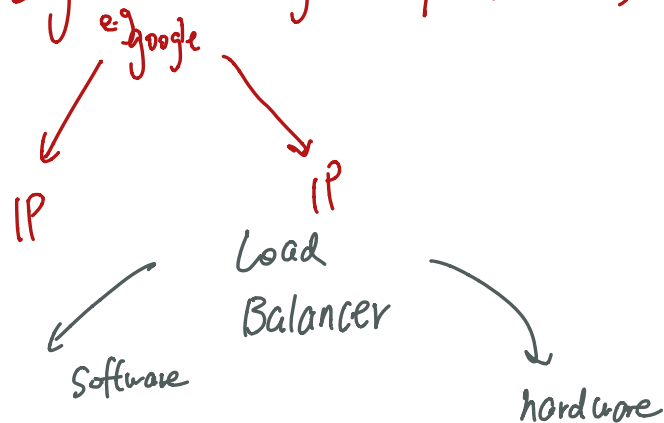


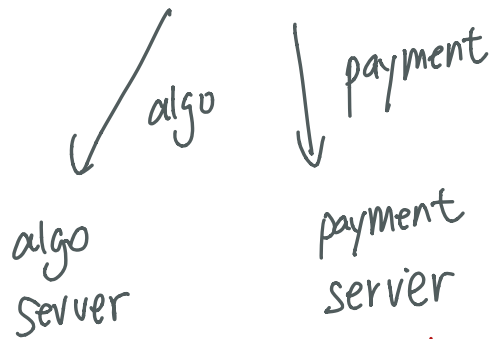
- 1) Redirection to server properly,
- 2) prevent overload
- 3) increase throughput

DNS: single domain gets multiple IP address



- 1). e.g.: randomly distribute (Bad, overload possible)
- 2). **round robin**, go through all server
weighted round robin, server w/ more weights are more likely to be picked

3) Path specific



when you make a change to a server,
others are not affected

4) Based on load:

Do health check, pick the server that is more healthy

5) IP select

hash a client IP to a server

useful when cach is going on e.g. the client's
stuff will get cached more often.