Timeout\_received

Send(SYN, ACK, next\_seq)

**Explanations**

SYN: Connection flag

ACK: Acknowledgment

next\_seq: Next expected sequence number

Timeout\_received: The time for receiving ACK has passed

client\_seq: client sequence number

Next\_seq: next expected sequence number

initial

Received(SYN, client\_seq)

next\_seq = client\_seq +1

Send(SYN, ACK, next\_seq)

Received(ACK, next\_seq)

Send(SYN, ACK, next\_seq+1)