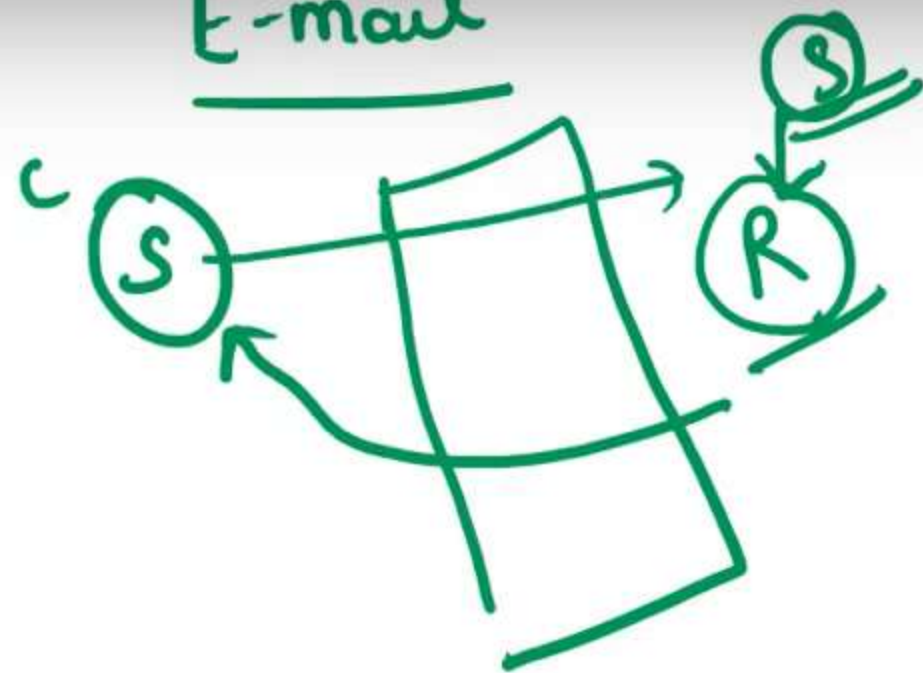


E-mailFTP

Eraser



+56

AA

DT

16:16 / 48:43

AW

KH

SP

IP

NB

Aryan Wadhavkar

Kaillash Hari

Sruthi P.

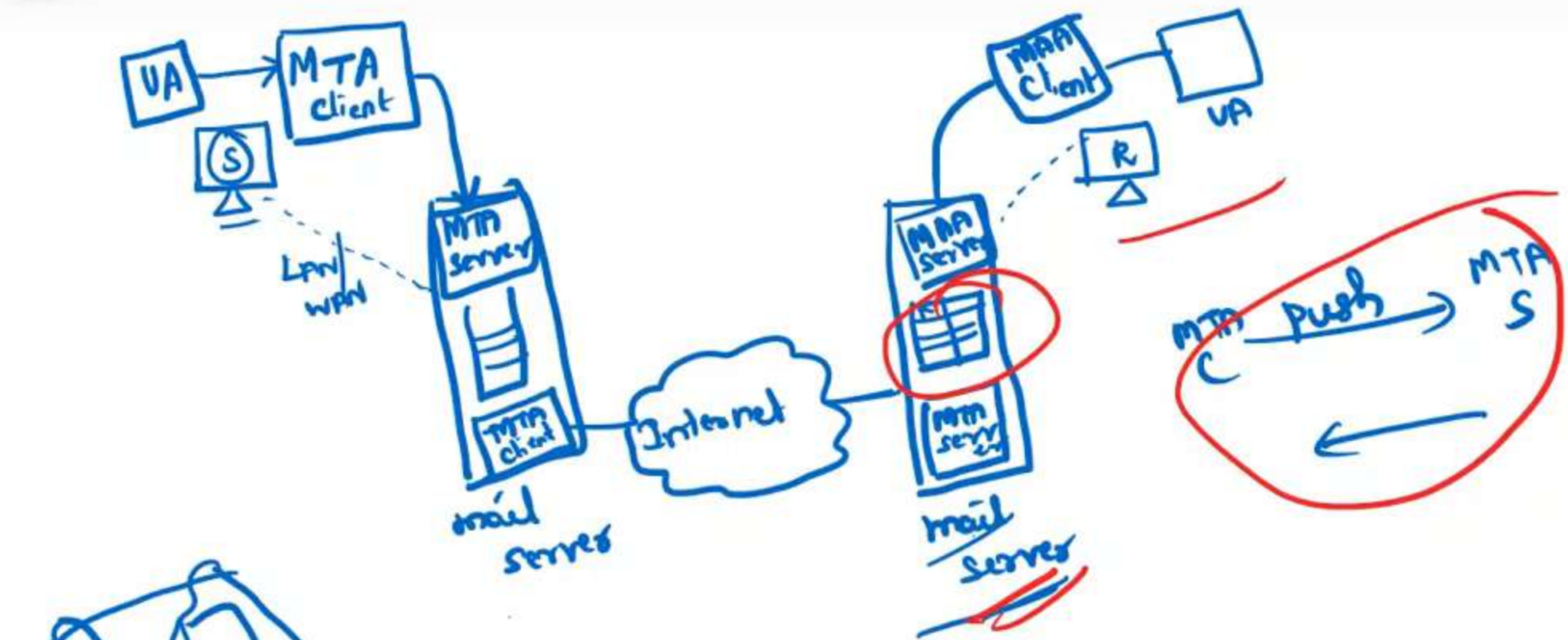
Sabarisrinivas Venkatesan

Advai Swamy

Indresh P

Nithya B

1.75



delete

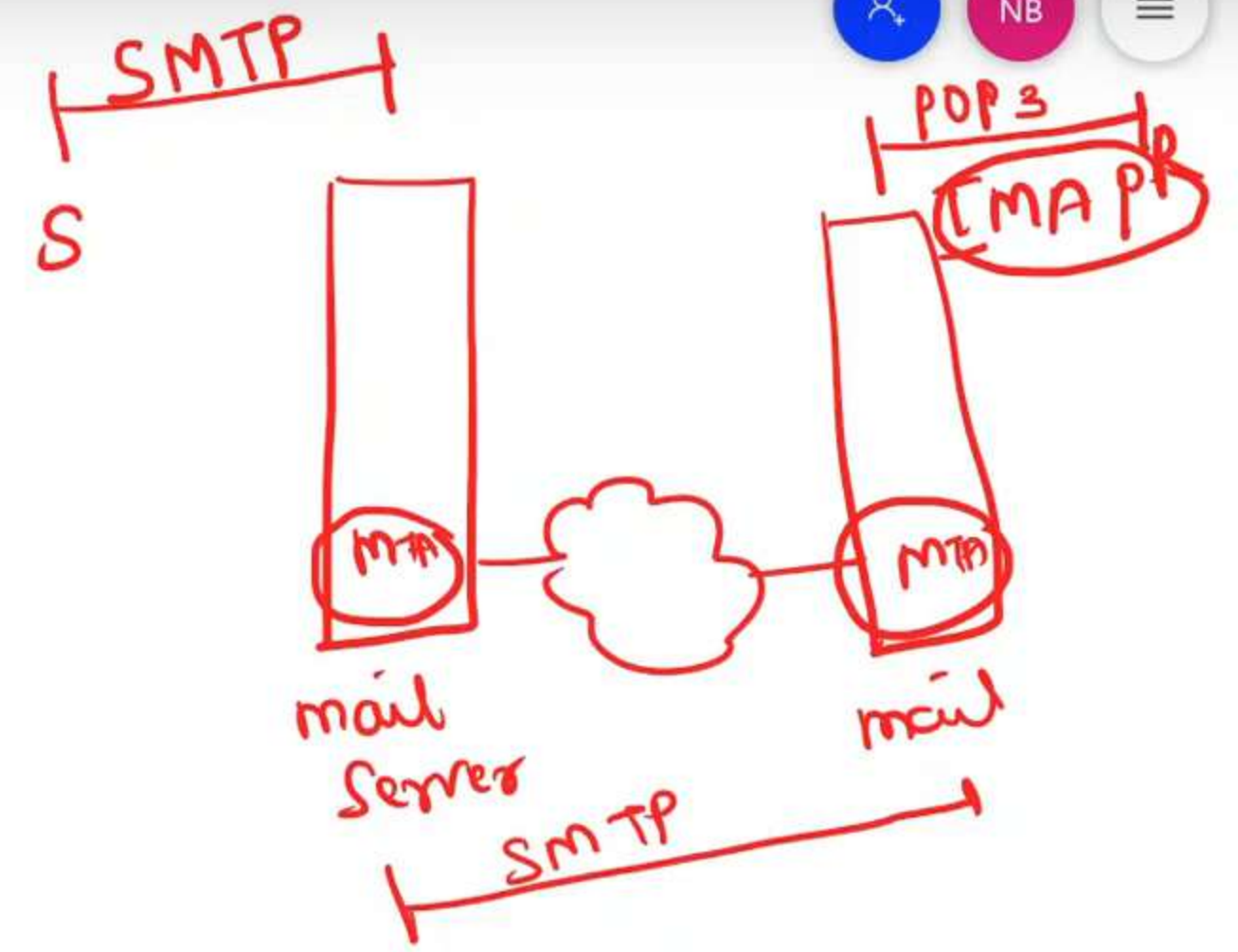
POP3

keep

(1) Auth

(2) Transc

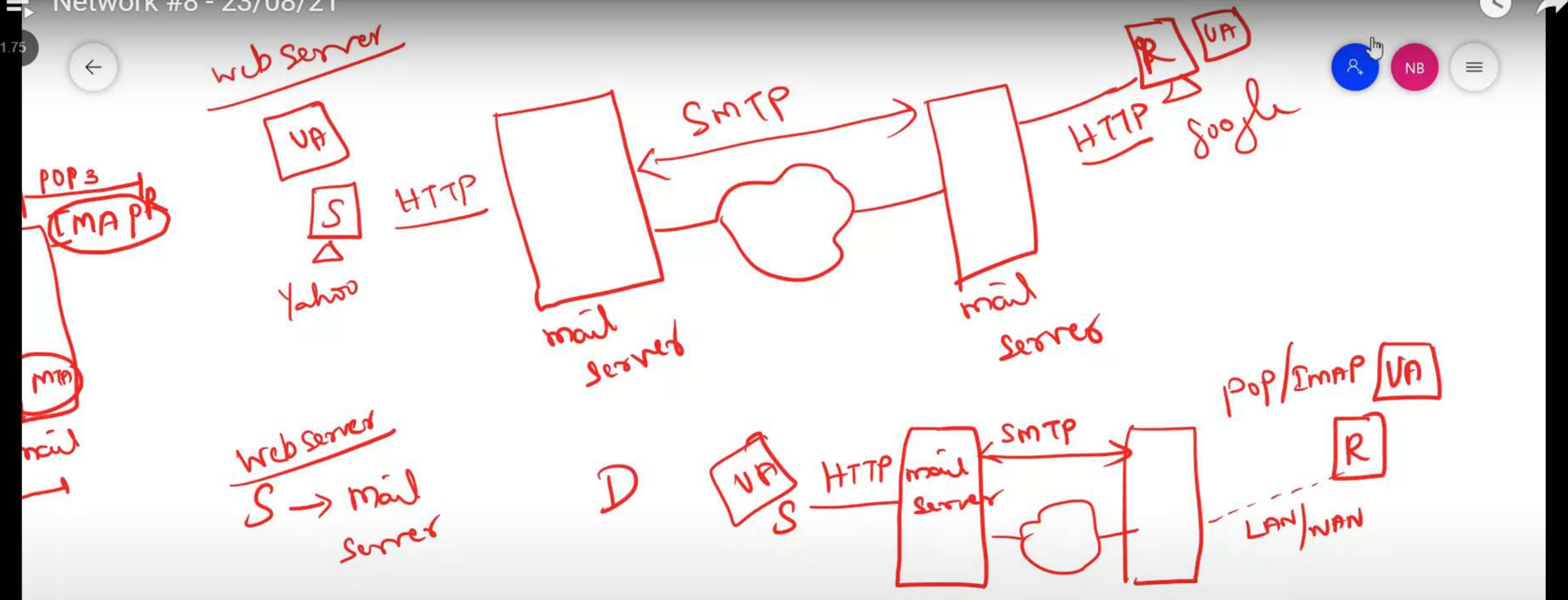
(3) Update



Red pen



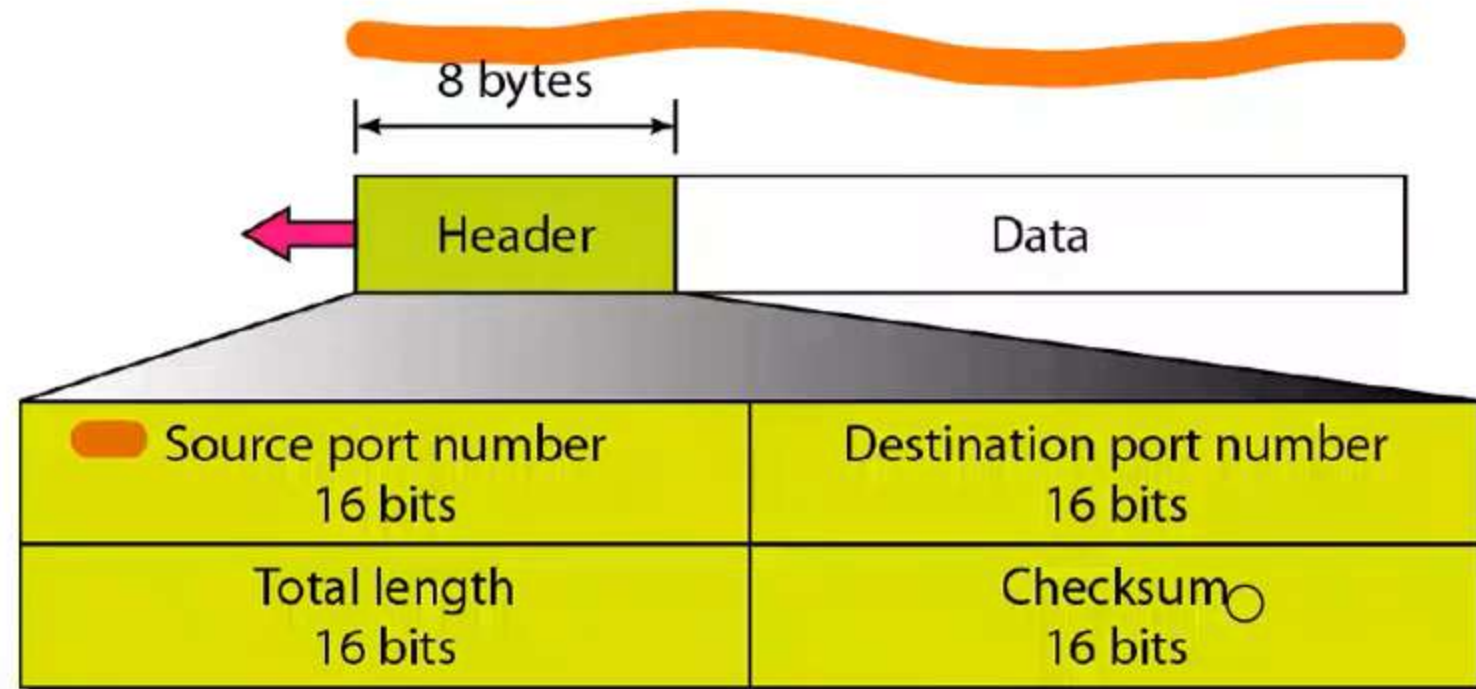
1.75





1.75

User datagram format



max
16 bits → 65535 → UDP
65535 - 8 - 20
IP (UDP)
Total length
HLen

UDP [Compatibility Mode] - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Tell me what you want to do... Sign in Share

Clipboard: Paste, Cut, Copy, Format Painter
Slides: New Slide, Layout, Reset, Section
Font: B, I, U, S, Aa, A-
Paragraph: Text Direction, Align Text, Convert to SmartArt
Drawing: Shapes, Lines, Arrows, Text Boxes, Callouts, SmartArt, Icons, Media
Editing: Find, Replace, Select

Checksum calculation of a simple UDP user datagram

Handwritten notes:
UDP → checksum optional
0's
Sum: 1111...111
Che: 000...111
15

153.18.8.105			
171.2.14.10			
All 0s	17		
1087	12		
15	All 0s		
T	E	S	T
I	N	G	All 0s

Handwritten notes:
dst
src
153.18.8.105
171.2.14.10
15
1087
12
All 0s

Handwritten notes:
10011001 00010010 → 153.18
00001000 01101001 → 8.105
10101011 00000010 → 171.2
00001110 00001010 → 14.10
00000000 00010001 → 0 and 17
00000000 00001111 → 15
00000100 00111111 → 1087
00000000 00001101 → 13
00000000 00001111 → 15
00000000 00000000 → 0 (checksum)
01010100 01000101 → T and E
01010011 01010100 → S and T
01001001 01001110 → I and N
01000111 00000000 → G and 0 (padding)
10010110 11101011 → Sum
01101001 00010100 → Checksum
000...00
111...11

Handwritten notes:
Sum: 111...11
Che: 000...11
15

Click to add notes

Slide 16 of 17 English (India)

Notes Whiteboard Fullscreen snip

Desktop 30°C Haze 10:14 AM INTL 30-08-2021