Logical To Physical Address Mapping: ARP Dl: 21/3/23 > The sender has the tanged logical ITP address from DNS.

> physical address is local to the Www. Sender broadcasts a ARP (Address Resolution Protocol)

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Guerry packet:

The ARP querry packet contains to Target 11 1. -> Opon receiving the target reglies with ARP response.

packet that Virdudes its physical address. ARP Cache: To avoid so many broadcasts caches
used. Before broadcasting ARP guery packet.
The Caches memory is chesked first. -> ARP quercy is unreast but riply is broadlast. Physical to Togical mapping. RARP, BOOTS, DFICP RARP: (Reveres Address Resolution Prodocol): -> The RARP client broadcasts a RARP request on local n/w. > A RARP Server on the same n/w replies to the regult.

> RARP is a data link layor protocol. -> For each submil, a RARP server is regid. BOOTP - (Boot strapBOOTP: (Bootstrap Protocol): 2) BOOTP client & Server might belong to difft of ws. 1) Application layer protocol 3) The BOOTP request is thoughout 4) A Relay agent Knows the unicarl adelus of a Booth rux. 5) BOOTP Septen replies to the relay agent. 6) Relay agent WII II Bobb Client DHCP & Dynamic Host Configuration Protocol) -1) BOOTP is not dynamic. The mapping bloo physical adde s logical adde is a final one 2) In static address allocation PHCP equit to BOOTP 3) When DHICP service receives a DHICP request. message, if firest chieks its static data base odda. corresponding begical odda. is redurented. 4) 0/w, from the available 1P's, a IP is æssigned and, an entry is made in depremble destatan 9869 c 23/00/0000 Mostle 19268 The second of th