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# create a simulator
set ns [new Simulator]

#create trace file
set tracefile [open dos.tr w]
$ns trace-all $tracefile

#nam file creation
set namfile [open dos.nam w]
$ns namtrace-all $namfile

#finish procedure
proc finish {} {
    global ns tracefile namfile
    $ns flush-trace
    close $tracefile
    close $namfile
    exec nam dos.nam &
    exit 0
}

#create node
set server1 [$ns node]
set server2 [$ns node]
set client1 [$ns node]
set client2 [$ns node]
set attacker [$ns node]

#connection
$ns duplex-link $client1 $server1 12Mb 100ms DropTail
$ns duplex-link $client2 $server2 12Mb 100ms DropTail
$ns duplex-link $attacker $server1 12Mb 100ms DropTail
$ns duplex-link $server1 $server2 6Mb 200ms DropTail

$ns queue-limit $server1 $server2 20

#create agents
set udp1 [new Agent/UDP]
$ns attach-agent $client2 $udp1

set udp2 [new Agent/UDP]
$ns attach-agent $client2 $udp2

set udp3 [new Agent/UDP]
$ns attach-agent $attacker $udp3

set null [new Agent/Null]
$ns attach-agent $server2 $null

$ns connect $udp1 $null
$ns connect $udp2 $null
$ns connect $udp3 $null

#Traffic
set cbr1 [new Application/Traffic/CBR]
$cbr1 attach-agent $udp1
$cbr1 set packet_size_ 7000
$cbr1 set rate_ 0.4mb
$cbr1 set random_ false
$cbr1 set interval_ 0.08

set cbr2 [new Application/Traffic/CBR]
$cbr2 attach-agent $udp2
$cbr2 set packet_size_ 4000
$cbr2 set rate_ 0.6mb
$cbr2 set random_ false
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$cbr2 set interval_ 0.05

set cbr3 [new Application/Traffic/CBR]
$cbr3 attach-agent $udp1
$cbr3 set packet_size_ 24000
$cbr3 set rate_ 0.3mb
$cbr3 set random_ false
$cbr3 set interval_ 0.02

#start traffic
$ns at 0.1 "$cbr1 start"
$ns at 0.1 "$cbr2 start"
$ns at 0.5 "$cbr3 start"
$ns at 1.5 "$cbr1 stop"
$ns at 2.0 "$cbr2 stop"
$ns at 2.5 "$cbr3 stop"

$ns at 3.0 "finish"
$ns run
```