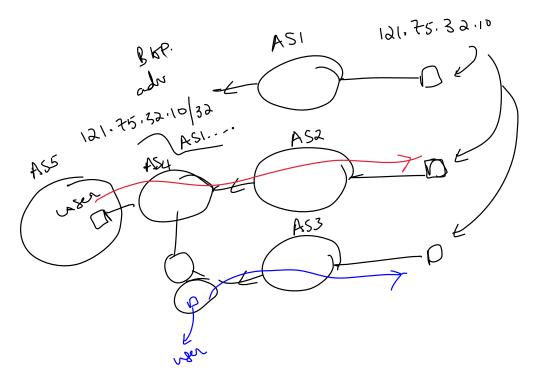
121,5,7,92 IP addresses DNS ____ IP address www. grogle. com www.cse. cith.ac.in www.cse. iitb. ac. ROOT SERVER DOS - Darial of Sovice · Redundancy - Multiple Rost Servos 13 Root Servers

DNS : DOMAIN NAME SYSTEM

DNS pht. Size of 512 bytes has space for 13 addresses at most · Usus ANYCAST for more redundancy UNICAST, MULTICAST, BROADCAST UNICAST, MULTICASI,

DODO

DOD INTERVET & D plet hes one analy one some A. rost-servers. net _____ mapped to warry. I him apographically distributed



RESOURCE RECORD

Value Name Seaver (host running the DNS
service in domain ")
corresponding to Nume") IP address NS (alias of "Name"; caronical name of not specified in "Name") CNAME (name of host running mail som in donain spelisfied in "Name") $^{\mathsf{M}}$

dig www. google. com John times Examples Rost Sever has /(edu, a3.nstld.com, NS) name of ons of redor donoin 1 < a3 : nstld. com , 192-5. 6.32, A) 18 of Name' Server a 3. nstld.com has (princetm. du, drs. princeton. du, NS) (drs. princeton. cdn, 128.112.129.5, A7 som dr.s. prineter. edn (dress cs. princeton.edn) Sever dus. Cs. princetor eder < penguin. cs. princeton. du, 128.112.15.6, A> < www. cs. princeton. edu, corcuelo. CS. princeton. edu, CNAMET < cs. princeton-eder, moil.cs. princeton.edn MX> < mail. cg. 1 128·12.1.5/A>

