NAT: Know what it stands for, and what it does

TCP vs UDP vs (a little) QUIC

Switches vs Hubs vs Routers

Go over OSI Model basic terms

Understand DHCP

D.O.R.A.:

Discover

Offer

Request

Acknowledge

ss -plunt: what does it do, what do the different letters mean?

If you don’t have ss, you have netstat

Understand SFTP:

Understand SCP:

Understand SSH:

Runs on port 22

UFW is a layer 4 firewall

ARP is Address Resolution Protocol on Layer 2;

It figures out the mac address when you want to send something to someone and already have everything else you need. It does this by broadcasting a request with the IP and asks the holder to return with the mac address.