Minutes of Access Controls teleconference – 12 April 2000

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A conference call was held on 12 April 2000 from 11:00am - 1:00pm Central Time to review T10/99-245r7 by Jim Hafner (IBM). The call was hosted by Compaq Computer Corporation.

The next Access Controls meeting is at the SCSI CAP working group on 17 May 2000.

1.1   Attendees

Company	Name	Email
Compaq	Rob Elliott	Robert.Elliott@compaq.com
Compaq	Tod Rushton	Tod.Rushton@compaq.com
Compaq	Jim Pherson	Jim.Pherson@compaq.com
ENDL	Ralph Weber	roweber@acm.org
IBM	Jim Hafner	hafner@almaden.ibm.com
IBM	David Chambliss	chamb@almaden.ibm.com
IBM	George Penokie	gop@us.ibm.com
LSI Logic	Charles Binford	charles.binford@lsil.com

1.2   Technical Discussions

To work like other SCSI commands, the target needs to accept ACCESS CONTROL IN commands with too short of an ALLOCATION LENGTH rather than return CHECK CONDITION as indicated in rev 7. Allocation Lengths of 0 in particular are often used to test for support of a command.

Process Associators were recently removed from FCP-2, so the PA can be removed from the recommended FCP-2 TransportID text. The field previously used for the PA will be marked reserved.

The definition of when access controls take effect related to other tasks was discussed. Ralph Weber will propose text to define it.

The Grant All service action will be renamed the Grant Defaults service action. If a device normally doesn't present all of its logical units to initiators, Grant All should not unveil more logical units.

The target will report an error when it detects an access control conflict rather than try to partially fulfill the request.

If an invalid LUN is requested, the target will try to point to which LUN is invalid in the extended sense data.

The Manage ACL service action will perform a full "replace" of the current ACL rather than try to incrementally add or subtract from the current state. The initiator can use the generation number to guarantee atomicity of a read modify write sequence.

1.3   Action Items

- Jim will prepare revision 8, including technical changes discussed in this meeting and editorial changes received in email.