

(A) Fall-2024

(1)

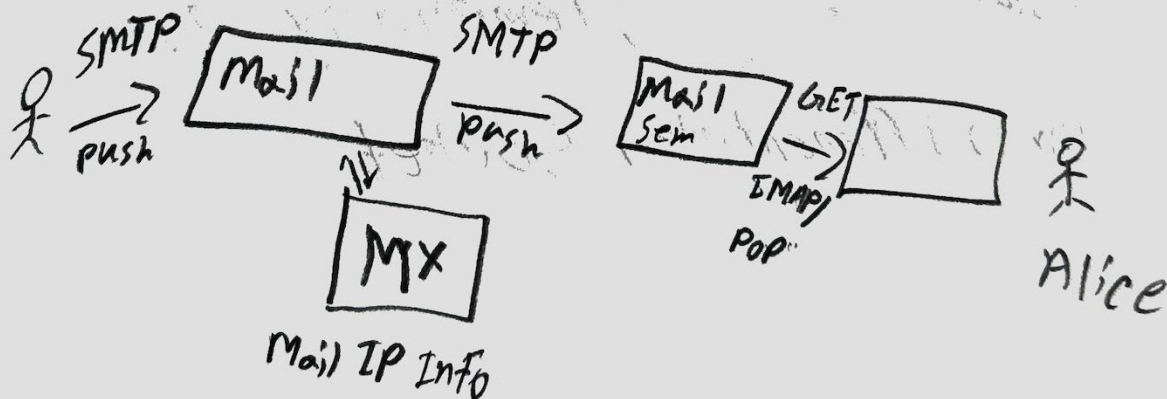
i/ Application Layer

ii/ Network Layer

iii/ Network Layer

2/ The Google Chrome saved cookies but didn't shared with Internet Explorer. Each browser stores its cookies independently.

3/



④ DNS A record

(www.gamingforall.com, 200.10.20.8, A)

⑤ Transport layer : UDP

Port : Temporary port

How to differentiate; Socket

$$6/ \text{ i) } (35 \times 35 + 30 \times 35) = 2275 \text{ ms}$$

$$\text{ii) } FTT = \frac{35 \times 9 \times 8}{64}$$

$$= 17.5 \text{ ms}$$

$$7/ \text{ ii) } 0.9 \times 15 + 0.3 \times 30 + 0.3 (100 + 200) \\ = 105 \text{ ms}$$

$$\text{iii) } 50, 15 + 35 = 45$$

87

i)  $sequence = 1910 + 1 + 421 = 2332$

$$acknowledgment = 1332 + 1 + 260 + 220 \\ = 2013$$

ii)  $rwnd = 12000 - 421 - 111 \\ = 668$