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

**Enter the number of messages to simulate:10**

**Enter packet loss probability [enter 0.0 for no loss]:0.1**

**Enter packet corruption probability [0.0 for no corruption]:0.3**

**Enter average time between messages from sender's layer5 [ > 0.0]:1000**

**Enter TRACE:2**

In A\_init

In B\_init

**EVENT time: 1870.573975, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**TOLAYER3: packet being corrupted**

**EVENT time: 1876.039062, type: 2, fromlayer3 entity: 1**

In B\_input

Packet is Corrupted.

**EVENT time: 1878.220703, type: 2, fromlayer3 entity: 0**

In A\_input

Packet is Corrupted.

**EVENT time: 1881.573975, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 1883.594482, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 1

**TOLAYER3: packet being corrupted**

**EVENT time: 1888.061768, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 1

**EVENT time: 3512.483887, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**EVENT time: 3521.912354, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 2

**EVENT time: 3523.483887, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**TOLAYER3: packet being corrupted**

**EVENT time: 3529.375244, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 2

**EVENT time: 3532.502441, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**TOLAYER3: packet being corrupted**

**EVENT time: 3534.868896, type: 2, fromlayer3 entity: 0**

In A\_input

Ignore this input because already get ack.

**EVENT time: 3618.799316, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**TOLAYER3: packet being lost**

**EVENT time: 3629.799316, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 3636.048340, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 3

**EVENT time: 3637.529053, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 3

**EVENT time: 3793.004639, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**EVENT time: 3799.365234, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 4

**TOLAYER3: packet being lost**

**EVENT time: 3804.004639, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 3805.062988, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**TOLAYER3: packet being lost**

**EVENT time: 3815.004639, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 3820.278809, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**TOLAYER3: packet being lost**

**EVENT time: 3826.004639, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 3834.785889, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**TOLAYER3: packet being lost**

**EVENT time: 3837.004639, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**TOLAYER3: packet being lost**

**EVENT time: 3848.004639, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**TOLAYER3: packet being corrupted**

**EVENT time: 3852.823975, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**EVENT time: 3856.485840, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 4

**EVENT time: 4868.109375, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**EVENT time: 4869.386719, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 5

**TOLAYER3: packet being corrupted**

**EVENT time: 4875.004395, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 5

**EVENT time: 6697.612305, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**TOLAYER3: packet being corrupted**

**EVENT time: 6700.509766, type: 2, fromlayer3 entity: 1**

In B\_input

Packet is Corrupted.

**EVENT time: 6702.622559, type: 2, fromlayer3 entity: 0**

In A\_input

Packet is Corrupted.

**EVENT time: 6708.612305, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 6715.303711, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 6

**TOLAYER3: packet being corrupted**

**EVENT time: 6719.612305, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 6720.776367, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 6

**EVENT time: 6724.999023, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**EVENT time: 6726.703125, type: 2, fromlayer3 entity: 0**

In A\_input

Ignore this input because already get ack.

**EVENT time: 6915.028320, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**EVENT time: 6922.986328, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 7

**EVENT time: 6926.028320, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 6927.378906, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 7

**EVENT time: 6931.693359, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**TOLAYER3: packet being corrupted**

**EVENT time: 6938.390137, type: 2, fromlayer3 entity: 0**

In A\_input

Ignore this input because already get ack.

**EVENT time: 7031.407227, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**EVENT time: 7038.022949, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 8

**EVENT time: 7041.330078, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 8

**EVENT time: 8539.658203, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**TOLAYER3: packet being corrupted**

**EVENT time: 8541.171875, type: 2, fromlayer3 entity: 1**

In B\_input

Packet is Corrupted.

**TOLAYER3: packet being corrupted**

**EVENT time: 8542.269531, type: 2, fromlayer3 entity: 0**

In A\_input

Packet is Corrupted.

**EVENT time: 8550.658203, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**EVENT time: 8552.807617, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 9

**TOLAYER3: packet being corrupted**

**EVENT time: 8554.391602, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 9

**EVENT time: 9708.385742, type: 1, fromlayer5 entity: 0**

In A\_output

Sending a new Packet.

**EVENT time: 9713.632812, type: 2, fromlayer3 entity: 1**

In B\_input

Get Message Successfully, Total Successful: 10

**TOLAYER3: packet being corrupted**

**EVENT time: 9719.385742, type: 0, timerinterrupt entity: 0**

In A\_timerinterrupt

Retransmit Packet

**TOLAYER3: packet being corrupted**

**EVENT time: 9722.576172, type: 2, fromlayer3 entity: 0**

In A\_input

Get Ack Successfully. Total Acknowledgment: 10

**EVENT time: 9728.708008, type: 2, fromlayer3 entity: 1**

In B\_input

Ignore this message because already get this message.

**TOLAYER3: packet being corrupted**

**EVENT time: 9731.704102, type: 2, fromlayer3 entity: 0**

In A\_input

Ignore this input because already get ack.

**Simulator terminated at time 9731.704102**

**after sending 10 msgs from layer5**