

----- Stop and Wait Network Simulator Version 1.1 -----

Enter the number of messages to simulate: 30
Enter packet loss probability [enter 0.0 for no loss]:0.2
Enter packet corruption probability [0.0 for no corruption]:0.2
Enter average time between messages from sender's layer5 [> 0.0]:10
Enter TRACE:2

EVENT time: 6.965711, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 0
packet sent from A with message aaaaaaaaaaaaaaaaaa and seq number 0
checksum A is 940

EVENT time: 12.374607, type: 2, fromlayer3 entity: 1
received packet from A with message aaaaaaaaaaaaaaaaaa, sequence number 0
last received B is -1
at B, packet with message aaaaaaaaaaaaaaaaaa, seq number 0 sent to layer 5 i.e. application layer
ack sent from B with acknum 0
TOLAYER3: packet being corrupted

EVENT time: 17.132755, type: 2, fromlayer3 entity: 0
corrupt packet detected at A

EVENT time: 19.661861, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 1
packet sent from A with message bbbbbbbbbbbbbbbbbbb and seq number 1
checksum A is 961
TOLAYER3: packet being corrupted

EVENT time: 26.965710, type: 0, timerinterrupt entity: 0
timeout happened at A for packet 0
packet sent from A with message aaaaaaaaaaaaaaaaaa and seq number 0

EVENT time: 27.956409, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 35.720585, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 2
packet sent from A with message ccccccccccccccccc and seq number 2
checksum A is 982

EVENT time: 37.509491, type: 2, fromlayer3 entity: 1
received packet from A with message aaaaaaaaaaaaaaaaaa, sequence number 0

EVENT time: 61.202221, type: 2, fromlayer3 entity: 1
received packet from A with message dddddddddddddddddd, sequence number 3
last received B is 2
at B, packet with message dddddddddddddddddd, seq number 3 sent to layer 5 i.e.
application layer
ack sent from B with acknum 3

EVENT time: 62.226116, type: 2, fromlayer3 entity: 1
received packet from A with message cccccccccccccccc, sequence number 2
not received expected packet from A, expected packet 4, got 2
ack sent from B with acknum 2
TOLAYER3: packet being lost

EVENT time: 65.621719, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 3

EVENT time: 66.331215, type: 2, fromlayer3 entity: 1
received packet from A with message eeeeeeeeeeeeeeeee, sequence number 4
last received B is 3
at B, packet with message eeeeeeeeeeeeeeeee, seq number 4 sent to layer 5 i.e.
application layer
ack sent from B with acknum 4

EVENT time: 68.355377, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 5
packet sent from A with message ffffffffffffffff and seq number 5
checksum A is 1045

EVENT time: 69.154747, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 6
packet sent from A with message gggggggggggggggggggg and seq number 6
checksum A is 1066
TOLAYER3: packet being lost

EVENT time: 72.954788, type: 2, fromlayer3 entity: 1
received packet from A with message ffffffffffffffff, sequence number 5
last received B is 4
at B, packet with message ffffffffffffffff, seq number 5 sent to layer 5 i.e. application layer
ack sent from B with acknum 5

EVENT time: 74.149445, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 4

EVENT time: 75.720581, type: 0, timerinterrupt entity: 2
timeout happened at A for packet 2
packet sent from A with message cccccccccccccccccc and seq number 2
TOLAYER3: packet being lost

EVENT time: 83.092163, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 5

EVENT time: 86.772491, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 7
packet sent from A with message hhhhhhhhhhhhhhhhhhhh and seq number 7
checksum A is 1087

EVENT time: 89.154747, type: 0, timerinterrupt entity: 6
timeout happened at A for packet 6
packet sent from A with message gggggggggggggggggggg and seq number 6
TOLAYER3: packet being lost

EVENT time: 90.475349, type: 2, fromlayer3 entity: 1
received packet from A with message hhhhhhhhhhhhhhhhhhhh, sequence number 7
not received expected packet from A, expected packet 6, got 7
at B, buffering the packet 7 in window
ack sent from B with acknum 7
TOLAYER3: packet being corrupted

EVENT time: 92.238968, type: 2, fromlayer3 entity: 0
corrupt packet detected at A

EVENT time: 95.343681, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 8
packet sent from A with message iiiiiiiiiiiiiiiiii and seq number 8
checksum A is 1108

EVENT time: 95.720581, type: 0, timerinterrupt entity: 2
timeout happened at A for packet 2
packet sent from A with message cccccccccccccccccc and seq number 2

EVENT time: 101.579010, type: 2, fromlayer3 entity: 1
received packet from A with message iiiiiiiiiiiiiiiiii, sequence number 8
not received expected packet from A, expected packet 6, got 8
at B, buffering the packet 8 in window
ack sent from B with acknum 8
TOLAYER3: packet being corrupted

EVENT time: 103.806236, type: 2, fromlayer3 entity: 1
received packet from A with message cccccccccccccccccc, sequence number 2
not received expected packet from A, expected packet 6, got 2
ack sent from B with acknum 2
TOLAYER3: packet being lost

EVENT time: 105.613159, type: 2, fromlayer3 entity: 0
corrupt packet detected at A

EVENT time: 106.772491, type: 0, timerinterrupt entity: 7
timeout happened at A for packet 7
packet sent from A with message hhhhhhhhhhhhhhhhhhhh and seq number 7

EVENT time: 108.562431, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 9
packet sent from A with message jjjjjjjjjjjjjjjjjj and seq number 9
checksum A is 1129

EVENT time: 109.154747, type: 0, timerinterrupt entity: 6
timeout happened at A for packet 6
packet sent from A with message gggggggggggggggggggg and seq number 6
TOLAYER3: packet being lost

EVENT time: 112.442299, type: 2, fromlayer3 entity: 1
received packet from A with message hhhhhhhhhhhhhhhhhhhh, sequence number 7
not received expected packet from A, expected packet 6, got 7
at B, buffering the packet 7 in window
ack sent from B with acknum 7

EVENT time: 114.829826, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 10
at A, putting packet number 10 into buffer since outside the window size of 8

EVENT time: 115.343681, type: 0, timerinterrupt entity: 8
timeout happened at A for packet 8
packet sent from A with message iiiiiiiiiiiiiiiiii and seq number 8

EVENT time: 115.720581, type: 0, timerinterrupt entity: 2
timeout happened at A for packet 2
packet sent from A with message cccccccccccccccccc and seq number 2
TOLAYER3: packet being corrupted

EVENT time: 116.354820, type: 2, fromlayer3 entity: 1
received packet from A with message jjjjjjjjjjjjjjjjjj, sequence number 9

not received expected packet from A, expected packet 6, got 9
at B, buffering the packet 9 in window
ack sent from B with acknum 9
TOLAYER3: packet being corrupted

EVENT time: 116.913681, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 7

EVENT time: 124.948219, type: 2, fromlayer3 entity: 1
received packet from A with message iiiiiiiiiiiiiiiiii, sequence number 8
not received expected packet from A, expected packet 6, got 8
at B, buffering the packet 8 in window
ack sent from B with acknum 8

EVENT time: 126.339203, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 126.862289, type: 2, fromlayer3 entity: 0
corrupt packet detected at A

EVENT time: 128.562439, type: 0, timerinterrupt entity: 9
timeout happened at A for packet 9
packet sent from A with message jjjjjjjjjjjjjjjjjj and seq number 9

EVENT time: 129.154755, type: 0, timerinterrupt entity: 6
timeout happened at A for packet 6
packet sent from A with message gggggggggggggggggggg and seq number 6

EVENT time: 131.037445, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 8

EVENT time: 133.351562, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 11
at A, putting packet number 11 into buffer since outside the window size of 8

EVENT time: 135.720581, type: 0, timerinterrupt entity: 2
timeout happened at A for packet 2
packet sent from A with message cccccccccccccccccc and seq number 2

EVENT time: 136.438339, type: 2, fromlayer3 entity: 1
received packet from A with message jjjjjjjjjjjjjjjjjj, sequence number 9
not received expected packet from A, expected packet 6, got 9
at B, buffering the packet 9 in window
ack sent from B with acknum 9

EVENT time: 138.208282, type: 2, fromlayer3 entity: 1
received packet from A with message gggggggggggggggggggg, sequence number 6
last received B is 5
at B, packet with message gggggggggggggggggggg, seq number 6 sent to layer 5 i.e. application layer
at B, packet with message hhhhhhhhhhhhhhhhhhhh and sequence number 7 sent to layer 5 i.e. application layer
at B, packet with message iiiiiiiiiiiiiiiiii and sequence number 8 sent to layer 5 i.e. application layer
at B, packet with message jjjjjjjjjjjjjjjjjj and sequence number 9 sent to layer 5 i.e. application layer
ack sent from B with acknum 6
TOLAYER3: packet being corrupted

EVENT time: 140.007263, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 9

EVENT time: 141.053314, type: 2, fromlayer3 entity: 0
corrupt packet detected at A

EVENT time: 143.387711, type: 2, fromlayer3 entity: 1
received packet from A with message cccccccccccccccc, sequence number 2
not received expected packet from A, expected packet 10, got 2
ack sent from B with acknum 2

EVENT time: 146.247681, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 12
at A, putting packet number 12 into buffer since outside the window size of 8

EVENT time: 146.747879, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 13
at A, putting packet number 13 into buffer since outside the window size of 8

EVENT time: 147.649338, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 2
base_A moved to 6
packet sent from A with message kkkkkkkkkkkkkkkkkk and seq number 10
packet sent from A with message llllllllllllllllll and seq number 11
packet sent from A with message mmmmmmmmmmmmmmmmmmm and seq number 12
packet sent from A with message nnnnnnnnnnnnnnnnnnnn and seq number 13
TOLAYER3: packet being corrupted

EVENT time: 148.778366, type: 2, fromlayer3 entity: 1

received packet from A with message kkkkkkkkkkkkkkkkkkk, sequence number 10
last received B is 9
at B, packet with message kkkkkkkkkkkkkkkkkkk, seq number 10 sent to layer 5 i.e. application layer
ack sent from B with acknum 10

EVENT time: 149.154755, type: 0, timerinterrupt entity: 6
timeout happened at A for packet 6
packet sent from A with message gggggggggggggggggggg and seq number 6

EVENT time: 153.705536, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 14
at A, putting packet number 14 into buffer since outside the window size of 8

EVENT time: 154.814529, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 10

EVENT time: 154.909332, type: 2, fromlayer3 entity: 1
received packet from A with message llllllllllllllllll, sequence number 11
last received B is 10
at B, packet with message llllllllllllllllll, seq number 11 sent to layer 5 i.e. application layer
ack sent from B with acknum 11
TOLAYER3: packet being corrupted

EVENT time: 156.953064, type: 2, fromlayer3 entity: 0
corrupt packet detected at A

EVENT time: 161.432892, type: 2, fromlayer3 entity: 1
received packet from A with message mmmmmmmmmmmmmmmmmmm, sequence number 12
last received B is 11
at B, packet with message mmmmmmmmmmmmmmmmmmm, seq number 12 sent to layer 5 i.e. application layer
ack sent from B with acknum 12
TOLAYER3: packet being lost

EVENT time: 167.649338, type: 0, timerinterrupt entity: 13
timeout happened at A for packet 13
packet sent from A with message nnnnnnnnnnnnnnnnnnn and seq number 13

EVENT time: 167.649338, type: 0, timerinterrupt entity: 12
timeout happened at A for packet 12
packet sent from A with message mmmmmmmmmmmmmmmmmmm and seq number 12

EVENT time: 167.649338, type: 0, timerinterrupt entity: 11
timeout happened at A for packet 11
packet sent from A with message lllllllllllllllll and seq number 11
TOLAYER3: packet being corrupted

EVENT time: 169.047852, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 15
at A, putting packet number 15 into buffer since outside the window size of 8

EVENT time: 169.154755, type: 0, timerinterrupt entity: 6
timeout happened at A for packet 6
packet sent from A with message ggggggggggggggggggg and seq number 6

EVENT time: 170.908737, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 176.052902, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 16
at A, putting packet number 16 into buffer since outside the window size of 8

EVENT time: 177.170380, type: 2, fromlayer3 entity: 1
received packet from A with message ggggggggggggggggggg, sequence number 6
not received expected packet from A, expected packet 13, got 6
ack sent from B with acknum 6
TOLAYER3: packet being lost

EVENT time: 180.467926, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 17
at A, putting packet number 17 into buffer since outside the window size of 8

EVENT time: 185.803680, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 18
at A, putting packet number 18 into buffer since outside the window size of 8

EVENT time: 186.319351, type: 2, fromlayer3 entity: 1
received packet from A with message nnnnnnnnnnnnnnnnnnn, sequence number 13
last received B is 12
at B, packet with message nnnnnnnnnnnnnnnnnnn, seq number 13 sent to layer 5 i.e.
application layer
ack sent from B with acknum 13
TOLAYER3: packet being lost

EVENT time: 187.649338, type: 0, timerinterrupt entity: 11
timeout happened at A for packet 11

packet sent from A with message lllllllllllllllll and seq number 11

EVENT time: 187.649338, type: 0, timerinterrupt entity: 12

timeout happened at A for packet 12

packet sent from A with message mmmmmmmmmmmmmmmmmmmmm and seq number 12

EVENT time: 187.649338, type: 0, timerinterrupt entity: 13

timeout happened at A for packet 13

packet sent from A with message nnnnnnnnnnnnnnnnnnnnn and seq number 13

EVENT time: 189.154755, type: 0, timerinterrupt entity: 6

timeout happened at A for packet 6

packet sent from A with message ggggggggggggggggggggg and seq number 6

TOLAYER3: packet being corrupted

EVENT time: 189.594910, type: 2, fromlayer3 entity: 1

received packet from A with message mmmmmmmmmmmmmmmmmmmmm, sequence number 12

not received expected packet from A, expected packet 14, got 12

ack sent from B with acknum 12

EVENT time: 192.015121, type: 2, fromlayer3 entity: 1

corrupt packet detected at B

EVENT time: 194.468475, type: 2, fromlayer3 entity: 0

received acknowledgment from B with acknum 12

EVENT time: 195.871857, type: 2, fromlayer3 entity: 1

received packet from A with message ggggggggggggggggggggg, sequence number 6

not received expected packet from A, expected packet 14, got 6

ack sent from B with acknum 6

EVENT time: 200.475342, type: 2, fromlayer3 entity: 1

received packet from A with message lllllllllllllllll, sequence number 11

not received expected packet from A, expected packet 14, got 11

ack sent from B with acknum 11

EVENT time: 201.588989, type: 2, fromlayer3 entity: 0

received acknowledgment from B with acknum 6

base_A moved to 11

packet sent from A with message oooooooooooooooooooooo and seq number 14

packet sent from A with message pppppppppppppppppppppp and seq number 15

packet sent from A with message qqqqqqqqqqqqqqqqqqqq and seq number 16

packet sent from A with message rrrrrrrrrrrrrrrrrrr and seq number 17

packet sent from A with message sssssssssssssssss and seq number 18

EVENT time: 203.064545, type: 2, fromlayer3 entity: 1
received packet from A with message mmmmmmmmmmmmmmmmmmmmm, sequence number 12
not received expected packet from A, expected packet 14, got 12
ack sent from B with acknum 12

EVENT time: 203.774826, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 19
at A, putting packet number 19 into buffer since outside the window size of 8

EVENT time: 204.240723, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 11
base_A moved to 13
packet sent from A with message ttttttttttttttttt and seq number 19
TOLAYER3: packet being corrupted

EVENT time: 204.925217, type: 2, fromlayer3 entity: 1
received packet from A with message nnnnnnnnnnnnnnnnnnn, sequence number 13
not received expected packet from A, expected packet 14, got 13
ack sent from B with acknum 13

EVENT time: 207.649338, type: 0, timerinterrupt entity: 13
timeout happened at A for packet 13
packet sent from A with message nnnnnnnnnnnnnnnnnnn and seq number 13
TOLAYER3: packet being lost

EVENT time: 208.679840, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 12

EVENT time: 209.209488, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 211.353455, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 20
packet sent from A with message uuuuuuuuuuuuuuuuuuu and seq number 20
checksum A is 1360

EVENT time: 215.715622, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 13
base_A moved to 14

EVENT time: 216.027298, type: 2, fromlayer3 entity: 1

received packet from A with message oooooooooooooooooooooo, sequence number 14
last received B is 13
at B, packet with message oooooooooooooooooooooo, seq number 14 sent to layer 5 i.e.
application layer
ack sent from B with acknum 14
TOLAYER3: packet being lost

EVENT time: 218.447723, type: 2, fromlayer3 entity: 1
received packet from A with message ppppppppppppppppppppp, sequence number 15
last received B is 14
at B, packet with message ppppppppppppppppppppp, seq number 15 sent to layer 5 i.e.
application layer
ack sent from B with acknum 15

EVENT time: 219.265320, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 21
packet sent from A with message vvvvvvvvvvvvvvvvvvvv and seq number 21
checksum A is 1381

EVENT time: 221.588989, type: 0, timerinterrupt entity: 18
timeout happened at A for packet 18
packet sent from A with message ssssssssssssssssssss and seq number 18

EVENT time: 221.588989, type: 0, timerinterrupt entity: 17
timeout happened at A for packet 17
packet sent from A with message rrrrrrrrrrrrrrrrrrrr and seq number 17

EVENT time: 221.588989, type: 0, timerinterrupt entity: 16
timeout happened at A for packet 16
packet sent from A with message qqqqqqqqqqqqqqqqqqqq and seq number 16

EVENT time: 221.588989, type: 0, timerinterrupt entity: 15
timeout happened at A for packet 15
packet sent from A with message ppppppppppppppppppppp and seq number 15

EVENT time: 221.588989, type: 0, timerinterrupt entity: 14
timeout happened at A for packet 14
packet sent from A with message oooooooooooooooooooooo and seq number 14
TOLAYER3: packet being lost

EVENT time: 223.729858, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 15

EVENT time: 224.185806, type: 1, fromlayer5 entity: 0

at A, created packet with sequence number 22
at A, putting packet number 22 into buffer since outside the window size of 8

EVENT time: 224.240723, type: 0, timerinterrupt entity: 19
timeout happened at A for packet 19
packet sent from A with message ttttttttttttttttt and seq number 19
TOLAYER3: packet being corrupted

EVENT time: 225.317719, type: 2, fromlayer3 entity: 1
received packet from A with message qqqqqqqqqqqqqqqqqqq, sequence number 16
last received B is 15
at B, packet with message qqqqqqqqqqqqqqqqqqq, seq number 16 sent to layer 5 i.e.
application layer
ack sent from B with acknum 16

EVENT time: 231.353455, type: 0, timerinterrupt entity: 20
timeout happened at A for packet 20
packet sent from A with message uuuuuuuuuuuuuuuuuuuu and seq number 20

EVENT time: 232.493607, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 23
at A, putting packet number 23 into buffer since outside the window size of 8

EVENT time: 232.863678, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 24
at A, putting packet number 24 into buffer since outside the window size of 8

EVENT time: 233.035645, type: 2, fromlayer3 entity: 1
received packet from A with message rrrrrrrrrrrrrrrrr, sequence number 17
last received B is 16
at B, packet with message rrrrrrrrrrrrrrrrr, seq number 17 sent to layer 5 i.e. application layer
ack sent from B with acknum 17

EVENT time: 235.233017, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 16

EVENT time: 235.964294, type: 2, fromlayer3 entity: 1
received packet from A with message ssssssssssssssssss, sequence number 18
last received B is 17
at B, packet with message ssssssssssssssssss, seq number 18 sent to layer 5 i.e. application
layer
ack sent from B with acknum 18

EVENT time: 237.300659, type: 2, fromlayer3 entity: 0

received acknowledgment from B with acknum 17

EVENT time: 239.265320, type: 0, timerinterrupt entity: 21
timeout happened at A for packet 21
packet sent from A with message vvvvvvvvvvvvvvvvvvvv and seq number 21
TOLAYER3: packet being corrupted

EVENT time: 239.881180, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 241.588989, type: 0, timerinterrupt entity: 14
timeout happened at A for packet 14
packet sent from A with message oooooooooooooooooooooo and seq number 14

EVENT time: 241.588989, type: 0, timerinterrupt entity: 18
timeout happened at A for packet 18
packet sent from A with message ssssssssssssssssssss and seq number 18

EVENT time: 243.403229, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 18

EVENT time: 244.240723, type: 0, timerinterrupt entity: 19
timeout happened at A for packet 19
packet sent from A with message tttttttttttttttttt and seq number 19

EVENT time: 247.110138, type: 2, fromlayer3 entity: 1
received packet from A with message uuuuuuuuuuuuuuuuuuuu, sequence number 20
not received expected packet from A, expected packet 19, got 20
at B, buffering the packet 20 in window
ack sent from B with acknum 20

EVENT time: 248.761673, type: 2, fromlayer3 entity: 1
received packet from A with message vvvvvvvvvvvvvvvvvvvv, sequence number 21
not received expected packet from A, expected packet 19, got 21
at B, buffering the packet 21 in window
ack sent from B with acknum 21

EVENT time: 250.451523, type: 2, fromlayer3 entity: 1
received packet from A with message ssssssssssssssssss, sequence number 18
not received expected packet from A, expected packet 19, got 18
ack sent from B with acknum 18
TOLAYER3: packet being lost

EVENT time: 251.353455, type: 0, timerinterrupt entity: 20

timeout happened at A for packet 20
packet sent from A with message uuuuuuuuuuuuuuuuuuuuu and seq number 20

EVENT time: 251.471191, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 20

EVENT time: 252.608932, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 25
at A, putting packet number 25 into buffer since outside the window size of 8

EVENT time: 252.656082, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 21

EVENT time: 260.244507, type: 2, fromlayer3 entity: 1
received packet from A with message rrrrrrrrrrrrrrrrr, sequence number 17
not received expected packet from A, expected packet 19, got 17
ack sent from B with acknum 17

EVENT time: 261.373413, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 17

EVENT time: 261.588989, type: 0, timerinterrupt entity: 14
timeout happened at A for packet 14
packet sent from A with message oooooooooooooooooooooo and seq number 14
TOLAYER3: packet being lost

EVENT time: 264.240723, type: 0, timerinterrupt entity: 19
timeout happened at A for packet 19
packet sent from A with message ttttttttttttttttt and seq number 19

EVENT time: 266.735260, type: 2, fromlayer3 entity: 1
received packet from A with message qqqqqqqqqqqqqqqqqqq, sequence number 16
not received expected packet from A, expected packet 19, got 16
ack sent from B with acknum 16
TOLAYER3: packet being lost

EVENT time: 271.512024, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 26
at A, putting packet number 26 into buffer since outside the window size of 8

EVENT time: 274.814789, type: 2, fromlayer3 entity: 1
received packet from A with message ppppppppppppppppppppp, sequence number 15
not received expected packet from A, expected packet 19, got 15
ack sent from B with acknum 15

EVENT time: 277.383972, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 15

EVENT time: 280.576965, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 281.588989, type: 0, timerinterrupt entity: 14
timeout happened at A for packet 14
packet sent from A with message oooooooooooooooooooooo and seq number 14

EVENT time: 282.557678, type: 2, fromlayer3 entity: 1
received packet from A with message uuuuuuuuuuuuuuuuuuuu, sequence number 20
not received expected packet from A, expected packet 19, got 20
at B, buffering the packet 20 in window
ack sent from B with acknum 20

EVENT time: 283.146057, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 27
at A, putting packet number 27 into buffer since outside the window size of 8

EVENT time: 284.240723, type: 0, timerinterrupt entity: 19
timeout happened at A for packet 19
packet sent from A with message ttttttttttttttttt and seq number 19

EVENT time: 284.847748, type: 2, fromlayer3 entity: 1
corrupt packet detected at B

EVENT time: 286.180695, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 20

EVENT time: 286.451477, type: 2, fromlayer3 entity: 1
received packet from A with message oooooooooooooooooooooo, sequence number 14
not received expected packet from A, expected packet 19, got 14
ack sent from B with acknum 14

EVENT time: 291.268707, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 14
base_A moved to 19
packet sent from A with message wwwwwwwwwwwwwwwwwww and seq number 22
TOLAYER3: packet being lost
packet sent from A with message xxxxxxxxxxxxxxxxxxxxxx and seq number 23
packet sent from A with message yyyyyyyyyyyyyyyyyyyy and seq number 24
packet sent from A with message zzzzzzzzzzzzzzzzzz and seq number 25

TOLAYER3: packet being lost
packet sent from A with message aaaaaaaaaaaaaaaaaa and seq number 26

EVENT time: 294.189850, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 28
at A, putting packet number 28 into buffer since outside the window size of 8

EVENT time: 294.416870, type: 2, fromlayer3 entity: 1
received packet from A with message sssssssssssssssss, sequence number 18
not received expected packet from A, expected packet 19, got 18
ack sent from B with acknum 18

EVENT time: 298.575012, type: 2, fromlayer3 entity: 1
received packet from A with message tttttttttttttttt, sequence number 19
last received B is 18
at B, packet with message tttttttttttttttt, seq number 19 sent to layer 5 i.e. application layer
at B, packet with message uuuuuuuuuuuuuuuuuu and sequence number 20 sent to layer 5
i.e. application layer
at B, packet with message vvvvvvvvvvvvvvvvvv and sequence number 21 sent to layer 5 i.e.
application layer
ack sent from B with acknum 19

EVENT time: 300.527069, type: 2, fromlayer3 entity: 0
received acknowledgment from B with acknum 18

EVENT time: 304.240723, type: 0, timerinterrupt entity: 19
timeout happened at A for packet 19
packet sent from A with message tttttttttttttttt and seq number 19

EVENT time: 307.602478, type: 2, fromlayer3 entity: 1
received packet from A with message uuuuuuuuuuuuuuuuuu, sequence number 20
not received expected packet from A, expected packet 22, got 20
ack sent from B with acknum 20

EVENT time: 308.287811, type: 1, fromlayer5 entity: 0
at A, created packet with sequence number 29
at A, putting packet number 29 into buffer since outside the window size of 8

EVENT time: 308.350677, type: 2, fromlayer3 entity: 0
Simulator terminated at time 308.350677
after sending 30 msgs from layer5
Simulation Results:
Protocol: Selective Repeat
30 of packets sent from the Application Layer of Sender A

52 of packets sent from the Transport Layer of Sender A

51 packets received at the Transport layer

22 packets received at the Application layer

Total time: 308.350677 time units

Throughput = 0.071347 packets/time units