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-bash-3.2$ ./p2_altbit
----- 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
Packet corruption probability [0.0 for no corruption]: 0
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. =    0.000
Corrupt Packet Prob. =    0.000   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

----A is currently sending packet.----
Sequence number: 0
Checksum: 347271689
Payload: !fEVhy->Pbs'2J3m~2DU???
A is expecting ACK value of 0

----B received packet with sequence number: 0----
----Payload of received packet is: !fEVhy->Pbs'2J3m~2DU----
B:      1088.3078,   Layer 4 to 5   Message = !fEVhy->Pbs'2J3m~2DU

----B is sending packet which has ACK value: 0----

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----A has received the proper packet, with ACK value: 0----

A: 1204.7785, Layer 5 to 4 Message = ##i.Qt9]!
Eh-Ps8[~Dg,

----A is currently sending packet.----

Sequence number: 1

Checksum: -1986825766

Payload: ##i.Qt9]!Eh-Ps8[~Dg,????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: ##i.Qt9]!Eh-Ps8[~Dg,----

B: 1223.5961, Layer 4 to 5 Message = ##i.Qt9]!
Eh-Ps8[~Dg,

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 1653.7829, Layer 5 to 4 Message = \$X\$d:oFzQ
(]3h>sJ~U,a

----A is currently sending packet.----

Sequence number: 0

Checksum: -643832352

Payload: \$X\$d:oFzQ(]3h>sJ~U,a????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: \$X\$d:oFzQ(]3h>sJ~U,a----

B: 1672.4888, Layer 4 to 5 Message = \$X\$d:oFzQ(]3h>sJ~U,a

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 2690.4067, Layer 5 to 4 Message = %kS%%jR:#iQ9!hP8~g07

----A is currently sending packet.----

Sequence number: 1

Checksum: 1504727601

Payload: %kS%%jR:#iQ9!hP8~g07????

A is expecting ACK value of 1

A: 2691.4933, Layer 5 to 4 Message = &}wq&e_XR
LF?93-'~xrl

----A is currently waiting for ACK value 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----

----Payload of received packet is: %kS%\$jR:#iQ9!hP8~gO7----

B: 2717.3247, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.-----
A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.-----
A was expecting ACK value 0 but packet acknum is 1
A: 3336.0982, Layer 5 to 4 Message = '2=IT'kv\$x:FQ]hs~,7C

----A is currently sending packet.-----
Sequence number: 0
Checksum: 1745700668
Payload: '2=IT'kv\$x:FQ]hs~,7C????
A is expecting ACK value of 0

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----B received packet with sequence number: 0----
----Payload of received packet is: '2=IT'kv$x:FQ]hs
~,7C----
B:      3350.1069, Layer 4 to 5 Message = '2=IT'kv$
x:FQ]hs~,7C
      TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occured.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A:      4238.2991, Layer 5 to 4 Message = (Eb~=Z(6S
pxLi(Eb~=Zw

----A is currently sending packet.----
Sequence number: 1
Checksum: -882163636
Payload: (Eb~=Z(6SpxLi(Eb~=Zw????
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: (Eb~=Z(6SpxLi(Eb
~=Zw----
B:      4250.2221, Layer 4 to 5 Message = (Eb~=Z(6S
pxLi(Eb~=Zw
      TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

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----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 4705.1681, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~O}N

----A is currently sending packet.----
Sequence number: 0
Checksum: -582924254
Payload: dW(V'U&)%S\$R2Q!P~O}N???
A is expecting ACK value of 0

----B received packet with sequence number: 0----
----Payload of received packet is: dW(V'U&)%S\$R2Q!P~O}N----
B: 4712.9178, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----
A: 6414.1554, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%

----A is currently sending packet.----
Sequence number: 1
Checksum: 307057694
Payload: *jL.nP2r*6vX:z]>~aC%????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----

----Payload of received packet is: *jL.nP2r*6vX:z]>
~aC%----

B: 6441.0606, Layer 4 to 5 Message = *jL.nP2r*
6vX:z]>~aC%

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1-----

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK valu
e: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 7007.6957, Layer 5 to 4 Message = +fpdWK>2&
+k_RF3-~rfY

----A is currently sending packet.----

Sequence number: 0

Checksum: -1654160815

Payload: +fpdWK>2&+k_RF3-~rfY????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: +fpdWK>2&+k_RF3-
~rfY----

B: 7023.5279, Layer 4 to 5 Message = +fpdWK>2&
+k_RF3-~rfY

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

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----B is sending packet which has ACK value: 0----
----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK valu
e: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A:      7837.0894,  Layer 5 to 4  Message = ,16;AFKPU
Z,ejoty~&+0

----A is currently sending packet.----
Sequence number: 1
Checksum: 1700691285
Payload: ,16;AFKPUZ,ejoty~&+0????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: ,16;AFKPUZ,ejoty
~&+0----

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B: 7862.0056, Layer 4 to 5 Message = ,16;AFKPU
Z,ejoty~&+0

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 8491.6970, Layer 5 to 4 Message = -DZq*AWn'
=T-\$:Qh~7Ne

----A is currently sending packet.----

Sequence number: 0

Checksum: -2027189706

Payload: -DZq*AWn'=T-\$:Qh~7Ne????

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----

----Payload of received packet is: -DZq*AWn'=T-\$:Qh

~7Ne----

B: 8514.4690, Layer 4 to 5 Message = -DZq*AWn'
=T-\$:Qh~7Ne

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 9404.1568, Layer 5 to 4 Message = .V~Iq;d.V~Iq.d.V~Iq;

----A is currently sending packet.----

Sequence number: 1

Checksum: -793441011

Payload: .V~Iq;d.V~Iq.d.V~Iq;????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: .V~Iq;d.V~Iq.d.V~Iq;----

B: 9417.9749, Layer 4 to 5 Message = .V~Iq;d.V~Iq.d.V~Iq;

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 9736.4611, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p

----A is currently sending packet.----

Sequence number: 0

Checksum: -763096152

Payload: xiE~Z6pL(b=wSxiE~Z6p????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: xiE~Z6pL(b=wSxiE~Z6p----

B: 9743.0479, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

A: 9868.6451, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~lYG

----A is currently sending packet.----

Sequence number: 1

Checksum: -1424786034

Payload: d{iVD1|jWE2}2X03~lYG????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: d{iVD1|jWE2}2X03~lYG----

B: 9883.5251, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~lYG

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 11063.9727, Layer 5 to 4 Message = 10x.-,+*)
('&\$\$#1~}||{

----A is currently sending packet.----

Sequence number: 0

Checksum: 1356882179

Payload: 10x.-,+*)('&\$\$#1~}||{????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: 10x.-,+*)('&\$\$#1~}||{----

B: 11071.8399, Layer 4 to 5 Message = 10x.-,+*)
('&\$\$#1~}||{

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

A: 11686.4797, Layer 5 to 4 Message = 2CSdt'7HX
iy,<M^n21BR

----A is currently sending packet.----

Sequence number: 1

Checksum: -1892801279

Payload: 2CSdt'7HXiy,<M^n21BR????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: 2CSdt'7HXiy,<M^n21BR----

B: 11695.6224, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK value: 1----

A: 13191.5856, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)

----A is currently sending packet.----

Sequence number: 0

Checksum: 1409649188

Payload: 3Uw;^!Df*Ln2Tv:]~3e)????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: 3Uw;^!Df*Ln2Tv:]~3e)----

B: 13211.2687, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 13456.8162, Layer 5 to 4 Message = 4f=qGzP&Yxc8lB3K~T4^

----A is currently sending packet.----

Sequence number: 1

Checksum: 1593839186

Payload: 4f=qGzP&Yxc8lB3K~T4^????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: 4f=qGzP&Yxc8lB3K~T4^----

B: 13468.8376, Layer 4 to 5 Message = 4f=qGzP&Yxc8lB3K~T4^

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 14623.6563, Layer 5 to 4 Message = 5zbI0u]D+pW>&kR9~fM5

----A is currently sending packet.----

Sequence number: 0

Checksum: -1432011385

Payload: 5zbI0u]D+pW>&kR9~fM5???

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----

----Payload of received packet is: 5zbI0u]D+pW>&kR9~fM5----

B: 14653.5124, Layer 4 to 5 Message = 5zbI0u]D+pW>&kR9~fM5

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 15193.2286, Layer 5 to 4 Message = 6x(~wpibZ
SLE=6x(~wpi

----A is currently sending packet.----
Sequence number: 1
Checksum: 484309713
Payload: 6x(~wpibZSLE=6x(~wpi????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: 6x(~wpibZSLE=6x(
~wpi----
B: 15218.3185, Layer 4 to 5 Message = 6x(~wpibZ
SLE=6x(~wpi
TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK valu
e: 1----

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 16204.8206, Layer 5 to 4 Message = d7LVaku!,
6AK2`jt~+5?

----A is currently sending packet.----

Sequence number: 0

Checksum: 558954136

Payload: d7LVaku!,6AK2`jt~+5????

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B received packet with sequence number: 0----

----Payload of received packet is: d7LVaku!,6AK2`jt
~+5?----

B: 16224.9439, Layer 4 to 5 Message = d7LVaku!,
6AK2`jt~+5?

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0
A: 17618.5598, Layer 5 to 4 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt

----A is currently sending packet.----
Sequence number: 1
Checksum: 1110469141
Payload: 8T8.Jf\$?[w5Qm+Gc~<Xt????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: 8T8.Jf\$?[w5Qm+Gc~<Xt----
B: 17648.0399, Layer 4 to 5 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 17777.8203, Layer 5 to 4 Message = 9g693a0^-Z*W'T\$Q~N{K

----A is currently sending packet.----
Sequence number: 0
Checksum: -2056631519
Payload: 9g693a0^-Z*W'T\$Q~N{K????
A is expecting ACK value of 0

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----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----
----Payload of received packet is: 9g693a0^-Z*W'T$Q
~N{K----
B:    17805.8195, Layer 4 to 5 Message = 9g693a0^-
Z*W'T$Q~N{K
      TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A:    18217.6004, Layer 5 to 4 Message = :yZ;:[<{]
=|^>}_?~`A!

----A is currently sending packet.----
Sequence number: 1
Checksum: 733109634
Payload: :yZ;:[<{]=|^>}_?~`A!????
A is expecting ACK value of 1

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----B received packet with sequence number: 1----
----Payload of received packet is: :yZ;:[<{]=|^>}_?~`A!----
B: 18230.7462, Layer 4 to 5 Message = :yZ;:[<{]=|^>}_?~`A!
      TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 19576.1965, Layer 5 to 4 Message = ;.~qd;I;.~qdVI;.~qdV

----A is currently sending packet.----
Sequence number: 0
Checksum: 1825953011
Payload: ;.~qd;I;.~qdVI;.~qdV???
A is expecting ACK value of 0

----B received packet with sequence number: 0----
----Payload of received packet is: ;.~qd;I;.~qdVI;.~qdV----
B: 19594.1272, Layer 4 to 5 Message = ;.~qd;I;.~qdVI;.~qdV
      TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

```

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 20702.6389, Layer 5 to 4 Message = <AEIMQ<Y^
bfjnrzv~%)-

----A is currently sending packet.----
Sequence number: 1
Checksum: 121492180
Payload: <AEIMQ<Y^bfjnrzv~%)-????
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: <AEIMQ<Y^bfjnrzv
~%)------
B: 20709.8066, Layer 4 to 5 Message = <AEIMQ<Y^
bfjnrzv~%)-
TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK valu
e: 1----

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 22684.3427, Layer 5 to 4 Message = =fi~6Lb=x
EZp(=3i~6Lb

----A is currently sending packet.----

Sequence number: 0

Checksum: -1353280921

Payload: =fi~6Lb=xEZp(=3i~6Lb????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: =fi~6Lb=xEZp(=3i~6Lb----

B: 22700.7913, Layer 4 to 5 Message = =fi~6Lb=x
EZp(=3i~6Lb

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----B did not accept the packet which had sequence

number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 22867.8852, Layer 5 to 4 Message = dfxV}Gn7>
(Ov2g0W~Ho8

----A is currently sending packet.----

Sequence number: 1

Checksum: 774347331

Payload: dfxV}Gn7>(Ov2g0W~Ho8???

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: dfxV}Gn7>(Ov2g0W
~Ho8----

B: 22878.1814, Layer 4 to 5 Message = dfxV}Gn7>
(Ov2g0W~Ho8

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occured.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK valu
e: 1----

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 24511.8291, Layer 5 to 4 Message = ?xS.gBzU0
?D|W2kF~Y4m

----A is currently sending packet.----

Sequence number: 0

Checksum: -1279158787

Payload: ?xS.gBzU0?D|W2kF~Y4m????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: ?xS.gBzU0?D|W2kF~Y4m----

B: 24531.6428, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 24660.4915, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD

----A is currently sending packet.----

Sequence number: 1
Checksum: -1249962388
Payload: A-wdP<)s`LA%o[H4~kWD????
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: A-wdP<)s`LA%o[H4~kWD----

B: 24663.1922, Layer 4 to 5 Message = A-wdP<)s`LA%o[H4~kWD
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 25073.3991, Layer 5 to 4 Message = B?=:97531x-B)'%#~|zx

----A is currently sending packet.----
Sequence number: 0
Checksum: 751977425
Payload: B?=:97531x-B)'%#~|zx????
A is expecting ACK value of 0

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----

----Payload of received packet is: B?=:97531x-B)'%#
~|zx----

B: 25102.8970, Layer 4 to 5 Message = B?=:97531
x-B)'%#~|zx

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0
A: 26387.5165, Layer 5 to 4 Message = CRbq#2BQa
p!1CP`o~0?O

----A is currently sending packet.----

Sequence number: 1

Checksum: 1211731152

Payload: CRbq#2BQap!1CP`o~0?O????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: CRbq#2BQap!1CP`o
~0?O----

B: 26404.5622, Layer 4 to 5 Message = CRbq#2BQa
p!1CP`o~0?O

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

Printing the contents of the Simulation Event Q
Event Time = 26427.343 A: LAYER 3 Seq/Ack/Check =
1/1/513151330: CRbq#2BQap!1CP`o~0?O
Event Time = 28315.756 A: LAYER 5

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

Printing the contents of the Simulation Event Q
Event Time = 26427.516 A: Timer
Event Time = 26428.112 B: LAYER 3 Seq/Ack/Check =
1/0/1211731152: CRbq#2BQap!1CP`o~0?0
Event Time = 28315.756 A: LAYER 5

----A has received the proper packet, with ACK value:
1----

Printing the contents of the Simulation Event Q
Event Time = 28315.756 A: LAYER 5

----B did not accept the packet which had sequence
number: 1----
----B is resending packet with ACK value: 1----

Printing the contents of the Simulation Event Q
Event Time = 28315.756 A: LAYER 5

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1

Printing the contents of the Simulation Event Q
A: 28315.7562, Layer 5 to 4 Message = De(Ij-No2
St7XD<^~Bc&

----A is currently sending packet.----
Sequence number: 0
Checksum: 230575416
Payload: De(Ij-No2St7XD<^~Bc&????
A is expecting ACK value of 0

Printing the contents of the Simulation Event Q

Event Time = 28340.029 B: LAYER 3 Seq/Ack/Check =
0/1/230575416: De(Ij-No2St7XD<^~Bc&
Event Time = 28678.356 A: LAYER 5

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

Printing the contents of the Simulation Event Q
Event Time = 28354.057 B: LAYER 3 Seq/Ack/Check =
0/1/230575416: De(Ij-No2St7XD<^~Bc&
Event Time = 28355.756 A: Timer
Event Time = 28678.356 A: LAYER 5

----B received packet with sequence number: 0----
----Payload of received packet is: De(Ij-No2St7XD<^~Bc&----
B: 28340.0292, Layer 4 to 5 Message = De(Ij-No2
St7XD<^~Bc&
TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0
A: 28678.3562, Layer 5 to 4 Message = EwL~S(Zxb
6i=pEEL~S(Z

----A is currently sending packet.----
Sequence number: 1
Checksum: -888574941
Payload: EwL~S(Zxb6i=pEEL~S(Z????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----

----Payload of received packet is: EwL~S(Zxb6i=pEEL~S(Z----

B: 28704.0371, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 30220.2226, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1

----A is currently sending packet.----

Sequence number: 0

Checksum: -2045606375

Payload: d,pV<#gM3w^D2nTF~eK1???

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B received packet with sequence number: 0----

----Payload of received packet is: d,pV<#gM3w^D2nTF~eK1----

B: 30244.3061, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 30735.1861, Layer 5 to 4 Message = Gf6.&{skcZRJB93)Gvnf

----A is currently sending packet.----

Sequence number: 1

Checksum: 1032681927

Payload: Gf6.&{skcZRJB93)Gvnf????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: Gf6.&{skcZRJB93)Gvnf----

B: 30741.1135, Layer 4 to 5 Message = Gf6.&{skcZRJB93)Gvnf

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 30939.1750, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3<

----A is currently sending packet.----

Sequence number: 0

Checksum: 866422582

Payload: HQZdmv!+4=GPYclu~H3<????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: HQZdmv!+4=GPYclu~H3<----

B: 30941.6804, Layer 4 to 5 Message = HQZdmv!+4=GPYclu~H3<

TOLAYER5: PANIC!! Data Received in this p

acket are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

A: 32700.8158, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;Iq

----A is currently sending packet.----

Sequence number: 1

Checksum: 207349323

Payload: Id~;Vq.Id~;Vq.Id~;Iq???

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: Id~;Vq.Id~;Vq.Id~;Iq----

B: 32719.1623, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;Iq

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 34533.0467, Layer 5 to 4 Message = JvEq?l:g5b0]+W&R~MyJ

----A is currently sending packet.----

Sequence number: 0

Checksum: -1669934456

Payload: JvEq?l:g5b0]+W&R~MyJ????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: JvEq?l:g5b0]+W&R~MyJ----

B: 34543.2848, Layer 4 to 5 Message = JvEq?l:g5b0]+W&R~MyJ

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 34739.6174, Layer 5 to 4 Message = K+iI)gG'eE%cC#aA~_>|

----A is currently sending packet.----

Sequence number: 1

Checksum: 78132535

Payload: K+iI)gG'eE%cC#aA~_>|????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1----

-

----B received packet with sequence number: 1----

----Payload of received packet is: K+iI)gG'eE%cC#aA~_>|----

B: 34767.9485, Layer 4 to 5 Message = K+iI)gG'eE%cC#aA~_>|

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 35657.3659, Layer 5 to 4 Message = LLx~pbSE6(wiZL=x~pbS

----A is currently sending packet.----

Sequence number: 0

Checksum: 1741792818

Payload: LLx~pbSE6(wiZL=x~pbS????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: LLx~pbSE6(wiZL=x~pbS----

B: 35669.3676, Layer 4 to 5 Message = LLx~pbSE6

(wiZL=x~pbS

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0
A: 36258.6457, Layer 5 to 4 Message = dPMVY]`cf
ilo2ux{~\$'*

----A is currently sending packet.----

Sequence number: 1
Checksum: 395687619
Payload: dPMVY]`cfilo2ux{~\$'*????
A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----

----Payload of received packet is: dPMVY]`cfilo2ux{~\$'*----

B: 36281.2552, Layer 4 to 5 Message = dPMVY]`cf
ilo2ux{~\$'*

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 37492.0777, Layer 5 to 4 Message = NcwNCWl#7Lau,AUj~5J_

----A is currently sending packet.----

Sequence number: 0

Checksum: 284311063

Payload: NcwNCWl#7Lau,AUj~5J_????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: NcwNCWl#7Lau,AUj~5J_----

B: 37504.5170, Layer 4 to 5 Message = NcwNCWl#7Lau,AUj~5J_

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

A: 37516.9688, Layer 5 to 4 Message = Ou=dORxAg

xU{Dj2X~Gm5

----A is currently sending packet.----

Sequence number: 1

Checksum: 93611213

Payload: Ou=dORxAgxU{Dj2X~Gm5????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----

----Payload of received packet is: Ou=dORxAgxU{Dj2X~Gm5----

B: 37543.6878, Layer 4 to 5 Message = Ou=dORxAgxU{Dj2X~Gm5

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 38495.7278, Layer 5 to 4 Message = Pfb;sP'_8
pJ\$[53G~X2j

----A is currently sending packet.----

Sequence number: 0

Checksum: 229676280

Payload: Pfb;sP'_8pJ\$[53G~X2j???

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B received packet with sequence number: 0----

----Payload of received packet is: Pfb;sP'_8pJ\$[53G
~X2j----

B: 38518.4539, Layer 4 to 5 Message = Pfb;sP'_8
pJ\$[53G~X2j

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0
A: 39405.7686, Layer 5 to 4 Message = Q<(q]HQ|h
S>*s_J5~jUA

----A is currently sending packet.----
Sequence number: 1
Checksum: -2074205728
Payload: Q<(q]HQ|hS>*s_J5~jUA????
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: Q<(q]HQ|hS>*s_J5
~jUA----
B: 39407.9647, Layer 4 to 5 Message = Q<(q]HQ|h
S>*s_J5~jUA
TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK valu
e: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 40265.1450, Layer 5 to 4 Message = ROLIFC?R9
630-*'\$~{xu

----A is currently sending packet.----
Sequence number: 0
Checksum: -615423553
Payload: ROLIFC?R9630-*'\$~{xu????
A is expecting ACK value of 0

```

----B received packet with sequence number: 0----
----Payload of received packet is: ROLIFC?R9630-*'$
~{xu----
B:    40271.5460, Layer 4 to 5 Message = ROLIFC?R9
630-*'$~{xu
      TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A:    41759.8319, Layer 5 to 4 Message = Sbp~x=LZS
w(6ESbp~x=L

----A is currently sending packet.----
Sequence number: 1
Checksum: -527955943
Payload: Sbp~x=LZSw(6ESbp~x=L????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: Sbp~x=LZSw(6ESbp
~x=L----
B:    41783.8322, Layer 4 to 5 Message = Sbp~x=LZS
w(6ESbp~x=L
      TOLAYER5: PANIC!! Data Received in this p

```


acket are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 42889.6299, Layer 5 to 4 Message = dt6Vv8Xx:Tz<2|>_~Aa#

----A is currently sending packet.----

Sequence number: 0

Checksum: 1476416296

Payload: dt6Vv8Xx:Tz<2|>_~Aa#????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: dt6Vv8Xx:Tz<2|>_~Aa#----

B: 42895.0924, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>_~Aa#

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 44631.3008, Layer 5 to 4 Message = U)Z.`3e8j=UCtHyM~R&W

----A is currently sending packet.----
Sequence number: 1
Checksum: -1952761076
Payload: U)Z.`3e8j=UCtHyM~R&W????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: U)Z.`3e8j=UCtHyM~R&W----
B: 44651.7505, Layer 4 to 5 Message = U)Z.`3e8j=UCtHyM~R&W
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value:

e: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 45120.7344, Layer 5 to 4 Message = Vi~dI.qV;
~dV.qV;~dI.

----A is currently sending packet.----

Sequence number: 0

Checksum: -1897869492

Payload: Vi~dI.qV;~dV.qV;~dI.???

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: Vi~dI.qV;~dV.qV;
~dI.----

B: 45127.2568, Layer 4 to 5 Message = Vi~dI.qV;
~dV.qV;~dI.

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0
A: 46910.5008, Layer 5 to 4 Message = WNE;2)}tk
bXOW<3*~ulc

----A is currently sending packet.----

Sequence number: 1

Checksum: -1859670433

Payload: WNE;2)}tkbXOW<3*~ulc???

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: WNE;2)}tkbXOW<3*~ulc----

B: 46918.7755, Layer 4 to 5 Message = WNE;2)}tkbXOW<3*~ulc

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK value: 1----

A: 48629.5514, Layer 5 to 4 Message = Xaiqy\$,4<EMU^Xnv~)19

----A is currently sending packet.----

Sequence number: 0

Checksum: 1146767285

Payload: Xaiqy\$,4<EMU^Xnv~)19???

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: Xaiqy\$,4<EMU^Xnv~)19----

B: 48644.4186, Layer 4 to 5 Message = Xaiqy\$,4<EMU^Xnv~)19

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

```

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

----B did not accept the packet which had sequence number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 49202.8006, Layer 5 to 4 Message = YfxIc|8Rl(B[u1Ye~:Tn

----A is currently sending packet.----
Sequence number: 1
Checksum: -1798093826
Payload: YfxIc|8Rl(B[u1Ye~:Tn????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: YfxIc|8Rl(B[u1Ye~:Tn----
B: 49223.9919, Layer 4 to 5 Message = YfxIc|8Rl(B[u1Ye~:Tn
      TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

```

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 49366.1767, Layer 5 to 4 Message = Z(S~LwEp=i6bxZ(Z~LwE

----A is currently sending packet.----
Sequence number: 0
Checksum: -1770363205
Payload: Z(S~LwEp=i6bxZ(Z~LwE????
A is expecting ACK value of 0

----B received packet with sequence number: 0----
----Payload of received packet is: Z(S~LwEp=i6bxZ(Z~LwE----
B: 49381.7593, Layer 4 to 5 Message = Z(S~LwEp=i6bxZ(Z~LwE
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 49637.8859, Layer 5 to 4 Message = d:wV5rQ0mL+h2&cB[^<y

----A is currently sending packet.----

Sequence number: 1

Checksum: -749989530

Payload: d:wV5rQ0mL+h2&cB[^<y???

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: d:wV5rQ0mL+h2&cB[^<y----

B: 49645.9874, Layer 4 to 5 Message = d:wV5rQ0mL+h2&cB[^<y

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value:

e: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 51518.9937, Layer 5 to 4 Message =]M=.|m^N>x}
n_O?0~]|`P

----A is currently sending packet.----

Sequence number: 0

Checksum: 895770582

Payload:]M=.|m^N>x}
n_O?0~]|`P????

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B received packet with sequence number: 0----

----Payload of received packet is:]M=.|m^N>x}
n_O?0~]|`P----

B: 51543.2523, Layer 4 to 5 Message =]M=.|m^N>x}
n_O?0~]|`P

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 51710.6059, Layer 5 to 4 Message = ^`bdfhjln
prtvxz|~#^'

----A is currently sending packet.----
Sequence number: 1
Checksum: -270195216
Payload: ^`bdfhjlnprtvxz|~#^'????
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: ^`bdfhjlnprtvxz|
~#^'----
B: 51737.7000, Layer 4 to 5 Message = ^`bdfhjln
prtvxz|~#^'
TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 52022.2883, Layer 5 to 4 Message = _r(;Ocv,?Sgz0DWk~4H_

----A is currently sending packet.----

Sequence number: 0

Checksum: 1135931291

Payload: _r(;Ocv,?Sgz0DWk~4H_????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: _r(;Ocv,?Sgz0DWk~4H_----

B: 52028.1767, Layer 4 to 5 Message = _r(;Ocv,?Sgz0DWk~4H_

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

A: 53807.7144, Layer 5 to 4 Message = ` 'Lq8^%Jo6[#Hm4Y~Fk2

----A is currently sending packet.----

Sequence number: 1

Checksum: -875176944

Payload: ` 'Lq8^%Jo6[#Hm4Y~Fk2????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----
----Payload of received packet is: ``Lq8^%Jo6[#Hm4Y~Fk2----

B: 53831.8212, Layer 4 to 5 Message = ``Lq8^%Jo6[#Hm4Y~Fk2

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 53933.6145, Layer 5 to 4 Message = aapI!XlhAwP)`8oH~W0g

----A is currently sending packet.----

Sequence number: 0

Checksum: -1721045499

Payload: aapI!XlhAwP)`8oH~W0g????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: aapI!X1hAwP)`8oH~W0g----

B: 53940.6171, Layer 4 to 5 Message = aapI!X1hAwP)`8oH~W0g

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 54405.0211, Layer 5 to 4 Message = bLb~iS=(pZExwbL6~iS=

----A is currently sending packet.----

Sequence number: 1

Checksum: 1757263332

Payload: bLb~iS=(pZExwbL6~iS=????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----

----Payload of received packet is: bLb~iS=(pZExwbL6~iS=----

B: 54434.0447, Layer 4 to 5 Message = bLb~iS=(pZExwbL6~iS=

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.-----
A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.-----
A was expecting ACK value 0 but packet acknum is 1
A: 56174.7271, Layer 5 to 4 Message = dfZcRNJFB=952-3%~zvr

----A is currently sending packet.-----
Sequence number: 0
Checksum: -319339141
Payload: dfZcRNJFB=952-3%~zvr????
A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: dfZcRNJFB=952-3%~zvr----

B: 56189.6668, Layer 4 to 5 Message = dfZcRNJFB=952-3%~zvr

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 57516.7984, Layer 5 to 4 Message = dq~.dIVdq~.;IVdq~.;I

----A is currently sending packet.----
Sequence number: 1
Checksum: 1866991328
Payload: dq~.dIVdq~.;IVdq~.;I????
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: dq~.dIVdq~.;IVdq~.;I----
B: 57530.0451, Layer 4 to 5 Message = dq~.dIVdq~.;IVdq~.;I
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 58734.1611, Layer 5 to 4 Message = e&Ed%ec\$Cb#Ba!A`~?_}

----A is currently sending packet.----
Sequence number: 0
Checksum: 2042471379
Payload: e&Ed%ec\$Cb#Ba!A`~?_}????
A is expecting ACK value of 0

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----
----Payload of received packet is: e&Ed%ec\$Cb#Ba!A`~?_}----
B: 58760.2401, Layer 4 to 5 Message = e&Ed%ec\$Cb#Ba!A`~?_}
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

Printing the contents of the Simulation Event Q
Event Time = 58777.233 B: LAYER 3 Seq/Ack/Check = 0/1/2042471379: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 58784.469 A: LAYER 3 Seq/Ack/Check = 0/0/789724769: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 59580.398 A: LAYER 5

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

Printing the contents of the Simulation Event Q
Event Time = 58784.469 A: LAYER 3 Seq/Ack/Check = 0/0/789724769: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 58794.161 A: Timer

Event Time = 58802.612 B: LAYER 3 Seq/Ack/Check =
0/1/2042471379: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 59580.398 A: LAYER 5

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

Printing the contents of the Simulation Event Q
Event Time = 58794.161 A: Timer
Event Time = 58802.612 B: LAYER 3 Seq/Ack/Check =
0/1/2042471379: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 58814.523 A: LAYER 3 Seq/Ack/Check =
0/0/789724769: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 59580.398 A: LAYER 5

----A has received the proper packet, with ACK valu
e: 0----

Printing the contents of the Simulation Event Q
Event Time = 58814.523 A: LAYER 3 Seq/Ack/Check =
0/0/789724769: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 59580.398 A: LAYER 5

----B did not accept the packet which had sequence
number: 0----

----B is resending packet with ACK value: 0----

Printing the contents of the Simulation Event Q
Event Time = 58820.015 A: LAYER 3 Seq/Ack/Check =
0/0/789724769: e&Ed%ec\$Cb#Ba!A`~?_}
Event Time = 59580.398 A: LAYER 5

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

Printing the contents of the Simulation Event Q
Event Time = 59580.398 A: LAYER 5


```

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

Printing the contents of the Simulation Event Q

A:    59580.3982, Layer 5 to 4 Message = f8i;l>fBr
EuHxK{N~Q$T

----A is currently sending packet.----
Sequence number: 1
Checksum: -1947181803
Payload: f8i;l>fBrEuHxK{N~Q$T????
A is expecting ACK value of 1

Printing the contents of the Simulation Event Q
Event Time = 59600.398 A: Timer
Event Time = 60522.908 A: LAYER 5

----B received packet with sequence number: 1----
----Payload of received packet is: f8i;l>fBrEuHxK{N
~Q$T----
B:    59591.6265, Layer 4 to 5 Message = f8i;l>fBr
EuHxK{N~Q$T
      TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence
number: 1----
----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

```

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 60522.9077, Layer 5 to 4 Message = gKxqU9{gD(jN2tX<~cG+

----A is currently sending packet.----

Sequence number: 0

Checksum: -36393518

Payload: gKxqU9{gD(jN2tX<~cG+????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: gKxqU9{gD(jN2tX<~cG+----

B: 60530.2259, Layer 4 to 5 Message = gKxqU9{gD(jN2tX<~cG+

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 61221.9064, Layer 5 to 4 Message = h^SI>4*}hi_TJ?5+~tj`

----A is currently sending packet.----
Sequence number: 1
Checksum: -970827603
Payload: h^SI>4*}hi_TJ?5+~tj`???
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: h^SI>4*}hi_TJ?5+~tj`----
B: 61238.6431, Layer 4 to 5 Message = h^SI>4*}hi_TJ?5+~tj`
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 62297.9867, Layer 5 to 4 Message = ipw~(x6=EiSZbipw~(x6

----A is currently sending packet.----
Sequence number: 0
Checksum: 1323901948
Payload: ipw~(x6=EiSZbipw~(x6????

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B received packet with sequence number: 0----

----Payload of received packet is: ipw~(x6=EiSZbipw~(x6----

B: 62318.8839, Layer 4 to 5 Message = ipw~(x6=EiSZbipw~(x6

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 62806.9789, Layer 5 to 4 Message = d%=Vo*C[txja24Mf~9Rk

----A is currently sending packet.----

Sequence number: 1

Checksum: -1946668336

Payload: d%=Vo*C[txja24Mf~9Rk????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----

----Payload of received packet is: d%=Vo*C[txja24Mf~9Rk----

B: 62830.3051, Layer 4 to 5 Message = d%=Vo*C[t

xja24Mf~9Rk

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 63523.0811, Layer 5 to 4 Message = k7b.X%OyFp<k3^*T~KuB

----A is currently sending packet.----

Sequence number: 0

Checksum: 16947627

Payload: k7b.X%OyFp<k3^*T~KuB????

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----

----Payload of received packet is: k7b.X%OyFp<k3^*T~KuB----

B: 63552.5877, Layer 4 to 5 Message = k7b.X%OyF
p<k3^*T~KuB

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 64594.1388, Layer 5 to 4 Message = lf(dB}[9uS1ml)3C~]:v

----A is currently sending packet.----

Sequence number: 1

Checksum: -88210657

Payload: lf(dB}[9uS1ml)3C~]:v????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----

----Payload of received packet is: lf(dB}[9uS1ml)3C~]:v----

B: 64614.8906, Layer 4 to 5 Message = lf(dB}[9uS1ml)3C~]:v

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----
----B is resending packet with ACK value: 1----

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1

----A got incorrect packet.----
A was expecting ACK value 0 but packet acknum is 1
A: 64931.9995, Layer 5 to 4 Message = m]L;+xhWG6&scmB1~n^M

----A is currently sending packet.----
Sequence number: 0
Checksum: -1589298035
Payload: m]L;+xhWG6&scmB1~n^M????
A is expecting ACK value of 0

----B received packet with sequence number: 0----
----Payload of received packet is: m]L;+xhWG6&scmB1~n^M----
B: 64951.0401, Layer 4 to 5 Message = m]L;+xhWG6&scmB1~n^M
TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 65268.9197, Layer 5 to 4 Message = nopqrstuvwxyz{n}~!#\$

----A is currently sending packet.----

Sequence number: 1

Checksum: 1052817090

Payload: nopqrstuvwxyz{n}~!#\$????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: nopqrstuvwxyz{n}~!#\$----

B: 65285.4456, Layer 4 to 5 Message = nopqrstuvwxyz{n}~!#\$

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 66277.1945, Layer 5 to 4 Message = o\$6I[n#5HZm!4GYo~3FX

----A is currently sending packet.----

Sequence number: 0

Checksum: -1503262258

Payload: o\$6I[n#5HZm!4GYo~3FX???

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: o\$6I[n#5HZm!4GYo~3FX----

B: 66295.2337, Layer 4 to 5 Message = o\$6I[n#5HZm!4GYo~3FX

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 67200.1839, Layer 5 to 4 Message = p6Z~EixSw=b(Lp6ZpEix

----A is currently sending packet.----

Sequence number: 1

Checksum: 2069154696

Payload: p6Z~EixSw=b(Lp6ZpEix???

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: p6Z~EixSw=b(Lp6ZpEix----

B: 67218.4238, Layer 4 to 5 Message = p6Z~EixSw

=b(Lp6ZpEix

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 67916.2725, Layer 5 to 4 Message = dI~V.d;qI~V.2;qI~q.d

----A is currently sending packet.----

Sequence number: 0

Checksum: -143943831

Payload: dI~V.d;qI~V.2;qI~q.d???

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----

----Payload of received packet is: dI~V.d;qI~V.2;qI~q.d----

B: 67944.1274, Layer 4 to 5 Message = dI~V.d;qI~V.2;qI~q.d

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 69043.3686, Layer 5 to 4 Message = r[E.u_H1xbK4{eN7~hr:

----A is currently sending packet.----

Sequence number: 1

Checksum: -580674829

Payload: r[E.u_H1xbK4{eN7~hr:????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: r[E.u_H1xbK4{eN7~hr:----

B: 69051.4896, Layer 4 to 5 Message = r[E.u_H1xbK4{eN7~hr:

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 69792.0499, Layer 5 to 4 Message = snid_YTOJ

E?:50+&~yts

----A is currently sending packet.----

Sequence number: 0

Checksum: 263704795

Payload: snid_YTOJE?:50+&~yts???

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: snid_YTOJE?:50+&~yts----

B: 69806.9893, Layer 4 to 5 Message = snid_YTOJE?:50+&~yts

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 69900.5030, Layer 5 to 4 Message = t#x;HTAmy(4AMYfr~-9F

----A is currently sending packet.----

Sequence number: 1

Checksum: -123576330

Payload: t#x;HTAmy(4AMYfr~-9F???

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----
----Payload of received packet is: t#x;HTamy(4AMYfr
~-9F----

B: 69921.2763, Layer 4 to 5 Message = t#x;HTamy
(4AMYfr~-9F

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----A has received the proper packet, with ACK valu
e: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence
number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 70562.3906, Layer 5 to 4 Message = uuSqlOm-K
i)Ge%3a~>]z

----A is currently sending packet.----

Sequence number: 0

Checksum: -2106634819

Payload: uuSqlOm-Ki)Ge%3a~>]z????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: uuSqlOm-Ki)Ge%3a
~>]z----

B: 70575.2597, Layer 4 to 5 Message = uuSqlOm-K
i)Ge%3a~>]z

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

A: 72328.9862, Layer 5 to 4 Message = vHvIxJyKz
L{M|N}O~P!Q

----A is currently sending packet.----

Sequence number: 1

Checksum: 1580853979

Payload: vHvIxJyKzL{M|N}O~P!Q????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: vHvIxJyKzL{M|N}O
~P!Q----

B: 72337.4931, Layer 4 to 5 Message = vHvIxJyKz
L{M|N}O~P!Q

TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK valu
e: 1----

A: 73900.3960, Layer 5 to 4 Message = wZ=wbE(iL
xpS6wZ=~bE(

----A is currently sending packet.----

Sequence number: 0

Checksum: 91500028

Payload: wZ=wbE(iLxpS6wZ=~bE(????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

```

----Payload of received packet is: wZ=wbE(iLxpS6wZ=
~bE(----
B: 73914.9740, Layer 4 to 5 Message = wZ=wbE(iL
xpS6wZ=~bE(
        TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occured.----
----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 74829.5630, Layer 5 to 4 Message = dmbVx?4){
peY2C7,~sh]

----A is currently sending packet.----
Sequence number: 1
Checksum: 1214053620
Payload: dmbVx?4){peY2C7,~sh]???
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: dmbVx?4){peY2C7,
~sh]----
B: 74845.1470, Layer 4 to 5 Message = dmbVx?4){
peY2C7,~sh]
        TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occured.----

```

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 76793.2033, Layer 5 to 4 Message = y!(.4yAGMSY`flrx~-3

----A is currently sending packet.----

Sequence number: 0

Checksum: -2131982554

Payload: y!(.4yAGMSY`flrx~-3????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: y!(.4yAGMSY`flrx~-3----

B: 76812.7021, Layer 4 to 5 Message = y!(.4yAGMSY`flrx~-3

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 77177.4028, Layer 5 to 4 Message = z4Ld{5ze|6Nf}7Og~8Ph

----A is currently sending packet.----

Sequence number: 1

Checksum: -1510647980

Payload: z4Ld{5ze|6Nf}7Og~8Ph????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: z4Ld{5ze|6Nf}7Og~8Ph----

B: 77191.1602, Layer 4 to 5 Message = z4Ld{5ze|6Nf}7Og~8Ph

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK value: 1----

A: 77283.3973, Layer 5 to 4 Message = {Gp;e0Y{NwCl7a,U~Js>

----A is currently sending packet.----

Sequence number: 0

Checksum: 356526813

Payload: {Gp;e0Y{NwCl7a,U~Js>????

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: {Gp;e0Y{NwCl7a,U~Js>----

B: 77291.6294, Layer 4 to 5 Message = {Gp;e0Y{NwCl7a,U~Js>

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK value: 0----

A: 79261.2123, Layer 5 to 4 Message = |Y6qN+fC|Z7rO,gD~[8s

----A is currently sending packet.----

Sequence number: 1

Checksum: -887176321

Payload: |Y6qN+fC|Z7rO,gD~[8s????

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----

----Payload of received packet is: |Y6qN+fC|Z7rO,gD~[8s----

B: 79281.8440, Layer 4 to 5 Message = |Y6qN+fC|Z7rO,gD~[8s

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A has received the proper packet, with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 80646.7097, Layer 5 to 4 Message = }lZI7&raO},xgUD2~m[J

----A is currently sending packet.----

Sequence number: 0

Checksum: -1238175984

Payload: }lZI7&raO},xgUD2~m[J????

A is expecting ACK value of 0

```

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----
----Payload of received packet is: }lZI7&raO},xgUD2
~m[J----
B: 80670.2837, Layer 4 to 5 Message = }lZI7&raO
},xgUD2~m[J
      TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 0----

----A has received the proper packet, with ACK valu
e: 0----

----B did not accept the packet which had sequence
number: 0----
----B is resending packet with ACK value: 0----

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A: 81586.2256, Layer 5 to 4 Message = ~fDUgx,=O
a~&7I3l}1CT

----A is currently sending packet.----
Sequence number: 1
Checksum: 1911781478
Payload: ~fDUgx,=Oa~&7I3l}1CT???
A is expecting ACK value of 1

----Timer interrupt has occurred.----
----A will resend packet with sequence number: 1---
-

----B received packet with sequence number: 1----
----Payload of received packet is: ~fDUgx,=Oa~&7I3l
}1CT----
B: 81614.5408, Layer 4 to 5 Message = ~fDUgx,=O
a~&7I3l}1CT

```

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 83530.0976, Layer 5 to 4 Message = !3EVhy->Pbs'2J[m~2DU

----A is currently sending packet.----

Sequence number: 0

Checksum: 2040005153

Payload: !3EVhy->Pbs'2J[m~2DU???

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----

----Payload of received packet is: !3EVhy->Pbs'2J[m~2DU----

B: 83554.4593, Layer 4 to 5 Message = !3EVhy->P

bs'2J[m~2DU

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 84778.5063, Layer 5 to 4 Message = ##i.Qt9]!

Eh-Ps8[~Dg,

----A is currently sending packet.----

Sequence number: 1

Checksum: -1986825766

Payload: ##i.Qt9]!Eh-Ps8[~Dg,???

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: ##i.Qt9]!Eh-Ps8[~Dg,----

B: 84782.5227, Layer 4 to 5 Message = ##i.Qt9]!

Eh-Ps8[~Dg,

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence

number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

A: 84988.0337, Layer 5 to 4 Message = \$X\$d:oFzQ
(]3h>sJ~U,a

----A is currently sending packet.----

Sequence number: 0

Checksum: -643832352

Payload: \$X\$d:oFzQ(]3h>sJ~U,a????

A is expecting ACK value of 0

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----B received packet with sequence number: 0----

----Payload of received packet is: \$X\$d:oFzQ(]3h>sJ~U,a----

B: 85015.7450, Layer 4 to 5 Message = \$X\$d:oFzQ
(]3h>sJ~U,a

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

```

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----
A was expecting ACK value 1 but packet acknum is 0
A:      86193.7804, Layer 5 to 4 Message = %kS%%$jR:#
iQ9!hP8~gO7

----A is currently sending packet.----
Sequence number: 1
Checksum: 1504727601
Payload: %kS%%$jR:#iQ9!hP8~gO7????
A is expecting ACK value of 1

----B received packet with sequence number: 1----
----Payload of received packet is: %kS%%$jR:#iQ9!hP8
~gO7----
B:      86206.6791, Layer 4 to 5 Message = %kS%%$jR:#
iQ9!hP8~gO7
          TOLAYER5: PANIC!! Data Received in this p
acket are wrong

----B is sending packet which has ACK value: 1----

----A has received the proper packet, with ACK valu
e: 1----
A:      87913.0880, Layer 5 to 4 Message = &}wq&e_XR
LF?93- '~xrl

----A is currently sending packet.----
Sequence number: 0
Checksum: 623851463
Payload: &}wq&e_XRLF?93- '~xrl????
A is expecting ACK value of 0

----Timer interrupt has occured.----
----A will resend packet with sequence number: 0---
-

----B received packet with sequence number: 0----
----Payload of received packet is: &}wq&e_XRLF?93- '

```

~xrl----

B: 87942.4115, Layer 4 to 5 Message = &}wq&e_XR
LF?93- '~xrl

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A has received the proper packet, with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 89566.4909, Layer 5 to 4 Message = '2=IT'kv\$
x:FQ]hs~,7C

----A is currently sending packet.----

Sequence number: 1

Checksum: 1070835157

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

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: '2=IT'kv\$x:FQ]hs~,7C----

B: 89570.5667, Layer 4 to 5 Message = '2=IT'kv\$
x:FQ]hs~,7C

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---
-

----A has received the proper packet, with ACK value: 1----

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1
A: 91116.6856, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw

----A is currently sending packet.----

Sequence number: 0

Checksum: -1665817947

Payload: (Eb~=Z(6SpxLi(Eb~=Zw???)

A is expecting ACK value of 0

----B received packet with sequence number: 0----

----Payload of received packet is: (Eb~=Z(6SpxLi(Eb~=Zw----

B: 91126.9786, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---
-

----A has received the proper packet, with ACK value:

e: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 92376.6790, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~O}N

----A is currently sending packet.----

Sequence number: 1

Checksum: -1969247541

Payload: dW(V'U&)%S\$R2Q!P~O}N???

A is expecting ACK value of 1

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 1---

-

----B received packet with sequence number: 1----

----Payload of received packet is: dW(V'U&)%S\$R2Q!P~O}N----

B: 92403.9329, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

Printing the contents of the Simulation Event Q

Event Time = 92413.016 B: LAYER 3 Seq/Ack/Check = 1/0/-1969247541: dW(V'U&)%S\$R2Q!P~O}N

Event Time = 92416.679 A: Timer

Event Time = 94048.806 A: LAYER 5

----A has received the proper packet, with ACK value: 1----

Printing the contents of the Simulation Event Q

Event Time = 94048.806 A: LAYER 5

----B did not accept the packet which had sequence number: 1----

----B is resending packet with ACK value: 1----

Printing the contents of the Simulation Event Q
Event Time = 94048.806 A: LAYER 5

----A got incorrect packet.----

A was expecting ACK value 0 but packet acknum is 1

Printing the contents of the Simulation Event Q

A: 94048.8056, Layer 5 to 4 Message = *fL.nP2r*
6vX:z3>~aC%

----A is currently sending packet.----

Sequence number: 0

Checksum: 106302432

Payload: *fL.nP2r*6vX:z3>~aC%????

A is expecting ACK value of 0

Printing the contents of the Simulation Event Q
Event Time = 94068.806 A: Timer
Event Time = 95743.811 A: LAYER 5

----B received packet with sequence number: 0----

----Payload of received packet is: *fL.nP2r*6vX:z3>~aC%----

B: 94065.0215, Layer 4 to 5 Message = *fL.nP2r*
6vX:z3>~aC%

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 0----

----Timer interrupt has occurred.----

----A will resend packet with sequence number: 0---

-

----A has received the proper packet, with ACK value: 0----

----B did not accept the packet which had sequence number: 0----

----B is resending packet with ACK value: 0----

----A got incorrect packet.----

A was expecting ACK value 1 but packet acknum is 0

A: 95743.8106, Layer 5 to 4 Message = +|pdWK>2&+k_RF9-~rfY

----A is currently sending packet.----

Sequence number: 1

Checksum: -1057307038

Payload: +|pdWK>2&+k_RF9-~rfY????

A is expecting ACK value of 1

----B received packet with sequence number: 1----

----Payload of received packet is: +|pdWK>2&+k_RF9-~rfY----

B: 95761.6837, Layer 4 to 5 Message = +|pdWK>2&+k_RF9-~rfY

TOLAYER5: PANIC!! Data Received in this packet are wrong

----B is sending packet which has ACK value: 1----

Simulator terminated at time 95763.810616

after receiving 100 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 101

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: 96

Number of packets entering the network: 434

Average number of packets already in network:
0.260

Number of packets that the network lost: 0

Number of packets that the network corrupted: 0

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