PROXIES we ask over friend to give our -- when we bunk class proxy attentance 2 client is searching for houses -了写 第一系一 but he directly dong wards 6 client proxi brokee to enteract with broker\_ so client will him a person that will act as an intermediate. This broker will tell the broker about 6 C house requirement. 6 -) prosi can hide dients information --) priorie can storee/ umenber clients requienneils. -client [proxi] -> [server -C Jn system design, proxi is a piece of hardware ar 0 software that acts as an intermediale bet n 9 0 of it helps to inc security, scalability 4 efficiency of 0 00 0 Som- How provies work and its Types Forward proxi Reverse proxi 9 e->P->S CEPES 0 Dever sends response to provi & provi sends response 1) client sends da seg to 0 pron & provisends to to client 0 2) It can hide dients Identity aft can hide servers identify It can store frequently asked 3 It can store frequently Bent responses info Request info ie caching 6 be caching

Benefits & promes Proxies can to hide the 1P address of server preventing direct exposure to internal 1 Jeanity. 10 lood balanan promies can spirit the incomming traffic across multiple servers ie inc speed to relaibitify D. caching proxies can store copies of frequently requested data, whis reduces load on main serves 4 Access control progres can control which request to reach to sener of Blocking or filtering unwanted traffic. THE WAY BY DESTROY TO THE PARTY OF THE PARTY. Alle are a second and a second The state of the s