01. Intro
Revision
DHCP Getting IP address, gateway and DNS server

- Uses DHCP Discover, Offer, Request, Acknowledge

ARP MAC address from IP address

- ARP Query, Reply (only within same network)

DNS Mechanism to get IP from URL

- DNS query, recursive DNS/resolvers, Authoritative DNS

HTTP Application layer TCP connection

- HTTP Request, Response

Subnet Interface with same subnet-ID

- Classful vs Classless
- Security, performance(reduce broadcasts and collisions)

Supernet Merging small networks into larger network w single prefix

NAT Network Address Translation: Changing private addresses to public addresses