

Network Working Group
 Request for Comments: 145
 NIC: 6739
 Updates: 123
 Obsoletes: 127

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 4 May 1971

Initial Connection Protocol Control Commands

The following is my interpretation of the exchange between NCP's which would be necessary to carry out the Initial Connection Protocol of RFC #123. (This note corrects an error pointed out by Eric Harslem of RAND).

Server NCP

Listen for Connection L

STR, L, U, 32

Send 32 bits of data
 in 1 message on link l_A

(value is S)

CLS, L, U

STR, S+1, U+1, B_S

RTS, S, U+1, l_B

wait for connection

ALL, l_B , m_B , b_B

data sent to link l_C

data received on link l_B

User NCP

RTS, U, L, l_A

ALL, l_A , 1, 32

Receive 32 bits of data
 from link l_A (value is S)

CLS, U, L

STR, U+1, S, B_u

RTS, U, S+1, l_C

wait for connection

ALL, l_C , m_C , b_C

data sent on link l_B

data received on link l_C

l_A , l_B , and l_C , are links, m_B and m_C are messages allocations, b_B and b_C are bit allocations, and all other symbols are defined in RFC #123.

[This RFC is also available in .PS and. PDF format.]

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