

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

Input parameters:

Number of Messages = 30 Lost Packet Prob. = 0.200

Corrupt Packet Prob. = 0.200 Out Of Order Prob. = 0.000

Ave. time between messages = 10.00 Trace level = 2

Randomize = 1 Bi-directional = 0

A: 9.7649, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
B: 11.5597, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
A: 28.9736, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg,
A: 30.1281, Layer 5 to 4 Message = \$X\$d:oFzQ([3h>sJ~U,a
A: 30.9022, Layer 5 to 4 Message = %kS%\$jR:#iQ9!hP8~gO7
A: 48.8237, Layer 5 to 4 Message = &}wq&e_XRLF?93-'~xrl
A: 68.0594, Layer 5 to 4 Message = '2=IT'kv\$x:FQ]hs~,7C
A: 72.8823, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
A: 81.6903, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~O}N
A: 94.9297, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
A: 98.3387, Layer 5 to 4 Message = +fpdWK>2&+k_RF3~rfY
A: 112.3550, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
A: 125.3026, Layer 5 to 4 Message = -DZq*AWn'=T-\$:Qh~7Ne
A: 131.3987, Layer 5 to 4 Message = .V~lq;d.V~lq.d.V~lq;
A: 148.1414, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
A: 166.2597, Layer 5 to 4 Message = d{iVD1ljWE2}2X03~IYG
A: 171.5800, Layer 5 to 4 Message = 10x.-,+)('&%\$#1~)}{
A: 189.0125, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^'n21BR
A: 198.2173, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
A: 202.8070, Layer 5 to 4 Message = 4f=qGzP&Yxc8IB3K~T4^
A: 221.3070, Layer 5 to 4 Message = 5zbl0u]D+pW>&kR9~fM5
A: 231.2292, Layer 5 to 4 Message = 6x(~wpibZSLE=6x(~wpi
A: 234.2587, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5?
A: 250.0436, Layer 5 to 4 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt
A: 267.4476, Layer 5 to 4 Message = 9g693a0^-Z*W'T\$Q~N{K
A: 275.5064, Layer 5 to 4 Message = :yZ;:[<[|=|^>}_?~`A!
A: 280.4640, Layer 5 to 4 Message = ;.~qd;l;.~qdVI;.~qdV
A: 282.5445, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrzv~%)-
A: 290.6355, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb
A: 294.5162, Layer 5 to 4 Message = dfxV}Gn7>(Ov2g0W~Ho8
A: 298.1653, Layer 5 to 4 Message = ?xS.gBzU0?D]W2kF~Y4m
A: 308.2941, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD
A: 323.5671, Layer 5 to 4 Message = B?=:97531x-B)'%#~|zx
A: 336.5630, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?O
A: 338.7457, Layer 5 to 4 Message = De(lj-No2St7XD<^~Bc&

A: 342.5276, Layer 5 to 4 Message = EwL~S(Zxb6i=pEEL~S(Z
B: 20162.6390, Layer 4 to 5 Message = ###i.Qt9]!Eh-Ps8[~Dg,
B: 50165.3505, Layer 4 to 5 Message = \$X\$d:oFzQ(J3h>sJ~U,a
B: 50177.6305, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7
B: 50204.1052, Layer 4 to 5 Message = &}wq&e_XRLF?93-'~xrl
B: 50224.0093, Layer 4 to 5 Message = '2=IT'kv\$x:FQ]hs~,7C
B: 80225.4990, Layer 4 to 5 Message = (Eb~=Z(6SpLi(Eb~=Zw
B: 80254.5834, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N
B: 80272.9724, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%

Printing the contents of the Simulation Event Q

Event Time = 80289.038 B: LAYER 3 Seq/Ack/Check = 9/0/1744647852:
+fpdWK>2&+k_RF3~rFY
Event Time = 80294.781 A: LAYER 3 Seq/Ack/Check = 7/1/-219940217:
dW(V'U&)%S\$R2Q!P~O}N
Event Time = 80295.085 B: LAYER 3 Seq/Ack/Check = 11/0/-1472812792:
-DZq*AWn'=T-\$:Qh~7Ne
Event Time = 80307.037 B: LAYER 3 Seq/Ack/Check = 12/0/-943157472: .V~lq;d.V~lq.d.V~lq;
Event Time = 80307.393 A: LAYER 3 Seq/Ack/Check = 8/1/1562278328:
*jL.nP2r*6vX:z]>~aC%
Event Time = 80314.505 B: LAYER 3 Seq/Ack/Check = 13/0/1457965295:
xiE~Z6pL(b=wSxiE~Z6p
Event Time = 80331.475 B: LAYER 3 Seq/Ack/Check = 14/0/-475201036:
d{iVD1jjWE2}2X03~IYG
Event Time = 80352.376 B: LAYER 3 Seq/Ack/Check = 15/0/-30270197: 10x.-,+*)('&%\$#1~){
Event Time = 80362.375 B: LAYER 3 Seq/Ack/Check = 16/0/1883857018:
2CSdt'7HXiy,<M^'n21BR
Event Time = 80373.825 B: LAYER 3 Seq/Ack/Check = 17/0/-1807835223:
3Uw;^!Df*Ln2Tv:]~3e)
Event Time = 80392.435 B: LAYER 3 Seq/Ack/Check = 18/0/-414472489:
4f=qGzP&Yxc8IB3K~T4^
Event Time = 80423.429 B: LAYER 3 Seq/Ack/Check = 19/0/1103044692:
5zbl0u]D+pW>&kR9~fM5
Event Time = 80445.579 B: LAYER 3 Seq/Ack/Check = 20/0/2028775087:
6x(~wpibZSLE=6♦(~wpi
Event Time = 80456.850 B: LAYER 3 Seq/Ack/Check = 21/0/-1263186528:
d7LVaku!,6AK2`jt~+5?
Event Time = 80472.967 B: LAYER 3 Seq/Ack/Check = 22/0/-1470668016:
8T8.Jf\$?[w5Qm+Gc~<Xt
Event Time = 80496.110 B: LAYER 3 Seq/Ack/Check = 24/0/740810096: :yZ;:[<[|=|^>}_?~`A!
Event Time = 80506.363 B: LAYER 3 Seq/Ack/Check = 25/0/-1475983375:
;~qd;l;~qdVI;~qdV

Event Time = 80512.623 B: LAYER 3 Seq/Ack/Check = 26/0/1319987581:
<AEIMQ<Y^bfjnrz~%-
Event Time = 80514.791 B: LAYER 3 Seq/Ack/Check = 27/0/1854234234:
=fi~6Lb=xEZp(=3i~6Lb
Event Time = 80541.494 B: LAYER 3 Seq/Ack/Check = 29/0/-478830668:
?xS.gBzU0?D|W2kF~Y4m
Event Time = 80559.381 B: LAYER 3 Seq/Ack/Check = 33/0/-632244004:
De(lj-No2St7XD<^~Bc&
Event Time = 80567.206 B: LAYER 3 Seq/Ack/Check = 34/0/1711130266:
EwL~S(Zxb6i=pEEL~S(Z
Event Time = 90142.976 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 80294.781 A: LAYER 3 Seq/Ack/Check = 7/1/-219940217:
dW(V'U&)%S\$R2Q!P~O}N
Event Time = 80295.085 B: LAYER 3 Seq/Ack/Check = 11/0/-1472812792:
-DZq*AWn'=T-\$:Qh~7Ne
Event Time = 80307.037 B: LAYER 3 Seq/Ack/Check = 12/0/-943157472: .V~lq;d.V~lq.d.V~lq;
Event Time = 80307.393 A: LAYER 3 Seq/Ack/Check = 8/1/1562278328:
*jL.nP2r*6vX:z]>~aC%
Event Time = 80314.505 B: LAYER 3 Seq/Ack/Check = 13/0/1457965295:
xiE~Z6pL(b=wSxiE~Z6p
Event Time = 80331.475 B: LAYER 3 Seq/Ack/Check = 14/0/-475201036:
d{iVD1|jWE2}2X03~IYG
Event Time = 80352.376 B: LAYER 3 Seq/Ack/Check = 15/0/-30270197: 10x.-,+*)('&%\$#1~}{
Event Time = 80362.375 B: LAYER 3 Seq/Ack/Check = 16/0/1883857018:
2CSdt'7HXiy,<M^'n21BR
Event Time = 80373.825 B: LAYER 3 Seq/Ack/Check = 17/0/-1807835223:
3Uw;^!Df*Ln2Tv:]~3e)
Event Time = 80392.435 B: LAYER 3 Seq/Ack/Check = 18/0/-414472489:
4f=qGzP&Yxc8lB3K~T4^
Event Time = 80423.429 B: LAYER 3 Seq/Ack/Check = 19/0/1103044692:
5zbl0u]D+pW>&kR9~fM5
Event Time = 80445.579 B: LAYER 3 Seq/Ack/Check = 20/0/2028775087:
6x(~wpibZSLE=6♦(~wpi
Event Time = 80456.850 B: LAYER 3 Seq/Ack/Check = 21/0/-1263186528:
d7LVaku!,6AK2`jt~+5?
Event Time = 80472.967 B: LAYER 3 Seq/Ack/Check = 22/0/-1470668016:
8T8.Jf\$?[w5Qm+Gc~<Xt
Event Time = 80496.110 B: LAYER 3 Seq/Ack/Check = 24/0/740810096: :yZ;:[<[|=|^>}_?~`A!
Event Time = 80506.363 B: LAYER 3 Seq/Ack/Check = 25/0/-1475983375:
;~qd;l;~qdVl;~qdV

Event Time = 80512.623 B: LAYER 3 Seq/Ack/Check = 26/0/1319987581:
<AEIMQ<Y^bfjnrVz~%-
Event Time = 80514.791 B: LAYER 3 Seq/Ack/Check = 27/0/1854234234:
=fi~6Lb=xEZp(=3i~6Lb
Event Time = 80541.494 B: LAYER 3 Seq/Ack/Check = 29/0/-478830668:
?xS.gBzU0?D|W2kF~Y4m
Event Time = 80559.381 B: LAYER 3 Seq/Ack/Check = 33/0/-632244004:
De(lj-No2St7XD<^~Bc&
Event Time = 80567.206 B: LAYER 3 Seq/Ack/Check = 34/0/1711130266:
EwL~S(Zxb6i=pEEL~S(Z
Event Time = 90142.976 A: Timer

B: 80289.0384, Layer 4 to 5 Message = +fpdWK>2&+k_RF3~rfY
B: 90266.8431, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
B: 90281.8293, Layer 4 to 5 Message = -DZq*AWn'=T-\$:Qh~7Ne
B: 100323.6151, Layer 4 to 5 Message = .V~lq;d.V~lq.d.V~lq;
B: 100353.6777, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p
B: 100376.2058, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~IYG
B: 100403.6814, Layer 4 to 5 Message = 10x.-,+*)('&%\$#1~}{
B: 100424.5658, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^N21BR
B: 110387.5401, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)
B: 110418.5240, Layer 4 to 5 Message = 4f=qGzP&Yxc8IB3K~T4^

Printing the contents of the Simulation Event Q

Event Time = 110438.072 B: LAYER 3 Seq/Ack/Check = 19/0/1103044692:
5zbl0u]D+pW>&kR9~fM5
Event Time = 110444.718 B: LAYER 3 Seq/Ack/Check = 20/0/-538138961:
6x(~wpibZSLE=6x(~wpi
Event Time = 110469.667 B: LAYER 3 Seq/Ack/Check = 21/0/-1263186528:
d7LVaku!,6AK2`jt~+5?
Event Time = 110483.587 B: LAYER 3 Seq/Ack/Check = 22/0/-1470668016:
8T8.Jf\$?[w5Qm+Gc~<Xt
Event Time = 110503.310 B: LAYER 3 Seq/Ack/Check = 23/0/1694543215:
9g693a0^~Z*W'T\$Q~N{K
Event Time = 110523.576 B: LAYER 3 Seq/Ack/Check = 24/0/740810096: :yZ;:[<[]=|^>}_?~`A!
Event Time = 110526.266 B: LAYER 3 Seq/Ack/Check = 771751961/0/-1475983375:
;~qd;l;~qdVl;~qdV
Event Time = 110543.532 B: LAYER 3 Seq/Ack/Check = 26/0/1319987581:
<AEIMQ<Y^bfjnrVz~%-
Event Time = 110547.707 B: LAYER 3 Seq/Ack/Check = 27/0/1854234234:
=fi~6Lb=xEZp(=3i~6Lb
Event Time = 110578.205 B: LAYER 3 Seq/Ack/Check = 29/0/-478830668:
?xS.gBzU0?D|W2kF~Y4m

Event Time = 110606.266 B: LAYER 3 Seq/Ack/Check = 30/0/-1275239491:
A-wdP<)s`LA%o[H4~kWD
Event Time = 110635.545 B: LAYER 3 Seq/Ack/Check = 31/0/1941334950:
B?=:97531x-B)'%#~|zx
Event Time = 110664.985 B: LAYER 3 Seq/Ack/Check = 33/0/-632244004:
De(lj-No2St7XD<^~Bc&
Event Time = 110670.366 B: LAYER 3 Seq/Ack/Check = 34/7864320/1711130266:
EwL~S(Zb6i=pEEL~S(Z
Event Time = 120142.976 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 110444.718 B: LAYER 3 Seq/Ack/Check = 20/0/-538138961:
6x(~wpibZSLE=6x(~wpi
Event Time = 110469.667 B: LAYER 3 Seq/Ack/Check = 21/0/-1263186528:
d7LVaku!,6AK2`jt~+5?
Event Time = 110483.587 B: LAYER 3 Seq/Ack/Check = 22/0/-1470668016:
8T8.Jf\$?[w5Qm+Gc~<Xt
Event Time = 110503.310 B: LAYER 3 Seq/Ack/Check = 23/0/1694543215:
9g693a0^~Z*W'T\$Q~N{K
Event Time = 110523.576 B: LAYER 3 Seq/Ack/Check = 24/0/740810096: :yZ;:[<[]=|^>}_?~`A!
Event Time = 110526.266 B: LAYER 3 Seq/Ack/Check = 771751961/0/-1475983375:
;.~qd;l;~qdVl;~qdV
Event Time = 110543.532 B: LAYER 3 Seq/Ack/Check = 26/0/1319987581:
<AEIMQ<Y^bfjnrVz~%)~
Event Time = 110547.707 B: LAYER 3 Seq/Ack/Check = 27/0/1854234234:
=fi~6Lb=xEZp(=3i~6Lb
Event Time = 110578.205 B: LAYER 3 Seq/Ack/Check = 29/0/-478830668:
?xS.gBzU0?D|W2kF~Y4m
Event Time = 110606.266 B: LAYER 3 Seq/Ack/Check = 30/0/-1275239491:
A-wdP<)s`LA%o[H4~kWD
Event Time = 110635.545 B: LAYER 3 Seq/Ack/Check = 31/0/1941334950:
B?=:97531x-B)'%#~|zx
Event Time = 110664.985 B: LAYER 3 Seq/Ack/Check = 33/0/-632244004:
De(lj-No2St7XD<^~Bc&
Event Time = 110670.366 B: LAYER 3 Seq/Ack/Check = 34/7864320/1711130266:
EwL~S(Zb6i=pEEL~S(Z
Event Time = 120142.976 A: Timer

B: 110438.0725, Layer 4 to 5 Message = 5zbl0u]D+pW>&kR9~fM5
B: 110444.7183, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi
B: 110469.6668, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5?
B: 110483.5870, Layer 4 to 5 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt

B: 110503.3105, Layer 4 to 5 Message = 9g693a0^-Z*W'T\$Q~N{K
B: 110523.5756, Layer 4 to 5 Message = :yZ;:[<[|=|^>}_?~`A!
B: 130515.0434, Layer 4 to 5 Message = ;.~qd;l;.~qdVl;.~qdV
B: 130541.2210, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrVz~%)-
B: 130568.8481, Layer 4 to 5 Message = =fi~6Lb=xEZp(=3i~6Lb
B: 130569.9731, Layer 4 to 5 Message = dfxV}Gn7>(Ov2g0W~Ho8

Printing the contents of the Simulation Event Q

Event Time = 130578.251 B: LAYER 3 Seq/Ack/Check = 30/0/-1275239491:
A-wdPW)s`LA%o[H4~k<D

Event Time = 130592.845 A: LAYER 3 Seq/Ack/Check = 28/1/-432311097:
dfxV}Gn7>(Ov2g0W~Ho8

Event Time = 130604.110 B: LAYER 3 Seq/Ack/Check = 31/0/1941334950:
B?=:;97531x-B)'%#~|zx

Event Time = 130618.300 B: LAYER 3 Seq/Ack/Check = 32/0/-694169596:
CRbq#2BQap!1CP`o~0?O

Event Time = 130621.037 B: LAYER 3 Seq/Ack/Check = 33/2621440/-632244004:
Delj-No2St7XD<^~Bc&

Event Time = 140142.976 A: Timer

B: 130575.4352, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m

Simulator terminated at time 130578.250777

after receiving 30 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 34

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

Number of messages received at Layer 5, side B: 30

Number of messages incorrectly received at layer 5: 0

Number of packets entering the network: 740

Average number of packets already in network: 8.184

Number of packets that the network lost: 154

Number of packets that the network corrupted: 98

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