

Sept-18 - 2014

Note Title

8/28/2014

No class 9/25 / Test 10/7 or 10/9

- IP header

+ header checksum

+ ToS \rightarrow DiffServ \rightarrow CoS

+ TTL

+ SA/DA 32 bits IPv4

- IPv4 addressing

+ [Net ID, host ID]

[Net ID, Subnet ID, host ID]

+ A.B.C.D format 8 bits

+ Subnet mask

237.56.5.0 /24

255.255.255.0

237.56.5.0

+ #host = $2^M - 2$ $M = \# \text{ bits}$

in host ID

1 address not ID & 1 address for
broadcast

+ DNS

+ ICMP

+ DHCP