

Q1: D - 1334

Q2: B - No

Q3: 2 - Will increase timeout

Q4: $(1 - 0.125) * 100 + 0.125 * 108 = 101$ SRTT

$(1 - 0.25) * 8 + 0.25 * |108 - 101| = 7.75$ Dev RRT

$101 + 4 * 7.75 = 132$ Timeout

Q5: C - Flow Control

Q6: B - 1.5RTT

Q7: B - Triple Duplicate ACK

Q8: True

Q9: SMTP, HTTP and FTP

Q10: C - 0.8 sec

Q11: C - 4 sec

Q12: B - 40 packets / s