

Request for the reservation/assignment of Security Protocol value

To: T13 Technical Committee
From: Avraham Shimor
M-Systems Flash Disk Pioneers Ltd
for the IEEE P1667 Workgroup (Standard Protocol for Authentication in
Host Attachments of Transient Storage Devices)
7 Atir Yeda Str
Kfar Saba, ISRAEL 44425
Phone: +972 9 764 5106
Fax: +972 3 548 8666
Email: Avraham.Shimor@m-systems.com
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As previously presented, the IEEE P1667 Workgroup intends to adopt the SECURITY PROTOCOL IN and OUT commands introduced into SPC-4 as the basis for implementing the P1667 Standard Protocol for Authentication in Host Attachments of Transient Storage Devices in the SCSI/SPC-4 environment.

At this point of time, again as previously reported to T10, the P1667 Specification has not been completed and finalized yet, so at the moment we only request T10 to assign and reserve a Security Protocol value for the eventual use of the P1667 protocol.

In order to ensure synchronization with T13, we had submitted a corresponding request to T13, simultaneously with this request to T10. Following some email coordination between the T10 editor of the SPC-4 (Ralph Weber) and the T13 editor of the ATA8-ACS (Curtis Stevens), it was suggested that the next available value (from the top, high end) of EEh be assigned to P1667. Based on this, T13 indeed decided to assign and reserve the EEh value.

It is therefore our request from T10 to assign the same EEh value to P1667.

Detailed below the suggested revisions, corresponding to our request, recommended in tables 173 and 178 in the latest draft SPC-4 document.

NOTE: as the allocation of value EFh as decided in the Hilton Head meetings is not yet fully reflected in the most recent SPC-4 draft available at the time of the submission of this request, we took the liberty to add it into the relevant tables 173 and 178 below.

Table 173 – SECURITY PROTOCOL field in SECURITY PROTOCOL IN command

Value	Description	Reference
00h	Security Protocol Information	6.28.2
01h-06h	Defined by TCG	3.1.121
07h-EDh	Reserved	
EEh	Defined by IEEE P1667	TBD
EFh	ATA Device Server Password Security Protocol	
F0h-FFh	Vendor Specific	

Table 178 – SECURITY PROTOCOL field in SECURITY PROTOCOL OUT command

Value	Description	Reference
00h	Reserved	
01h-06h	Defined by TCG	3.1.121
08h-EDh	Reserved	
EEh	Defined by IEEE P1667	TBD
EFh	ATA Device Server Password Security Protocol	
F0h-FFh	Vendor Specific	