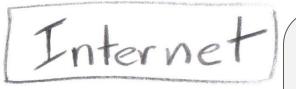


The Internet has basically 4 parts:

- The client, which "consumes" information.
- The modem / router which serves as an interface.
- The Internet Service Provider (ISP), which "transports" the information
- The server, which provides services like email, websites, etc.

client Modern/
Router 15P





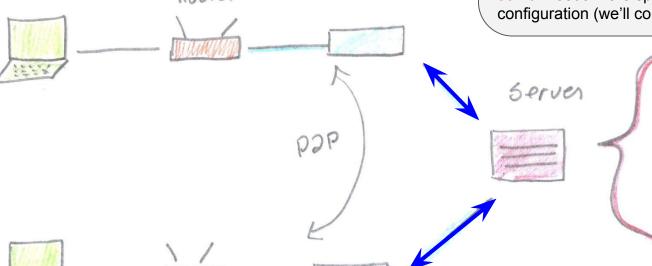
So to send an email, the sender (a client) contacts the email server and sends it information. Then, the recipient (also a client) does the same thing to retrieve it.

The client does **not** need fancy software to do this: a web browser or email client is enough. But the server needs more specialized software and configuration (we'll come back to this with AREDN).

services:

· website

· social media

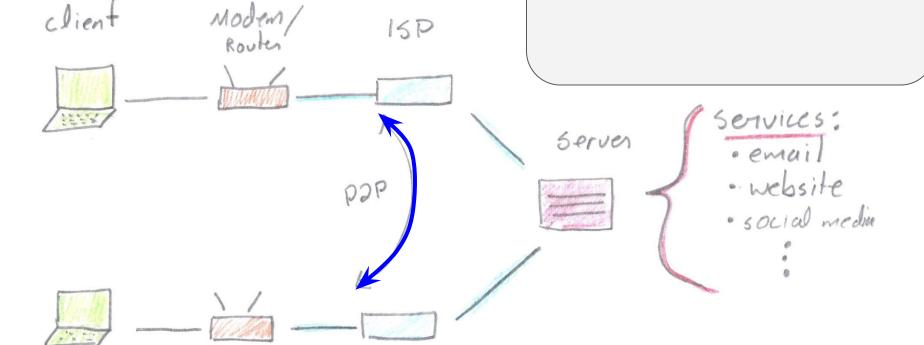


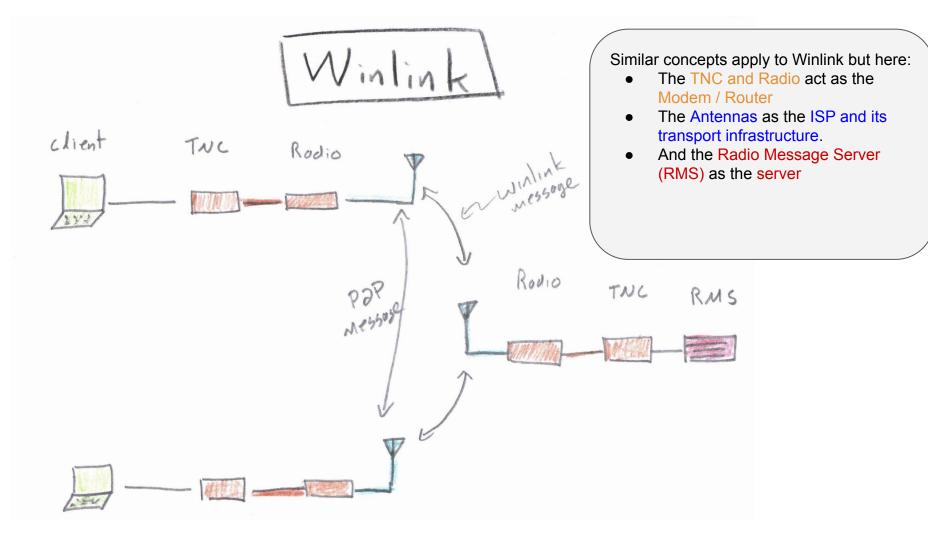
client

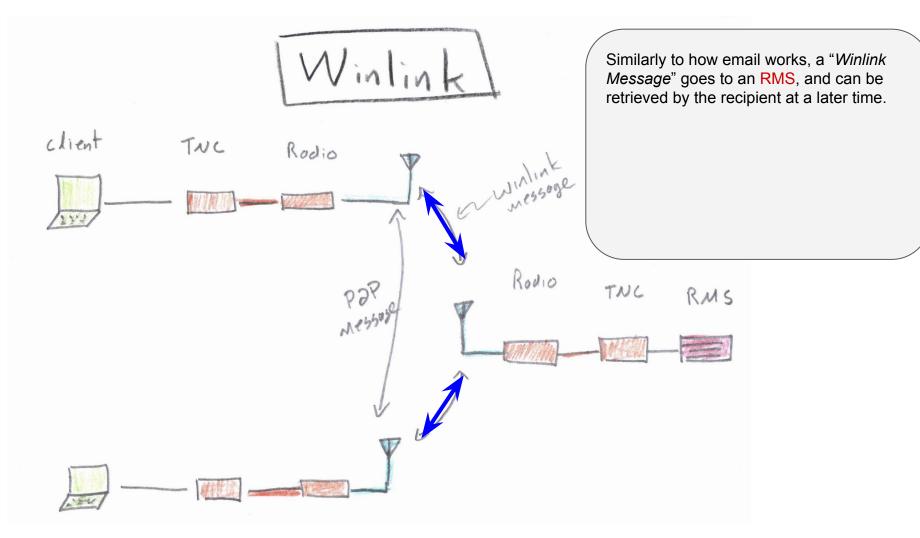
## Internet

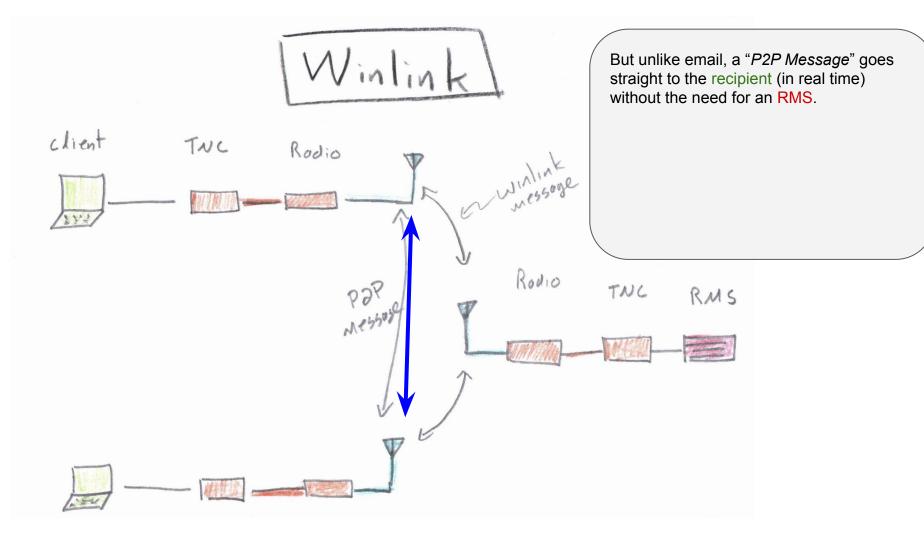
It's also possible for clients to exchange information directly without a centralized server. Remember <a href="Napster">Napster</a>?

This is called Peer-to-Peer (P2P).

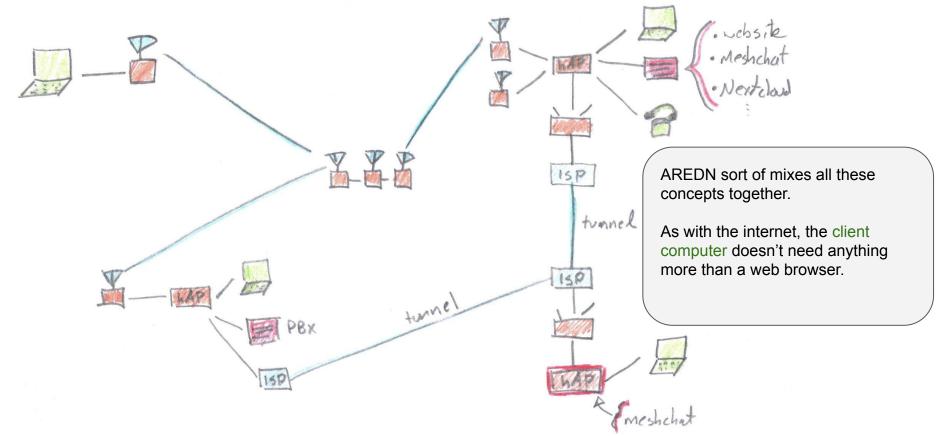


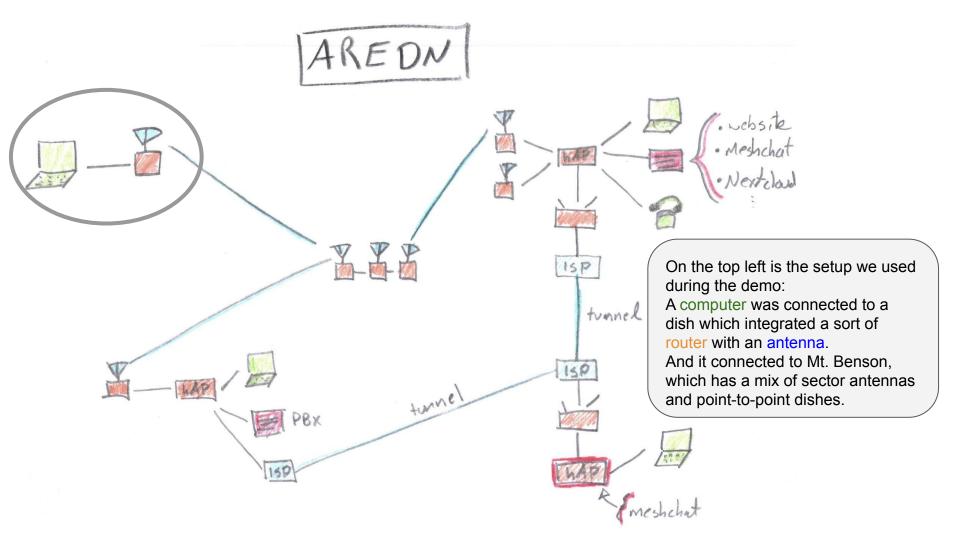


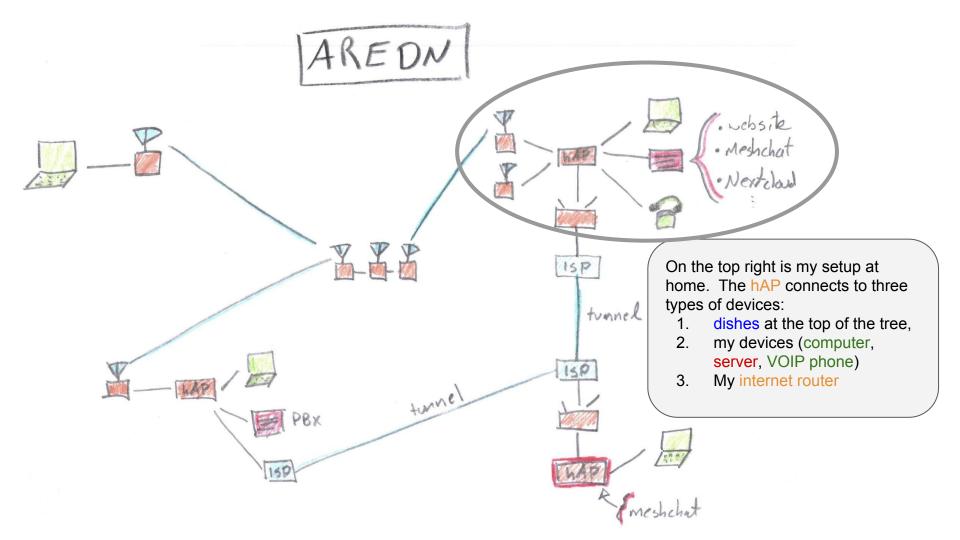


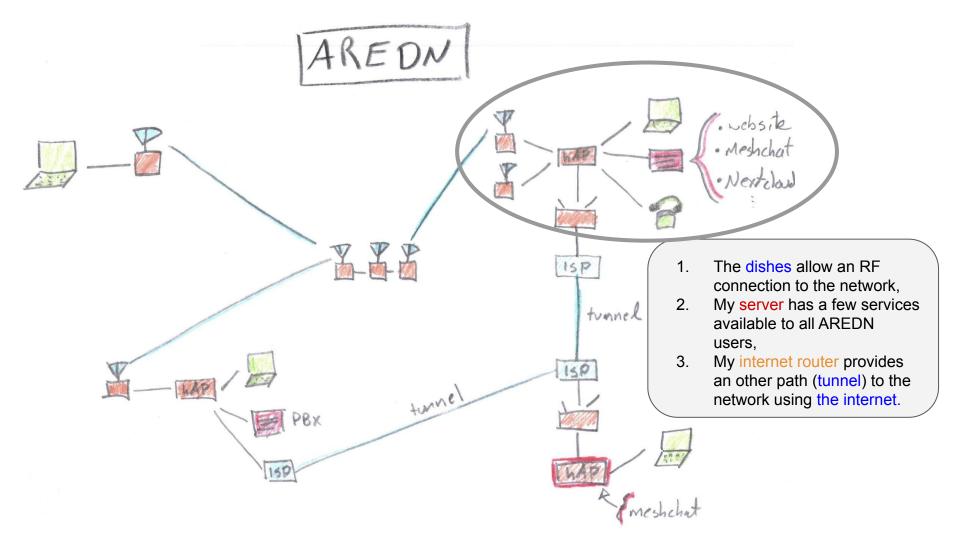




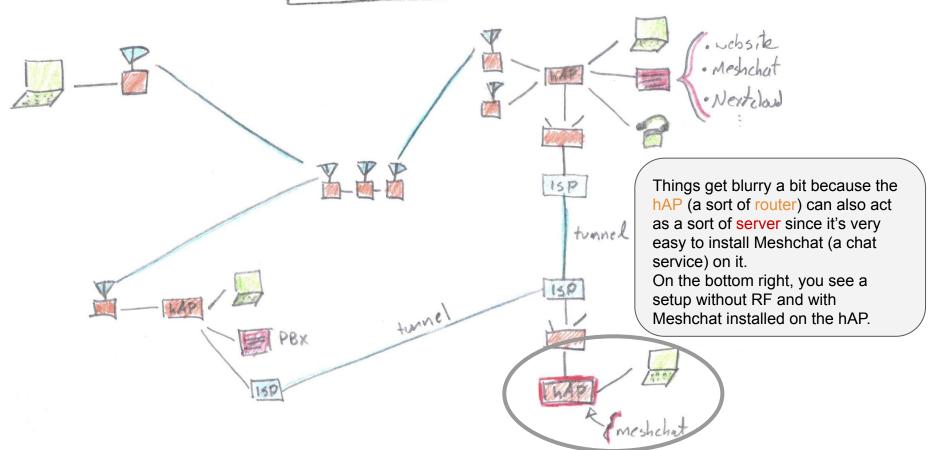




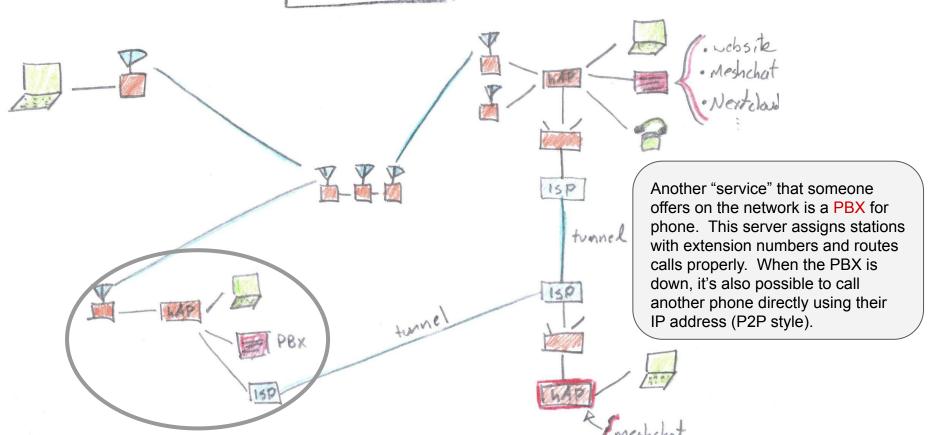












## AREDN

## For more information:

- Start here: <a href="https://wcaredn.ca/">https://wcaredn.ca/</a> (this page is maintained by our west coast group) and navigate the tabs at the top from left to right: Intro Getting Started Next Steps Services Setups About
- About MeshChat: <a href="https://wcaredn.ca/services/meshchat/">https://wcaredn.ca/services/meshchat/</a>
- About VOIP Phone: <a href="https://wcaredn.ca/services/voip/">https://wcaredn.ca/services/voip/</a>
- About using Winlink over AREDN: <a href="https://wcaredn.ca/services/winlink/">https://wcaredn.ca/services/winlink/</a>
- Who is connected to who:
  - Live Map: <a href="https://worldmap.arednmesh.org/#9/49.1876/-123.6622">https://worldmap.arednmesh.org/#9/49.1876/-123.6622</a>
  - Network Topology: <a href="https://wcaredn.ca/setups/topology/">https://wcaredn.ca/setups/topology/</a> (or see next page)

Network Topology (from Nov 18, 2023). Red lines are Internet Tunnel links, and blue lines are RF links.

