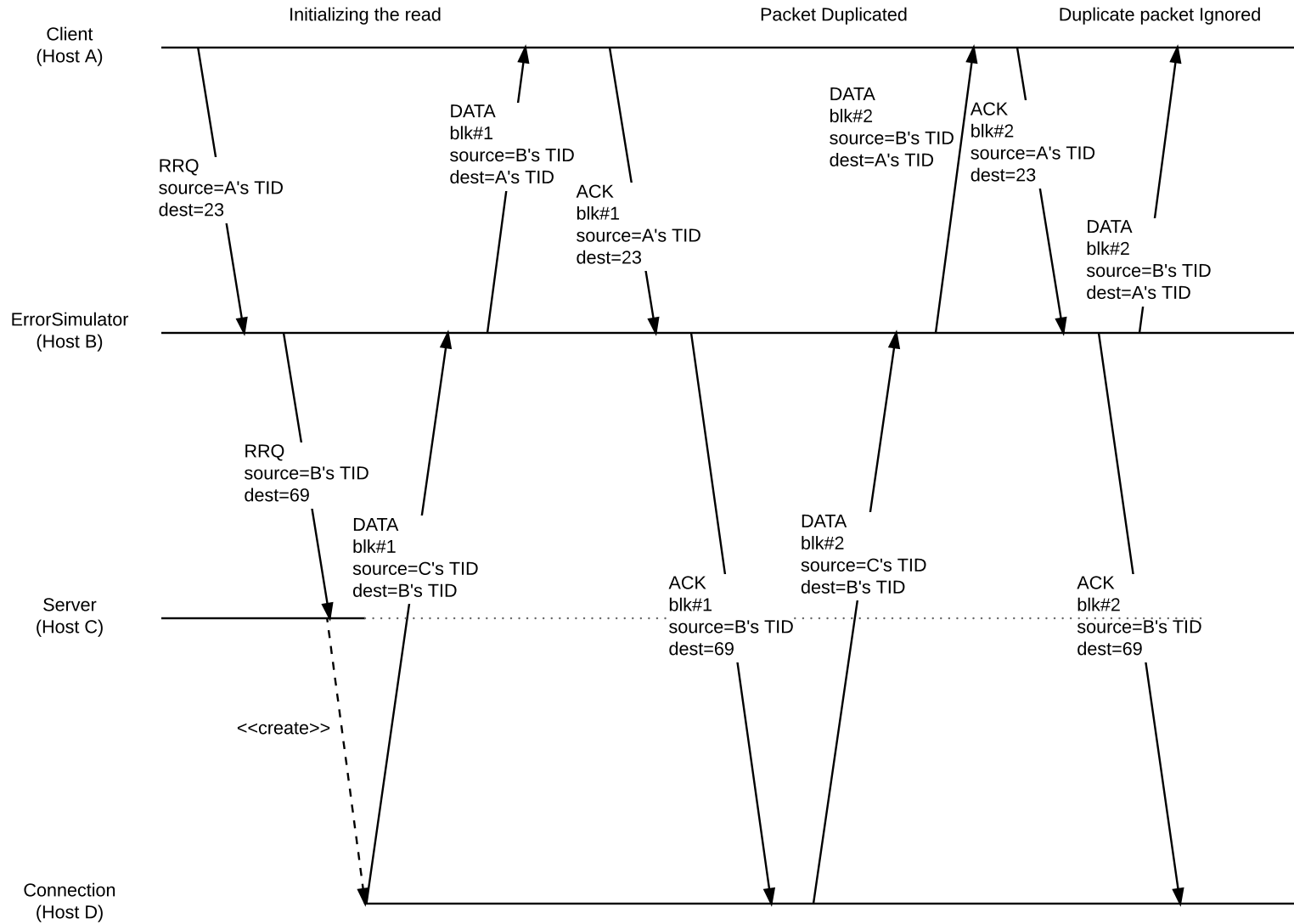# Timing Diagram - Packet Duplication

Duplicating packet DATA blk #2

Initializing the read | Packet Duplicated | Duplicate packet Ignored

Client
(Host A)

ErrorSimulator
(Host B)

Server
(Host C)

Connection
(Host D)

RRQ
source=A's TID
dest=23

DATA
blk#1
source=B's TID
dest=A's TID

ACK
blk#1
source=A's TID
dest=23

DATA
blk#2
source=B's TID
dest=A's TID

ACK
blk#2
source=A's TID
dest=23

DATA
blk#2
source=B's TID
dest=A's TID

RRQ
source=B's TID
dest=69

DATA
blk#1
source=C's TID
dest=B's TID

ACK
blk#1
source=B's TID
dest=69

DATA
blk#2
source=C's TID
dest=B's TID

ACK
blk#2
source=B's TID
dest=69

<<create>>

Timing Diagram - Packet Loss

Losing packet ACK blk #1

Initializing the read   Packet Duplicated   Duplicate packet Ignored

Client
(Host A)

DATA
blk#1
source=B's TID
dest=A's TID

DATA
blk#2
source=B's TID
dest=A's TID

RRQ
source=A's TID
dest=23

ACK
blk#1
source=A's TID
dest=23

ErrorSimulator
(Host B)

RRQ
source=B's TID
dest=69

ACK
blk#1
source=B's TID
dest=69

DATA
blk#1
source=C's TID
dest=B's TID

ACK
blk#1
source=B's TID
dest=69

Server
(Host C)

DATA
blk#2
source=C's TID
dest=B's TID

<<create>>

Connection
(Host D)