

----- Network Simulator Version 2.3 -----

Enter the number of messages to simulate: Packet loss probability [enter number between 0.0 and 1.0]: Packet corruption probability [0.0 for no corruption]: Packet out-of-order probability [0.0 for no out-of-order]: Average time between messages from sender's layer5 [> 0.0]: Enter Level of tracing desired: Do you want actions randomized: (1 = yes, 0 = no)? Do you want Bidirectional: (1 = yes, 0 = no)? Input parameters:
Number of Messages = 50 Lost Packet Prob. = 0.200
Corrupt Packet Prob. = 0.200 Out Of Order Prob. = 0.200
Ave. time between messages = 1000.00 Trace level = 2
Randomize = 1 Bi-directional = 0

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A: 1702.0186, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
B: 1712.5912, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
A: 3528.0153, Layer 5 to 4 Message = ##i.Qt9)!Eh-Ps8[~Dg,
B: 3553.8600, Layer 4 to 5 Message = ##i.Qt9)!Eh-Ps8[~Dg,
A: 3596.9815, Layer 5 to 4 Message = $X$d:oFzQ(]3h>sJ~U,a
B: 3700.3456, Layer 4 to 5 Message = $X$d:oFzQ(]3h>sJ~U,a
A: 4067.5162, Layer 5 to 4 Message = %kS%$jR:#iQ9!hP8~gO7
B: 4295.4541, Layer 4 to 5 Message = %kS%$jR:#iQ9!hP8~gO7
A: 4633.1732, Layer 5 to 4 Message = &}wq&e_XRLF?93-~xrl
B: 4635.5581, Layer 4 to 5 Message = &}wq&e_XRLF?93-~xrl
A: 5924.3414, Layer 5 to 4 Message = '2=IT'kv$x:FQ]hs~,7C
B: 5946.5545, Layer 4 to 5 Message = '2=IT'kv$x:FQ]hs~,7C
A: 6418.2998, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
B: 6426.8910, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw
A: 7278.5942, Layer 5 to 4 Message = dW(V'U&)%S$R2Q!P~O}N
B: 7383.2631, Layer 4 to 5 Message = dW(V'U&)%S$R2Q!P~O}N
A: 7436.0296, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
B: 7450.4756, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%
A: 7844.8433, Layer 5 to 4 Message = +fpdWK>2&+k_RF3~~rfY
B: 7875.7862, Layer 4 to 5 Message = +fpdWK>2&+k_RF3~~rfY
A: 9322.9988, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
B: 9332.8545, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
A: 10365.6160, Layer 5 to 4 Message = -DZq*AWn'=T-$:Qh~7Ne
B: 10387.3727, Layer 4 to 5 Message = -DZq*AWn'=T-$:Qh~7Ne
A: 10722.1047, Layer 5 to 4 Message = .V~Iq;d.V~Iq.d.V~Iq;
B: 10926.2043, Layer 4 to 5 Message = .V~Iq;d.V~Iq.d.V~Iq;
A: 11222.7135, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
B: 11233.0566, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p
A: 13154.2764, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~LYG
B: 13171.4187, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~LYG
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Printing the contents of the Simulation Event Q
Event Time = 13254.276 A: Timer
Event Time = 14507.688 A: LAYER 5

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Event Time = 13454.276 A: Timer

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A: 14507.6879, Layer 5 to 4 Message = 10x.-, +*) ('&\$\$#1~}||{

Printing the contents of the Simulation Event Q

Event Time = 14607.688 A: Timer

Event Time = 16069.246 A: LAYER 5

B: 14527.1061, Layer 4 to 5 Message = 10x.-, +*) ('&\$\$#1~}||{
A: 16069.2460, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR
B: 16189.5438, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR
A: 17811.6237, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
B: 17839.5831, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)
A: 18379.3617, Layer 5 to 4 Message = 4f=qGzP&Yxc8lB3K~T4^
B: 18497.9930, Layer 4 to 5 Message = 4f=qGzP&Yxc8lB3K~T4^
A: 19393.3943, Layer 5 to 4 Message = 5zbI0u]D+pW>&kR9~fM5
B: 19423.5712, Layer 4 to 5 Message = 5zbI0u]D+pW>&kR9~fM5
A: 20890.0830, Layer 5 to 4 Message = 6x(~wpibZSLE=6x(~wpi
B: 20910.7226, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi
A: 22640.9382, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5?
B: 22648.4972, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5?
A: 23943.9062, Layer 5 to 4 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt
B: 23966.0379, Layer 4 to 5 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt
A: 24825.8962, Layer 5 to 4 Message = 9g693a0^-Z*W'T\$Q~N{K
B: 24846.5599, Layer 4 to 5 Message = 9g693a0^-Z*W'T\$Q~N{K
A: 26585.4496, Layer 5 to 4 Message = :yZ;:[<{]=|^>}_?~`A!
B: 26594.6630, Layer 4 to 5 Message = :yZ;:[<{]=|^>}_?~`A!
A: 26912.1397, Layer 5 to 4 Message = ;.~qd;I;.~qdVI;.~qdV
B: 26937.3970, Layer 4 to 5 Message = ;.~qd;I;.~qdVI;.~qdV
A: 27932.2482, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrVz~%)-
B: 27951.4705, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrVz~%)-
A: 28973.9471, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb
B: 28995.6269, Layer 4 to 5 Message = =fi~6Lb=xEZp(=3i~6Lb
A: 30388.4603, Layer 5 to 4 Message = dfxV}Gn7>(Ov2g0W~Ho8
B: 30595.7747, Layer 4 to 5 Message = dfxV}Gn7>(Ov2g0W~Ho8
A: 31092.5751, Layer 5 to 4 Message = ?xS.gBzU0?D|W2kF~Y4m
A: 31100.1624, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD
B: 31117.3015, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m
B: 31640.6051, Layer 4 to 5 Message = A-wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 31706.714 A: LAYER 5
Event Time = 31730.941 A: Timer

Printing the contents of the Simulation Event Q

A: 31706.7136, Layer 5 to 4 Message = B?=:97531x-B)'%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 31806.714 A: Timer
Event Time = 33528.031 A: LAYER 5

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Printing the contents of the Simulation Event Q

Event Time = 31906.714 A: Timer
Event Time = 33528.031 A: LAYER 5

B: 31814.4391, Layer 4 to 5 Message = B?=:97531x-B)'%#~|zx
A: 33528.0314, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?O
B: 33750.4116, Layer 4 to 5 Message = CRbq#2BQap!1CP`o~0?O
A: 34531.4238, Layer 5 to 4 Message = De(Ij-No2St7XD<^~Bc&
B: 34542.1979, Layer 4 to 5 Message = De(Ij-No2St7XD<^~Bc&
A: 35532.0462, Layer 5 to 4 Message = EwL~S(Zxb6i=pEEL~S(Z
B: 35539.2392, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z
A: 37256.3000, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1
B: 37362.3922, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1
A: 39145.7628, Layer 5 to 4 Message = Gf6.&{skcZRJB93)Gvnf
B: 39151.1802, Layer 4 to 5 Message = Gf6.&{skcZRJB93)Gvnf
A: 39157.6602, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3<
B: 39191.9201, Layer 4 to 5 Message = HQZdmv!+4=GPYclu~H3<
A: 40218.4931, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;Iq
B: 40222.6001, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;Iq
A: 41933.9523, Layer 5 to 4 Message = JvEq?l:g5b0]+W&R~MyJ
B: 41957.8078, Layer 4 to 5 Message = JvEq?l:g5b0]+W&R~MyJ
A: 43851.3481, Layer 5 to 4 Message = K+iI)gG'eE%cC#aA~>|
B: 43857.1201, Layer 4 to 5 Message = K+iI)gG'eE%cC#aA~>|
A: 45602.5979, Layer 5 to 4 Message = LLx~pbSE6(wiZL=x~pbS
B: 45620.8948, Layer 4 to 5 Message = LLx~pbSE6(wiZL=x~pbS
A: 46912.6262, Layer 5 to 4 Message = dPMVY]`cfilo2ux{~\$'*
B: 46935.7293, Layer 4 to 5 Message = dPMVY]`cfilo2ux{~\$'*
A: 46959.0631, Layer 5 to 4 Message = NcwNCWl#7Lau,AUj~5J_
B: 47159.4719, Layer 4 to 5 Message = NcwNCWl#7Lau,AUj~5J_
A: 47333.6658, Layer 5 to 4 Message = Ou=dORxAgxU{Dj2X~Gm5
B: 47340.1224, Layer 4 to 5 Message = Ou=dORxAgxU{Dj2X~Gm5
A: 48606.3373, Layer 5 to 4 Message = Pfb;sP'~8pJ\$[53G~X2j
B: 48619.9515, Layer 4 to 5 Message = Pfb;sP'~8pJ\$[53G~X2j
A: 48878.4454, Layer 5 to 4 Message = Q<(q]HQ|hS>*s_J5~jUA
B: 48879.6563, Layer 4 to 5 Message = Q<(q]HQ|hS>*s_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 48978.445 A: Timer
Event Time = 50351.564 A: LAYER 5

Printing the contents of the Simulation Event Q

A: 50351.5635, Layer 5 to 4 Message = ROLIFC?R9630-*'\$~{xu

Printing the contents of the Simulation Event Q

Event Time = 50451.564 A: Timer
Event Time = 52331.888 A: LAYER 5

B: 50361.7935, Layer 4 to 5 Message = ROLIFC?R9630-*'\$~{xu
A: 52331.8876, Layer 5 to 4 Message = Sbp~x=LZSw(6ESbp~x=L
B: 52338.9166, Layer 4 to 5 Message = Sbp~x=LZSw(6ESbp~x=L
A: 52441.5921, Layer 5 to 4 Message = dt6Vv8Xx:Tz<2|>_~Aa#
B: 52567.5971, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>_~Aa#

Simulator terminated at time 52576.314851
after receiving 50 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 50
Number of messages received at Layer 5, side A: 0
Number of messages received at Layer 5, side B: 50
Number of messages incorrectly received at layer 5: 0
Number of packets entering the network: 154
Average number of packets already in network: 0.000
Number of packets that the network lost: 22
Number of packets that the network corrupted: 23
Number of packets that the network put out of order: 33