

memorandum



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T10/04-258r0

To INCITS T10 Committee
From Michael Banther, HP
Subject ADT Non-link service frames with zero Frame Number

Date
10 August, 2004

Revision history

Revision 0 – Initial proposal.

Background

[ADTr12](#) specifies that the FRAME NUMBER of a Port Login Information Unit (IU), Port Logout IU, Pause IU, or NOP IU shall equal zero. However it does not specify how the receiver of such a frame should behave. This proposal adds normative text that requires the receiver to respond with a NAK IU with STATUS CODE equal to 43h, INVALID OR ILLEGAL IU RECEIVED.

Proposed change

6.3 ADT frame header

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A receiving port shall NAK any frame, except an acknowledgement IU, containing a header reserved bit equal to one. The receiving port shall set the NAK status code of HEADER RESERVED BIT SET.

Except for a Port Login IU, Port Logout IU, Pause IU, or NOP IU, a receiving port shall NAK any frame containing a FRAME NUMBER equal to zero. The receiving port shall set the NAK status code to INVALID OR ILLEGAL IU RECEIVED.