

memorandum



Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
USA
www.hp.com

T10/04-379r1

To
INCITS T10 Committee

From
Michael Banther, HP

Subject
ADT Discarding During Port Logout

Date
04 November, 2004

Revision history

Revision 0 – Initial proposal.

Revision 1 – Modifications as agreed at the 8 November 2004 meeting, see discussion item (d) of [04-385r0](#).

Background

The investigation for 04-350r0 *ADT Guidance on state machines* revealed that the existing ADT text does not state what a port does with non-acknowledgement information units received after it sends a Port Logout IU and before it receives an acknowledgement IU. During the discussion of 04-350r0, a consensus emerged that the port requesting the logout could discard these non-acknowledgement information units without acknowledging them.

Proposed changes to the draft standard

6.5.5 Port logout information unit

After sending a Port Logout IU and before receiving the corresponding acknowledgement IU, a port may discard without acknowledgement any frame, other than an acknowledgement IU, received.

Upon receiving a Port Logout IU, a DTD port shall:

- a) abort all open exchanges;
- b) disable Asynchronous Event Reporting;
- c) disable initiating Port Login exchanges; and
- d) set port operating parameters to default following transmission of the ACK IU for the Port Logout IU (see 4.2).