

classmate 20181CSE0621 Saielas Q.1 b DNS:-· DNS stands for Domain Name System It is a distributed hierarchical of your directory that translates domain names into numerical IP addresses & vice versa. This is an application layer protocol This is a critical infrastructure of all hosts contact DNS to access servers and start connections. This can run either on TCP or UPP but running on UDP is preferred for fast response Functions of DNS: Finding address of particular host Mapping IP address to host names Finding an alias for real name of host. Finding host type of operating system information Naming the host that processes incoming mail for the designated target Delegating a sub tree of severnames to another server. 7) Denoting the start of a subtree that contains cache & configuration parameters and giving corresponding addresses Every ISP has a DNS server. A host sends UDP requests to DNS sever DNS either replies or directs the queries to smeeter servers.