PUT, POST, DELETE, GET

200 - OK, 301 - Moved Perma., 400 - Bad Req.

404 - Not found, 505 - Ver. not supp., 500 - Error

Cookie → in request (set-cookie: ...; cookie: ...)

DNS

canonical - most explicit / longest

(Name, Value, Type, TTL)

↓   authoritative

A	Name = hostname	Value = IP
NS	Name = domain	Value = DNS server
CNAME	Name = domain	Value = domain
MX	Name = domain	Value = mail server

P2P

client - server

$$D_{c-s} = max \left\{ \frac{NF}{u_s}, \frac{F}{d_{min}} \right\}$$

P2P

$$D_{P2D} \geq max \left\{ \frac{F}{u_s}, \frac{F}{d_{min}}, \frac{NF}{(u_s + \sum u_i)} \right\}$$
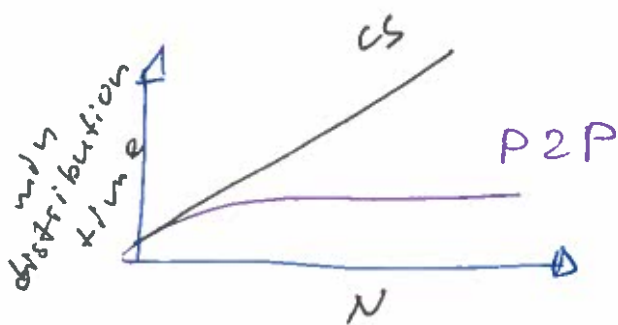
closest
successor

Bittorent

→ tracker
→ torrent - peers exchange file
→ peer chosen -
→ tit-for-tat: top 4 + t
   optimistic unchoke every 10s.

DHT

→ (key, value)
→ key to int conver
→ put key in closest peer by its id (next
→ circular +
   shortcuts