

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

Input parameters:

Number of Messages = 20 Lost Packet Prob. = 0.100

Corrupt Packet Prob. = 0.100 Out Of Order Prob. = 0.000

Ave. time between messages = 1000.00 Trace level = 2

Randomize = 1 Bi-directional = 0

A: 32.1400, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU

B: 58.6319, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU

A: 208.4123, Layer 5 to 4 Message = ##i.Qt9!Eh-Ps8[~Dg,

B: 219.4819, Layer 4 to 5 Message = ##i.Qt9!Eh-Ps8[~Dg,

A: 1219.5240, Layer 5 to 4 Message = \$X\$d:oFzQ(j3h>sJ~U,a

B: 1276.8249, Layer 4 to 5 Message = \$X\$d:oFzQ(j3h>sJ~U,a

A: 1400.6457, Layer 5 to 4 Message = %kS%\$jR:#iQ9!hP8~gO7

B: 1446.8251, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7

A: 2591.8963, Layer 5 to 4 Message = &}wq&e\_XRLF?93-~xrl

B: 2624.7400, Layer 4 to 5 Message = &}wq&e\_XRLF?93-~xrl

Printing the contents of the Simulation Event Q

Event Time = 2631.896 A: Timer

Event Time = 3146.077 A: LAYER 5

Printing the contents of the Simulation Event Q

A: 3146.0766, Layer 5 to 4 Message = '2=IT'kv\$x:FQ]hs~,7C

Printing the contents of the Simulation Event Q

Event Time = 4710.070 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 3186.383 B: LAYER 3 Seq/Ack/Check = 1/1/-452187544: '2=IT'kv\$x:FQ]hs~,7C

Event Time = 4710.070 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 3206.077 A: Timer

Event Time = 3212.070 B: LAYER 3 Seq/Ack/Check = 0/16777217/-452187544:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 4710.070 A: LAYER 5

B: 3186.3832, Layer 4 to 5 Message = '2=IT'kv\$x:FQ]hs~,7C

A: 4710.0703, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw

B: 4729.8029, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw

A: 4844.7884, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~O}N

B: 4862.5729, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N

A: 4974.3353, Layer 5 to 4 Message = \*jL.nP2r\*6vX:z]>~aC%

B: 4992.6003, Layer 4 to 5 Message = \*jL.nP2r\*6vX:z]>~aC%

A: 6066.4664, Layer 5 to 4 Message = +fpdWK>2&+k\_RF3-~rfY

B: 6090.8174, Layer 4 to 5 Message = +fpdWK>2&+k\_RF3-~rfY

A: 7296.6093, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0

B: 7309.4069, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0

Printing the contents of the Simulation Event Q

Event Time = 7331.769 A: LAYER 3 Seq/Ack/Check = 0/0/83210822: ACK

Event Time = 7648.431 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 7336.609 A: Timer

Event Time = 7343.195 B: LAYER 3 Seq/Ack/Check = 0/0/-1444327611:

,16;AFKPUZ,ejoty~&+0

Event Time = 7648.431 A: LAYER 5

Printing the contents of the Simulation Event Q

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Printing the contents of the Simulation Event Q

A: 7648.4305, Layer 5 to 4 Message = -DZq\*AWn'=T-\$.Qh~7Ne

Printing the contents of the Simulation Event Q

Event Time = 7668.431 A: Timer

Event Time = 8233.167 A: LAYER 5

B: 7650.1541, Layer 4 to 5 Message = -DZq\*AWn'=T-\$.Qh~7Ne

A: 8233.1667, Layer 5 to 4 Message = .V~lq;d.V~lq.d.V~lq;

B: 8245.3052, Layer 4 to 5 Message = .V~lq;d.V~lq.d.V~lq;

A: 9959.4254, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p

B: 10002.1456, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p

A: 11519.9280, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~IYG

B: 11541.4579, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~IYG

A: 12480.8101, Layer 5 to 4 Message = 10x.-,+\*)('&%\$#1~){

B: 12485.4972, Layer 4 to 5 Message = 10x.-,+\*)('&%\$#1~){

A: 13865.6717, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR

B: 13878.5198, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR

Printing the contents of the Simulation Event Q

Event Time = 13897.109 A: LAYER 3 Seq/Ack/Check = 0/0/83210822: CKA

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13905.018 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:

2CSdt'7HXi',<M^n21BR

Event Time = 13905.672 A: Timer

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13905.672 A: Timer

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

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Printing the contents of the Simulation Event Q

Event Time = 13925.672 A: Timer

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13949.744 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:

2CSdt'7HXiy,<M^n21BR

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13965.672 A: Timer

Event Time = 13979.815 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:  
2CSdt'7HXiy,<M^n21BR  
Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13979.040 A: LAYER 3 Seq/Ack/Check = 0/0/83210822: ACK  
Event Time = 13979.815 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:  
2CSdt'7HXiy,<M^n21BR  
Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13979.815 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:  
2CSdt'7HXiy,<M^n21BR  
Event Time = 13985.672 A: Timer  
Event Time = 13986.082 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:  
2CSdt'7HXiy,<M^n21BR  
Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13986.082 B: LAYER 3 Seq/Ack/Check = 0/0/-1770044799:  
2CSdt'7HXiy,<M^n21BR  
Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13992.627 A: LAYER 3 Seq/Ack/Check = 0/0/83210822: ACK  
Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13999.436 A: LAYER 3 Seq/Ack/Check = 0/0/83210822: ACK  
Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 15019.860 A: LAYER 5

Printing the contents of the Simulation Event Q

A: 15019.8602, Layer 5 to 4 Message = 3Uw;^!Df\*Ln2Tv:]~3e)

Printing the contents of the Simulation Event Q

Event Time = 15291.423 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 15059.860 A: Timer

Event Time = 15291.423 A: LAYER 5

B: 15057.0575, Layer 4 to 5 Message = 3Uw;^!Df\*Ln2Tv:]~3e)

A: 15291.4228, Layer 5 to 4 Message = 4f=qGzP&Yxc8IB3K~T4^

B: 15317.9655, Layer 4 to 5 Message = 4f=qGzP&Yxc8IB3K~T4^

A: 15942.1643, Layer 5 to 4 Message = 5zbl0u]D+pW>&kR9~fM5

B: 15945.0164, Layer 4 to 5 Message = 5zbl0u]D+pW>&kR9~fM5

Simulator terminated at time 15962.164283

after receiving 20 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 20

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

Number of messages received at Layer 5, side B: 20

Number of messages incorrectly received at layer 5: 0

Number of packets entering the network: 97

Average number of packets already in network: 0.247

Number of packets that the network lost: 11

Number of packets that the network corrupted: 12

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