

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

Enter the number of messages to simulate: 100
Packet loss probability [enter number between 0.0 and 1.0]: 0.1
Packet corruption probability [0.0 for no corruption]: 0.2
Packet out-of-order probability [0.0 for no out-of-order]: 0
Average time between messages from sender's layer5 [> 0.0]: 1000
Enter Level of tracing desired: 2
Do you want actions randomized: (1 = yes, 0 = no)? 0
Do you want Bidirectional: (1 = yes, 0 = no)? 0
Input parameters:
Number of Messages = 100 Lost Packet Prob. = 0.100
Corrupt Packet Prob. = 0.200 Out Of Order Prob. = 0.000
Ave. time between messages = 1000.00 Trace level = 2
Randomize = 0 Bi-directional = 0

A: 1080.0336, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
B: 1088.3078, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
A: 1204.7785, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg,
A: 1261.9993, Layer 5 to 4 Message = \$X\$d:oFzQ(j3h>sJ~U,a
B: 1531.3205, Layer 4 to 5 Message = ##i.Qt9]!Eh-Ps8[~Dg,
B: 1554.4227, Layer 4 to 5 Message = \$X\$d:oFzQ(j3h>sJ~U,a
A: 2972.9533, Layer 5 to 4 Message = %kS%\$jR:#iQ9!hP8~gO7
B: 2997.3244, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7
A: 4038.2513, Layer 5 to 4 Message = &}wq&e_XRLF?93-'~xrl
B: 4045.4487, Layer 4 to 5 Message = &}wq&e_XRLF?93-'~xrl
A: 5828.4769, Layer 5 to 4 Message = '2=IT'kv\$X:FQ]hs~,7C
B: 5829.4809, Layer 4 to 5 Message = '2=IT'kv\$X:FQ]hs~,7C
A: 6033.6766, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
A: 6113.4366, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~O}N
B: 6262.0720, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw
B: 6478.2031, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N
A: 8007.2317, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
B: 8232.5387, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%
A: 9489.5900, Layer 5 to 4 Message = +fpdWK>2&+k_RF3~~rfY
B: 9508.8457, Layer 4 to 5 Message = +fpdWK>2&+k_RF3~~rfY
A: 11062.6712, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
B: 11081.7606, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
A: 12657.0860, Layer 5 to 4 Message = -DZq*AWn'=T-\$:Qh~7Ne
B: 12674.7260, Layer 4 to 5 Message = -DZq*AWn'=T-\$:Qh~7Ne
A: 14069.9369, Layer 5 to 4 Message = .V~Iq;d.V~Iq.d.V~Iq;
B: 14079.1683, Layer 4 to 5 Message = .V~Iq;d.V~Iq.d.V~Iq;
A: 15106.5910, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
B: 15137.0870, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p
A: 16862.4555, Layer 5 to 4 Message = d{iVD1ljWE2}2X03~IYG
B: 16868.4401, Layer 4 to 5 Message = d{iVD1ljWE2}2X03~IYG

A: 18160.5521, Layer 5 to 4 Message = 10x.-,+)('&%\$#1~}||{
 B: 18567.1389, Layer 4 to 5 Message = 10x.-,+)('&%\$#1~}||{
 A: 18834.9780, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR
 B: 19061.8525, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR
 A: 20030.3056, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
 B: 20048.3116, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)
 A: 20884.2628, Layer 5 to 4 Message = 4f=qGzP&Yxc8lB3K~T4^
 A: 21263.6377, Layer 5 to 4 Message = 5zbI0u]D+pW>&kR9~fM5
 B: 21296.2841, Layer 4 to 5 Message = 4f=qGzP&Yxc8lB3K~T4^
 B: 21513.1153, Layer 4 to 5 Message = 5zbI0u]D+pW>&kR9~fM5
 A: 22430.4778, Layer 5 to 4 Message = 6x(~wpibZSLE=6x(~wpi
 B: 22435.9147, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi
 A: 23231.8106, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5?
 B: 23250.1469, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5?
 A: 24374.0094, Layer 5 to 4 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt
 B: 24598.9921, Layer 4 to 5 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt
 A: 24694.4110, Layer 5 to 4 Message = 9g693a0^-Z*W'T\$Q~N{K
 B: 24906.1222, Layer 4 to 5 Message = 9g693a0^-Z*W'T\$Q~N{K
 A: 26380.1116, Layer 5 to 4 Message = :yZ;:[<{]=|^>}_?~`A!
 B: 26399.6687, Layer 4 to 5 Message = :yZ;:[<{]=|^>}_?~`A!
 A: 27702.1532, Layer 5 to 4 Message = ;.~qd;I;.~qdVI;.~qdV
 B: 27931.6333, Layer 4 to 5 Message = ;.~qd;I;.~qdVI;.~qdV
 A: 29045.1745, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrVz~%)-
 B: 29049.5995, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrVz~%)-
 A: 30736.7197, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb
 B: 30749.0549, Layer 4 to 5 Message = =fi~6Lb=xEZp(=3i~6Lb
 A: 32444.1429, Layer 5 to 4 Message = dfxV}Gn7>(Ov2g0W~Ho8
 B: 32447.4310, Layer 4 to 5 Message = dfxV}Gn7>(Ov2g0W~Ho8
 A: 33057.3042, Layer 5 to 4 Message = ?xS.gBzU0?D|W2kF~Y4m
 B: 33068.1139, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m
 A: 34022.0591, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD
 B: 34034.6375, Layer 4 to 5 Message = A-wdP<)s`LA%o[H4~kWD
 A: 35138.8194, Layer 5 to 4 Message = B?=:97531x-B)%#~|zx
 B: 35147.6701, Layer 4 to 5 Message = B?=:97531x-B)%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 35338.819 A: Timer

Event Time = 36101.313 A: LAYER 5

Printing the contents of the Simulation Event Q

A: 36101.3125, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?O

Printing the contents of the Simulation Event Q

Event Time = 36301.313 A: Timer

Event Time = 37013.338 A: LAYER 5

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Event Time = 37013.338 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 37013.338 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 36501.313 A: Timer

Event Time = 37013.338 A: LAYER 5

B: 36308.3326, Layer 4 to 5 Message = CRbq#2BQap!1CP`o~0?O
A: 37013.3379, Layer 5 to 4 Message = De(Ij-No2St7XD<^~Bc&
B: 37026.1452, Layer 4 to 5 Message = De(Ij-No2St7XD<^~Bc&
A: 37968.8616, Layer 5 to 4 Message = EwL~S(Zxb6i=pEEL~S(Z
B: 37978.4113, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z
A: 38562.9691, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1
B: 38589.5660, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1
A: 39886.5455, Layer 5 to 4 Message = Gf6.&{skcZRJB93)Gvnf
B: 39898.3499, Layer 4 to 5 Message = Gf6.&{skcZRJB93)Gvnf
A: 40667.6356, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3<
B: 40670.3363, Layer 4 to 5 Message = HQZdmv!+4=GPYclu~H3<
A: 41080.5432, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;Iq
B: 41109.3887, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;Iq
A: 42764.4734, Layer 5 to 4 Message = JvEq?l:g5b0]+W&R~MyJ
B: 42974.5832, Layer 4 to 5 Message = JvEq?l:g5b0]+W&R~MyJ
A: 43134.7955, Layer 5 to 4 Message = K+iI)gG'eE%cC#aA~>|
B: 43161.2971, Layer 4 to 5 Message = K+iI)gG'eE%cC#aA~>|
A: 43592.7504, Layer 5 to 4 Message = LLx~pbSE6(wiZL=x~pbS
B: 43799.4966, Layer 4 to 5 Message = LLx~pbSE6(wiZL=x~pbS
A: 44364.3042, Layer 5 to 4 Message = dPMVY]`cfilo2ux{~\$'*
B: 44566.2443, Layer 4 to 5 Message = dPMVY]`cfilo2ux{~\$'*
A: 45906.1706, Layer 5 to 4 Message = NcwNCWl#7Lau,AUj~5J_
B: 45917.4883, Layer 4 to 5 Message = NcwNCWl#7Lau,AUj~5J_
A: 47600.6735, Layer 5 to 4 Message = Ou=dORxAgxU{Dj2X~Gm5
B: 47604.5556, Layer 4 to 5 Message = Ou=dORxAgxU{Dj2X~Gm5
A: 48592.1629, Layer 5 to 4 Message = Pfb;sP'_8pJ\$[53G~X2j
B: 48595.1912, Layer 4 to 5 Message = Pfb;sP'_8pJ\$[53G~X2j
A: 49995.4611, Layer 5 to 4 Message = Q<(q]HQ|hS>*s_J5~jUA
B: 50022.8857, Layer 4 to 5 Message = Q<(q]HQ|hS>*s_J5~jUA
A: 50556.6464, Layer 5 to 4 Message = ROLIFC?R9630-*'\$~{xu

B: 50762.2065, Layer 4 to 5 Message = ROLIFC?R9630-*\$~{xu
 A: 51048.4725, Layer 5 to 4 Message = Sbp~x=LZSw(6ESbp~x=L
 B: 51062.8020, Layer 4 to 5 Message = Sbp~x=LZSw(6ESbp~x=L
 A: 52528.1500, Layer 5 to 4 Message = dt6Vv8Xx:Tz<2|>_~Aa#
 B: 52544.0376, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>_~Aa#
 A: 53144.0269, Layer 5 to 4 Message = U)Z.`3e8j=UCtHyM~R&W
 B: 53154.4120, Layer 4 to 5 Message = U)Z.`3e8j=UCtHyM~R&W
 A: 54008.7592, Layer 5 to 4 Message = V;~dI.qV;~dV.qV;~dI.
 B: 54014.1232, Layer 4 to 5 Message = V;~dI.qV;~dV.qV;~dI.
 A: 55652.6792, Layer 5 to 4 Message = WNE;2)}tkbXOW<3*~ulc
 B: 55680.3401, Layer 4 to 5 Message = WNE;2)}tkbXOW<3*~ulc
 A: 56884.8685, Layer 5 to 4 Message = Xaiqy\$,4<EMU^Xnv~)19
 B: 56913.6206, Layer 4 to 5 Message = Xaiqy\$,4<EMU^Xnv~)19
 A: 58845.8260, Layer 5 to 4 Message = YfxIc|8Rl(B[u1Ye~:Tn
 B: 59048.6713, Layer 4 to 5 Message = YfxIc|8Rl(B[u1Ye~:Tn
 A: 60431.9858, Layer 5 to 4 Message = Z(S~LwEp=i6bxZ(Z~LwE
 B: 60441.1621, Layer 4 to 5 Message = Z(S~LwEp=i6bxZ(Z~LwE
 A: 62092.1704, Layer 5 to 4 Message = d:wV5rQ0mL+h2&cB[^<y
 A: 62095.4594, Layer 5 to 4 Message =]M=.|m^N>x}n_O?0~]'P
 B: 62111.6762, Layer 4 to 5 Message = d:wV5rQ0mL+h2&cB[^<y
 B: 62140.3655, Layer 4 to 5 Message =]M=.|m^N>x}n_O?0~]'P
 A: 62175.8189, Layer 5 to 4 Message = ^`bdfhjlnprtvxz|~#^'
 A: 62249.4790, Layer 5 to 4 Message = _r(;Ocv,?Sgz0DWk~4H_
 B: 62399.8762, Layer 4 to 5 Message = ^`bdfhjlnprtvxz|~#^'
 B: 62431.6537, Layer 4 to 5 Message = _r(;Ocv,?Sgz0DWk~4H_
 A: 63101.4900, Layer 5 to 4 Message = `Lq8^%Jo6[#Hm4Y~Fk2
 B: 63277.0846, Layer 4 to 5 Message = `Lq8^%Jo6[#Hm4Y~Fk2
 A: 64319.0400, Layer 5 to 4 Message = aapI!X1hAwP)`8oH~W0g
 B: 64336.9870, Layer 4 to 5 Message = aapI!X1hAwP)`8oH~W0g
 A: 65467.0387, Layer 5 to 4 Message = bLb~iS=(pZExwbL6~iS=
 B: 65475.7791, Layer 4 to 5 Message = bLb~iS=(pZExwbL6~iS=
 A: 66481.5365, Layer 5 to 4 Message = dfZcRNJFB=952-3%~zvr
 B: 66496.5604, Layer 4 to 5 Message = dfZcRNJFB=952-3%~zvr
 A: 66565.6891, Layer 5 to 4 Message = dq~.dIVdq~.;IVdq~.;I
 B: 66968.1525, Layer 4 to 5 Message = dq~.dIVdq~.;IVdq~.;I

Printing the contents of the Simulation Event Q

Event Time = 67165.689 A: Timer

Event Time = 67748.157 A: LAYER 5

Printing the contents of the Simulation Event Q

A: 67748.1572, Layer 5 to 4 Message = e&Ed%ec\$Cb#Ba!A`~?_}

Printing the contents of the Simulation Event Q

Event Time = 67948.157 A: Timer
Event Time = 68487.067 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 67948.157 A: Timer
Event Time = 68487.067 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 68487.067 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 68148.157 A: Timer
Event Time = 68487.067 A: LAYER 5

B: 67976.0037, Layer 4 to 5 Message = e&Ed%ec\$Cb#Ba!A`~?_}
A: 68487.0669, Layer 5 to 4 Message = f8i;l>fBrEuHxK{N~Q\$T
B: 68709.0568, Layer 4 to 5 Message = f8i;l>fBrEuHxK{N~Q\$T
A: 70051.6382, Layer 5 to 4 Message = gKxqU9{gD(jN2tX<~cG+
B: 70074.8584, Layer 4 to 5 Message = gKxqU9{gD(jN2tX<~cG+
A: 71338.0411, Layer 5 to 4 Message = h^SI>4*}hi_TJ?5+~tj`
B: 71352.5806, Layer 4 to 5 Message = h^SI>4*}hi_TJ?5+~tj`
A: 72669.0980, Layer 5 to 4 Message = ipw~(x6=EiSZbipw~(x6
B: 72698.5728, Layer 4 to 5 Message = ipw~(x6=EiSZbipw~(x6
A: 74421.8529, Layer 5 to 4 Message = d%=Vo*C[txja24Mf~9Rk
B: 74445.0393, Layer 4 to 5 Message = d%=Vo*C[txja24Mf~9Rk
A: 76064.6766, Layer 5 to 4 Message = k7b.X%OyFp<k3^*T~KuB
B: 76082.3812, Layer 4 to 5 Message = k7b.X%OyFp<k3^*T~KuB
A: 77313.9341, Layer 5 to 4 Message = lf(dB}[9uS1ml)3C~]:v
B: 77338.7988, Layer 4 to 5 Message = lf(dB}[9uS1ml)3C~]:v
A: 79157.9600, Layer 5 to 4 Message = m]L;+xhWG6&scmB1~n^M
B: 79582.2186, Layer 4 to 5 Message = m]L;+xhWG6&scmB1~n^M
A: 80110.1905, Layer 5 to 4 Message = nopqrstuvwxyz{n}~!#\$
B: 80114.7935, Layer 4 to 5 Message = nopqrstuvwxyz{n}~!#\$
A: 80253.0859, Layer 5 to 4 Message = o\$6I[n#5HZm!4GYo~3FX
A: 80373.1259, Layer 5 to 4 Message = p6Z~EixSw=b(Lp6ZpEix
A: 80819.8093, Layer 5 to 4 Message = dl~V.d;qI~V.2;qI~q.d
B: 80946.2146, Layer 4 to 5 Message = o\$6I[n#5HZm!4GYo~3FX
B: 81363.5856, Layer 4 to 5 Message = p6Z~EixSw=b(Lp6ZpEix
B: 81411.4582, Layer 4 to 5 Message = dl~V.d;qI~V.2;qI~q.d
A: 81874.2240, Layer 5 to 4 Message = r[E.u_H1xbK4{eN7~hr:
B: 81904.6837, Layer 4 to 5 Message = r[E.u_H1xbK4{eN7~hr:
A: 82854.3423, Layer 5 to 4 Message = snid_YTOJE?:50+&~yts
B: 82884.0318, Layer 4 to 5 Message = snid_YTOJE?:50+&~yts

A: 83590.6070, Layer 5 to 4 Message = t#x;HTAmy(4AMYfr~-9F
 B: 83597.5864, Layer 4 to 5 Message = t#x;HTAmy(4AMYfr~-9F
 A: 84011.9205, Layer 5 to 4 Message = uuSq1Om-Ki)Ge%3a~>]z
 B: 84013.5233, Layer 4 to 5 Message = uuSq1Om-Ki)Ge%3a~>]z
 A: 85721.1693, Layer 5 to 4 Message = vHvIxJyKzL{M|N}O~P!Q
 B: 85727.1468, Layer 4 to 5 Message = vHvIxJyKzL{M|N}O~P!Q
 A: 86688.1848, Layer 5 to 4 Message = wZ=wbE(iLxpS6wZ=~bE(
 B: 86693.7964, Layer 4 to 5 Message = wZ=wbE(iLxpS6wZ=~bE(
 A: 86732.1089, Layer 5 to 4 Message = dmbVx?4){peY2C7,~sh]
 B: 87141.8696, Layer 4 to 5 Message = dmbVx?4){peY2C7,~sh]
 A: 87259.2276, Layer 5 to 4 Message = y!(.4yAGMSY`flrx~'-3
 B: 87489.6759, Layer 4 to 5 Message = y!(.4yAGMSY`flrx~'-3
 A: 89196.1746, Layer 5 to 4 Message = z4Ld{5ze|6Nf}7Og~8Ph
 B: 89217.1780, Layer 4 to 5 Message = z4Ld{5ze|6Nf}7Og~8Ph
 A: 91182.9885, Layer 5 to 4 Message = {Gp;e0Y{NwCl7a,U~Js>
 B: 91406.6766, Layer 4 to 5 Message = {Gp;e0Y{NwCl7a,U~Js>
 A: 91611.2784, Layer 5 to 4 Message = |Y6qN+fC|Z7rO,gD~-[8s
 B: 91629.8024, Layer 4 to 5 Message = |Y6qN+fC|Z7rO,gD~-[8s
 A: 92275.5895, Layer 5 to 4 Message = }lZI7&raO},xgUD2~m[J
 B: 92305.7871, Layer 4 to 5 Message = }lZI7&raO},xgUD2~m[J
 A: 92699.4818, Layer 5 to 4 Message = ~fDUgx,=Oa~&7I3l}1CT
 B: 92729.4086, Layer 4 to 5 Message = ~fDUgx,=Oa~&7I3l}1CT
 A: 94680.9607, Layer 5 to 4 Message = !3EVhy->Pbs'2J[m~2DU
 B: 94683.1089, Layer 4 to 5 Message = !3EVhy->Pbs'2J[m~2DU
 A: 96254.0890, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg,
 B: 96277.4736, Layer 4 to 5 Message = ##i.Qt9]!Eh-Ps8[~Dg,
 A: 96872.1097, Layer 5 to 4 Message = \$X\$d:oFzQ(]3h>sJ~U,a
 B: 97096.4890, Layer 4 to 5 Message = \$X\$d:oFzQ(]3h>sJ~U,a
 A: 97479.9727, Layer 5 to 4 Message = %kS%\$jR:#iQ9!hP8~gO7
 B: 97710.0293, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7
 A: 98268.4633, Layer 5 to 4 Message = &}wq&e_XRLF?93-'~xrl
 B: 98288.7747, Layer 4 to 5 Message = &}wq&e_XRLF?93-'~xrl
 A: 98463.2156, Layer 5 to 4 Message = '2=IT'kv\$X:FQ]hs~,7C
 B: 98903.7753, Layer 4 to 5 Message = '2=IT'kv\$X:FQ]hs~,7C
 A: 99621.9817, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
 B: 99839.8881, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw

Printing the contents of the Simulation Event Q

Event Time = 100303.460 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 100221.982 A: Timer

Event Time = 100303.460 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 100221.982 A: Timer
Event Time = 100303.460 A: LAYER 5

Printing the contents of the Simulation Event Q

A: 100303.4599, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~O}N

Printing the contents of the Simulation Event Q
Event Time = 100503.460 A: Timer
Event Time = 101005.334 A: LAYER 5

B: 100307.6702, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N

A: 101005.3339, Layer 5 to 4 Message = *fL.nP2r*6vX:z3>~aC%

B: 101007.7704, Layer 4 to 5 Message = *fL.nP2r*6vX:z3>~aC%

Simulator terminated at time 101028.701415
after receiving 100 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 100

Number of messages received at Layer 5, side A: 0

Number of messages received at Layer 5, side B: 100

Number of messages incorrectly received at layer 5: 0

Number of packets entering the network: 333

Average number of packets already in network: 0.000

Number of packets that the network lost: 32

Number of packets that the network corrupted: 57

Number of packets that the network put out of order: 0