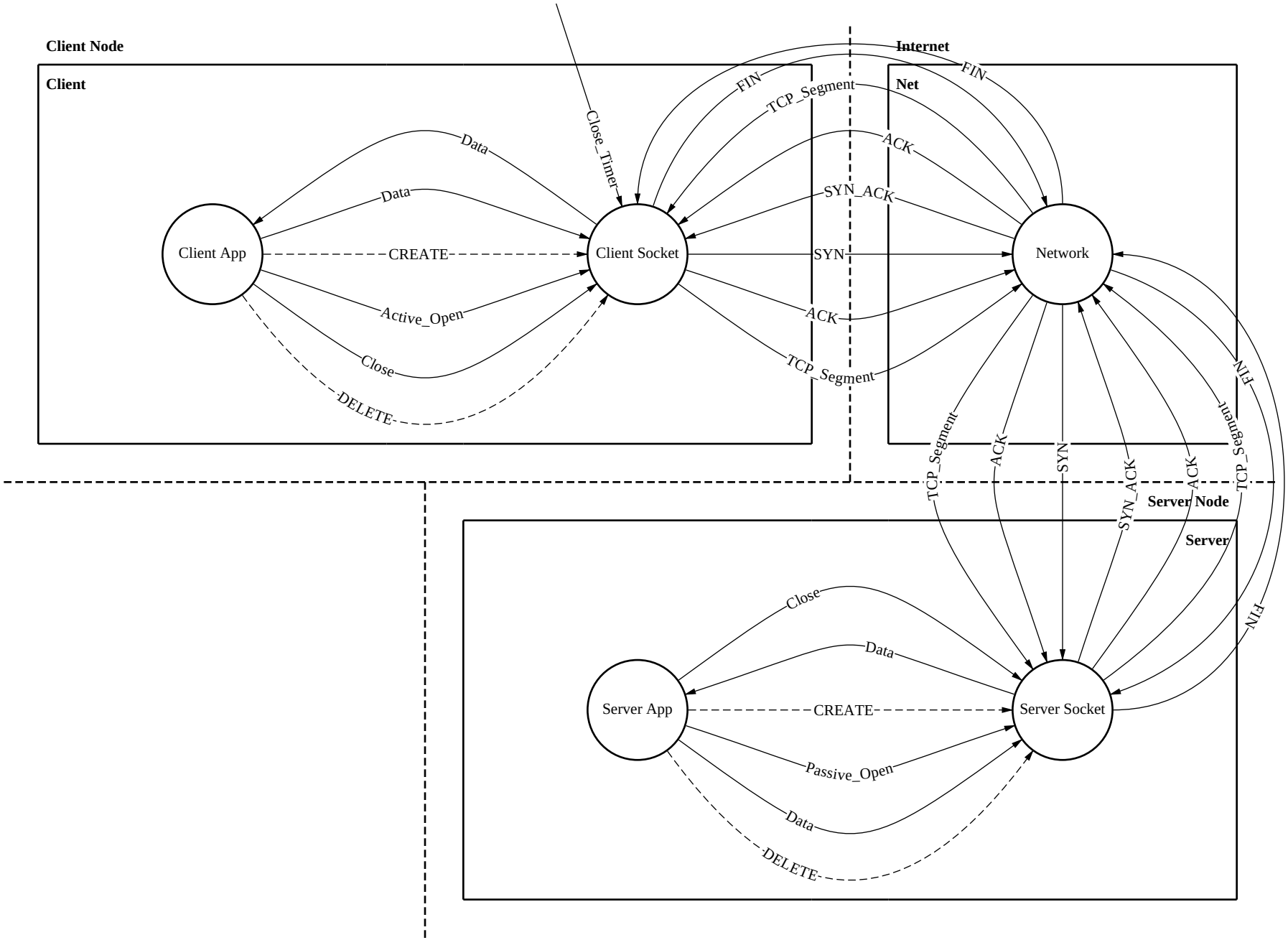
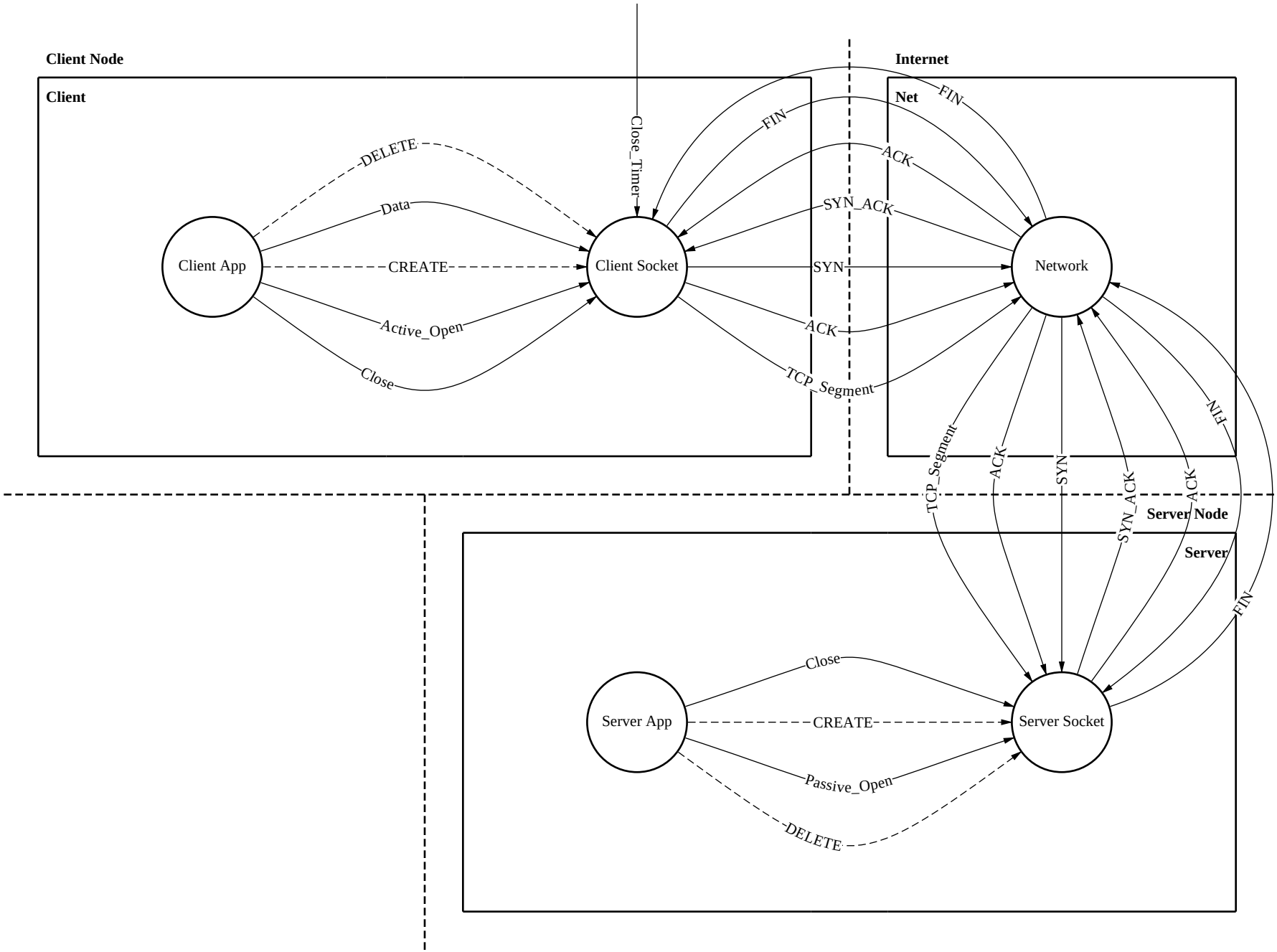
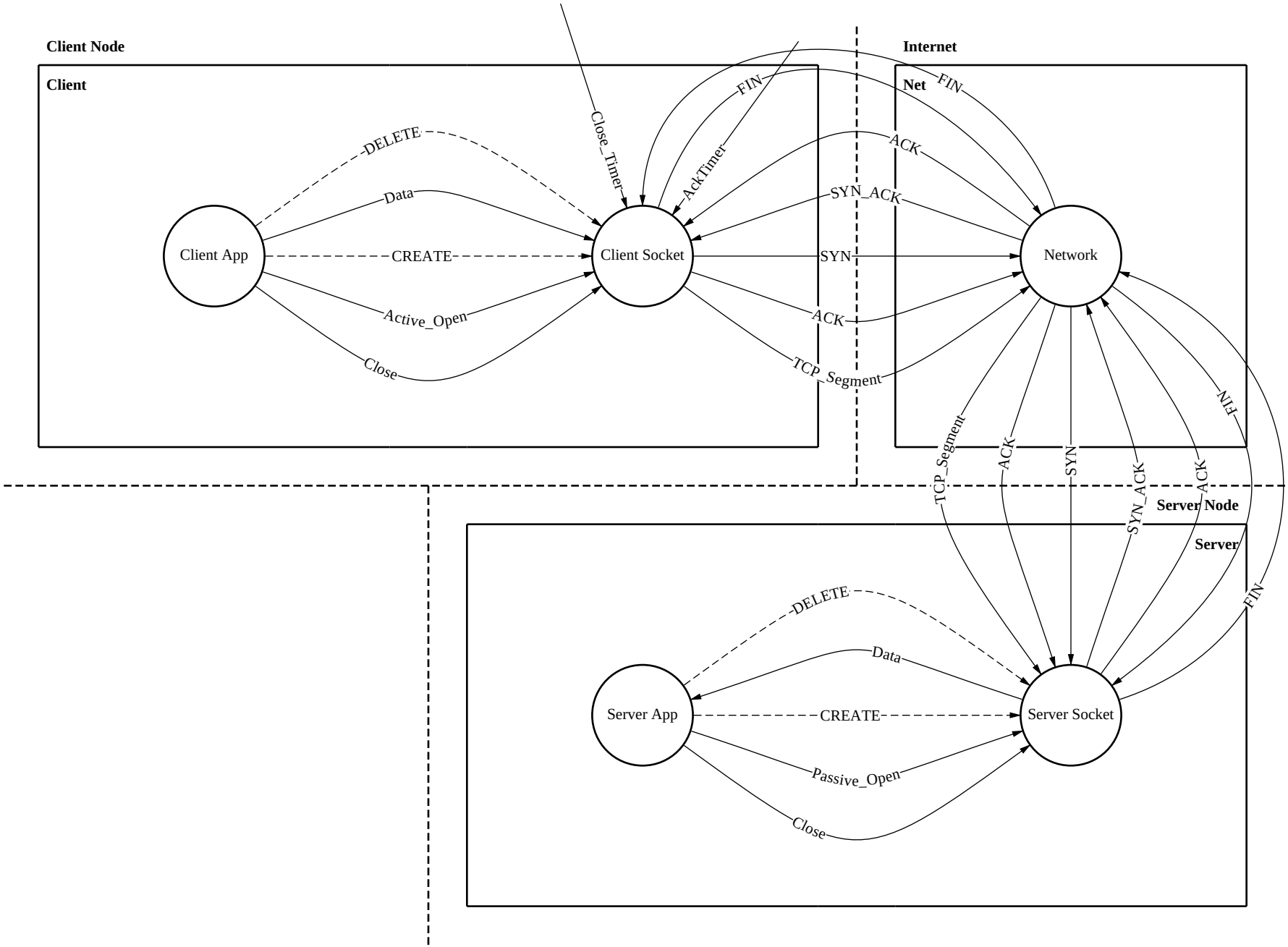
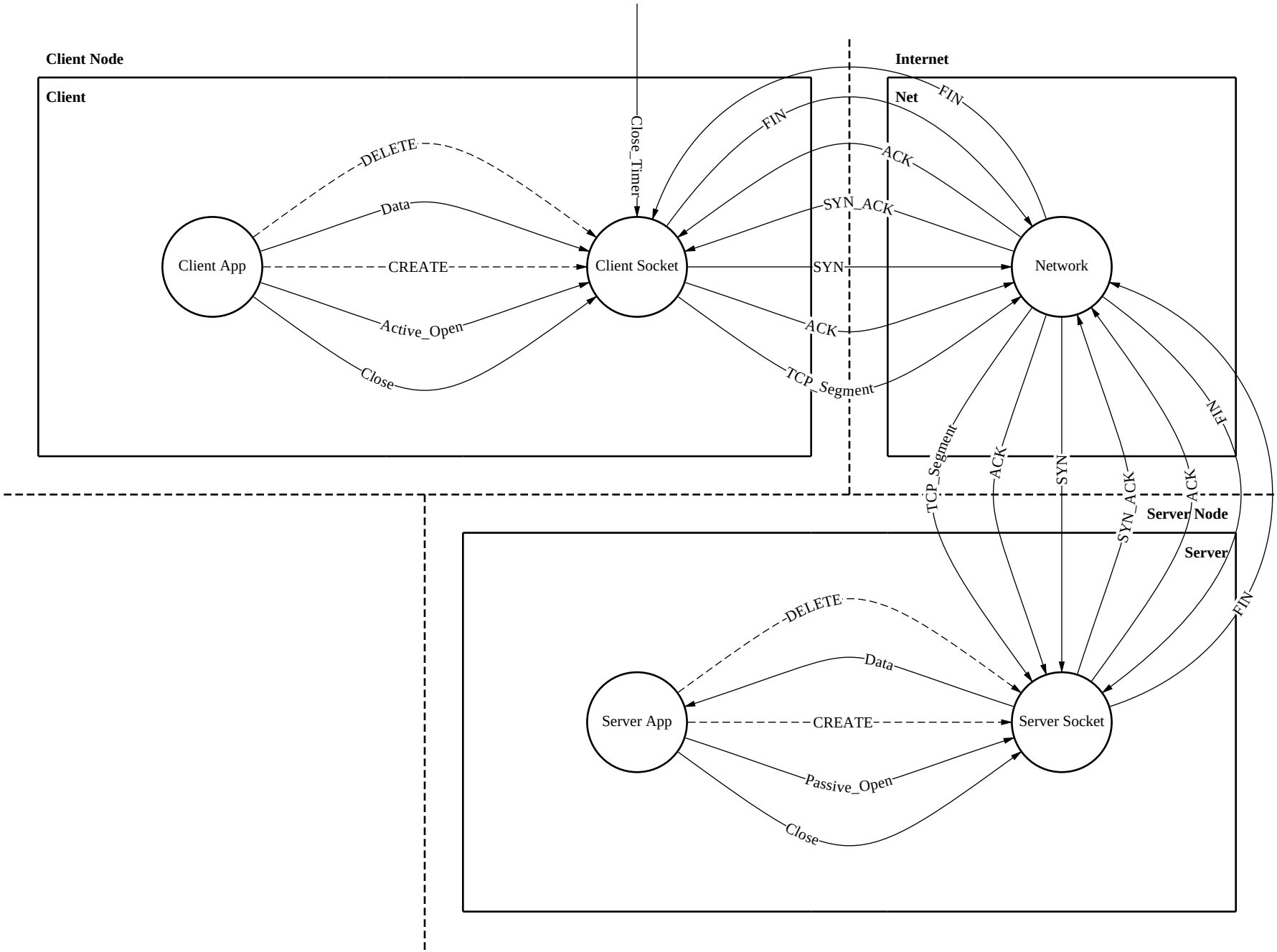
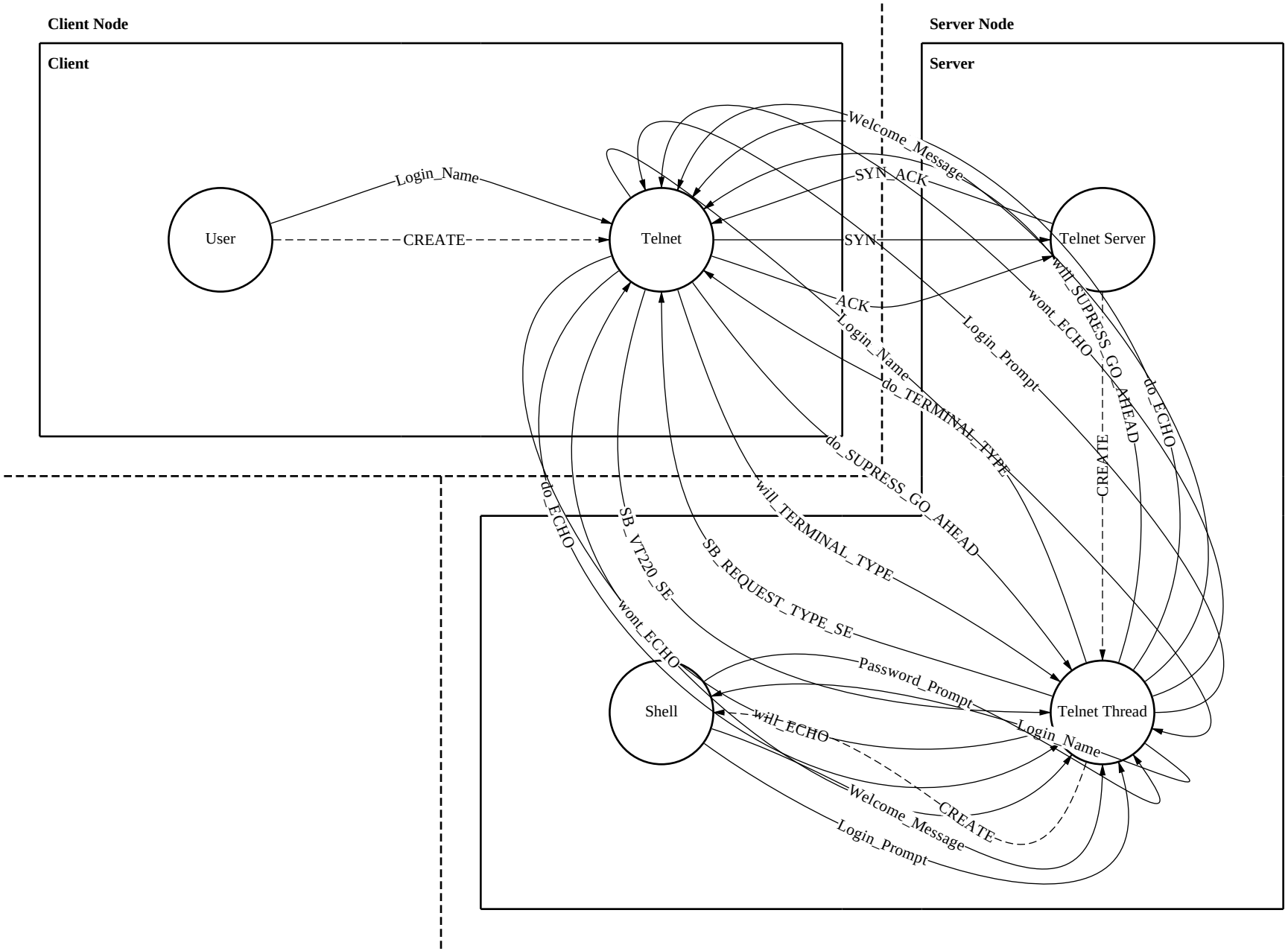
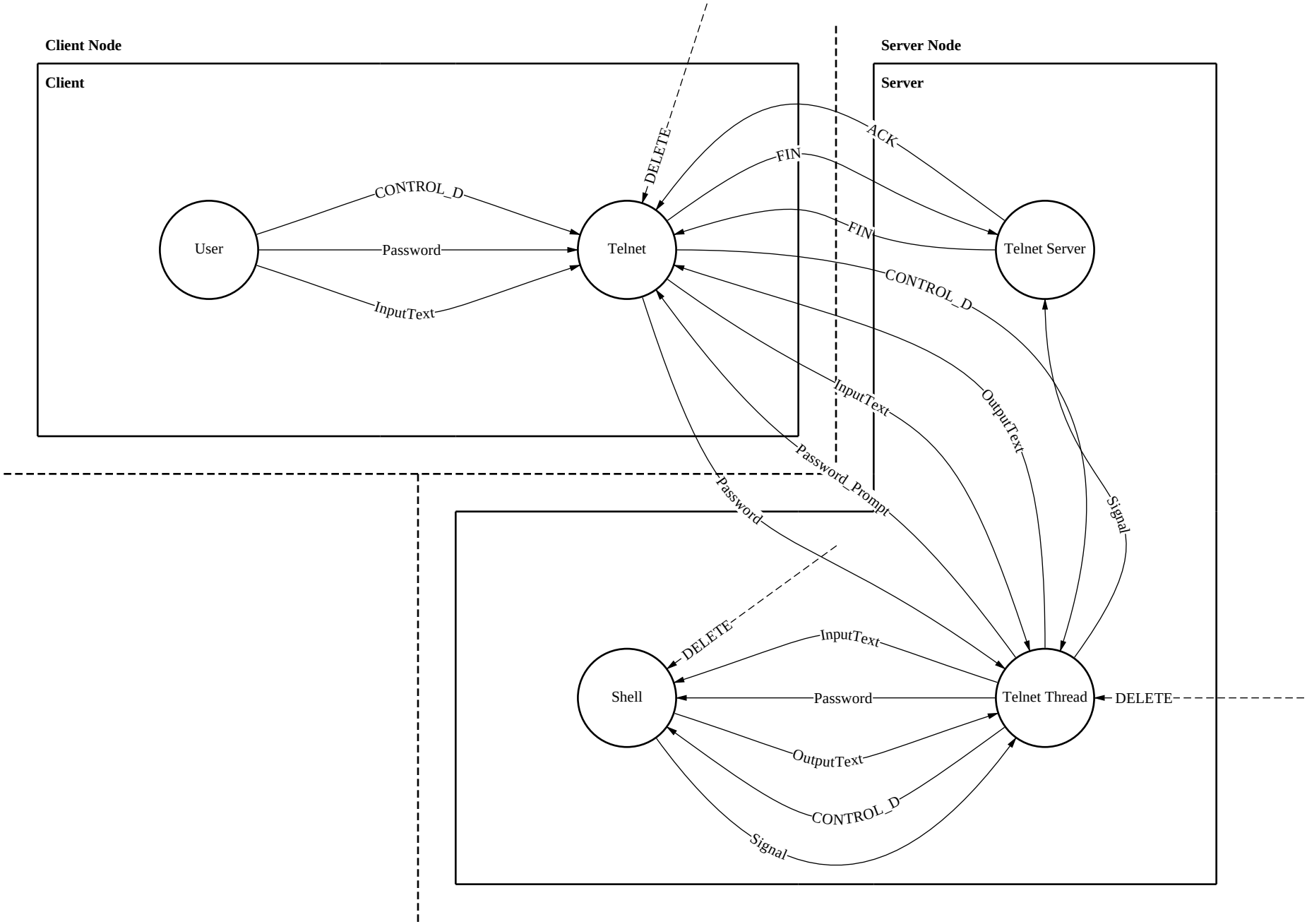

Client Node
Client
Internet
Net
Server Node
Server
Client App
Client Socket
Network
Server App
Server Socket
Data
Data
CREATE
Active_Open
Close
DELETE
Close_Timer
FIN
TCP_Segment
ACK
SYN_ACK
SYN
ACK
TCP_Segment
TCP_Segment
ACK
SYN
SYN_ACK
ACK
TCP_Segment
FIN
FIN
Close
Data
CREATE
Passive_Open
Data
DELETE

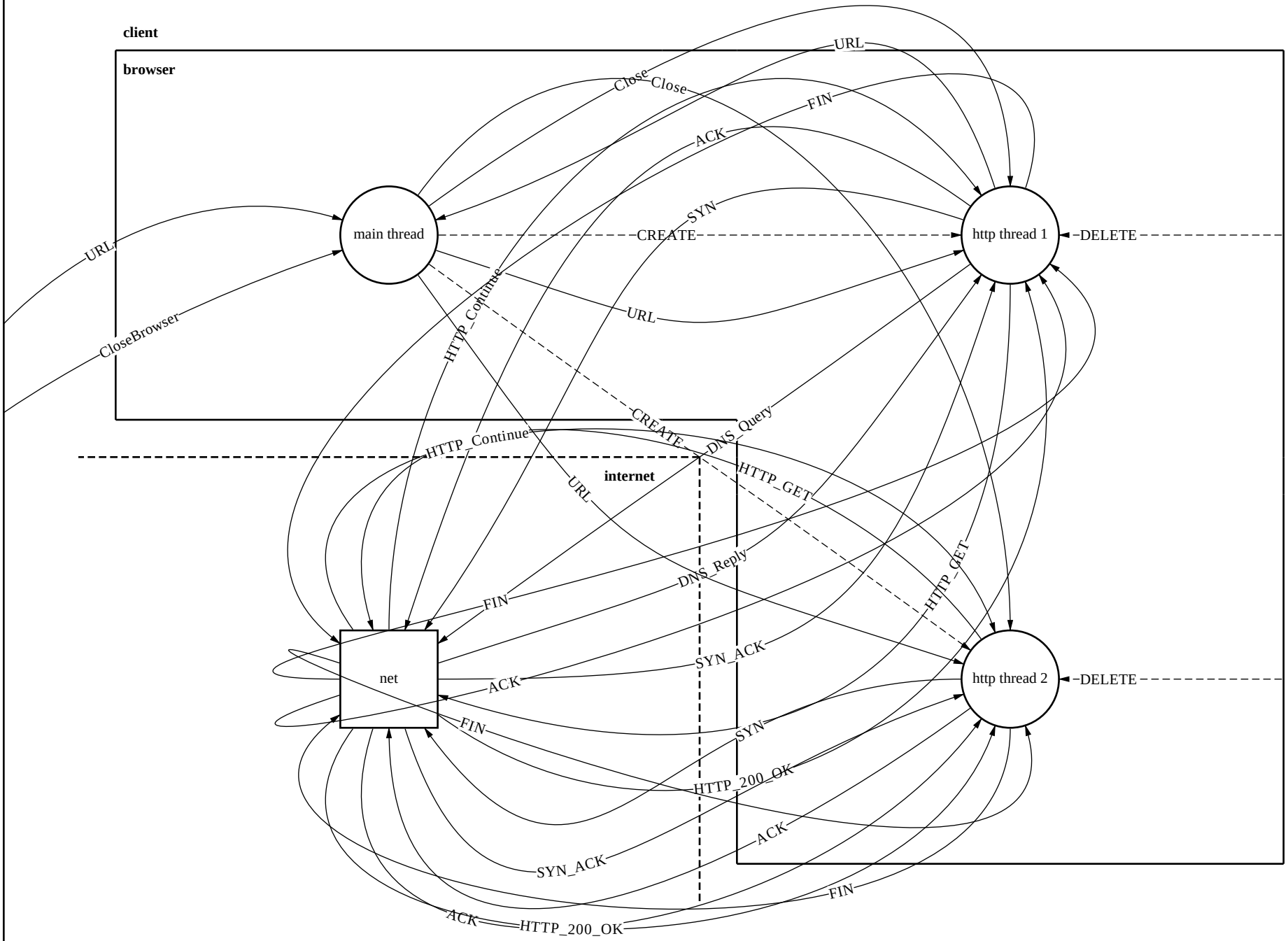

Client Node
Client
Client App
DELETE
Data
CREATE
Active_Open
Close
Client Socket
Close_Timer
FIN
SYN_ACK
SYN
ACK
TCP_Segment
Internet
Net
Network
FIN
ACK
TCP_Segment
ACK
SYN
SYN_ACK
ACK
FIN
FIN
Server Node
Server
Server App
Close
CREATE
Passive_Open
DELETE
Server Socket


Client Node
Client
Client App
Client Socket
DELETE
Data
CREATE
Active_Open
Close
Close_Timer
AckTimer
FIN
SYN_ACK
SYN
ACK
TCP_Segment
Internet
Net
Network
Server Node
Server
Server App
Server Socket
Passive_Open


Client Node
Client
Client App
DELETE
Data
CREATE
Active_Open
Close
Client Socket
Close_Timer
FIN
SYN_ACK
SYN
ACK
TCP_Segment
Internet
Net
Network
FIN
ACK
TCP_Segment
ACK
SYN
SYN_ACK
ACK
FIN
FIN
Server Node
Server
Server App
DELETE
Data
CREATE
Passive_Open
Close
Server Socket


Client Node
Server Node
Client
Server
User
Telnet
Telnet Server
Shell
Telnet Thread
Login_Name
CREATE
SYN
SYN_ACK
ACK
Welcome_Message
Login_Prompt
Login_Name
do_TERMINAL_TYPE
do_SUPRESS_GO_AHEAD
will_TERMINAL_TYPE
SB_REQUEST_TYPE_SE
SB_VT220_SE
do_ECHO
wont_ECHO
will_SUPRESS_GO_AHEAD
wont_ECHO
do_ECHO
CREATE
Password_Prompt
Login_Name
will_ECHO
CREATE
Welcome_Message
Login_Prompt


Client Node
Client
Server Node
Server
User
Telnet
Telnet Server
Shell
Telnet Thread
CONTROL_D
Password
InputText
DELETE
ACK
FIN
FIN
CONTROL_D
OutputText
InputText
Password_Prompt
Password
Signal
DELETE
InputText
Password
OutputText
CONTROL_D
Signal
DELETE


client
browser
main thread
http thread 1
http thread 2
net
internet
URL
CloseBrowser
CREATE
DELETE
Close
FIN
ACK
SYN
HTTP_Continue
DNS_Query
HTTP_GET
DNS_Reply
SYN_ACK
HTTP_200_OK