Minutes: TCG(SSWG) – T10 Teleconference
17 June 2004

Attendees

TCG attendees:

Jeff Wisted	Agere	
Lee Terrell	IBM	
Martin Rosner	Philips	
Gary Moorhead	Seagate	
Bob Thibadeau	Seagate	SSWG Chair
Michael Willett	Seagate	Recorded Minutes
Nicholas Szeto	Sony	
Steve Sletten	SUN	
Mike Fitzpatrick	Fujitsu	
Jim Hatfield	Seagate	
Phil Barila	Seagate	
Marc Noblitt	Seagate	
Gary Little	Seagate	

T10 attendees:

Robert Snively	Brocade Comm. Systems
Robert Nixon	Emulex
Ralph Weber	ENDL Texas
George Penokie	IBM
John Lohmeyer	LSI Logic Corp.
Vit Novak	Sun

Meeting was called to order at 2:00PM EASTERN Time.

Agenda

1)   Roll call
2)   SSWG and T10 Joint discussion:

o Introductions

o Additional agenda items

o Discussion to clarify TCG SSWG intent and working relationships.
  - T10 standardization process
  - TCG Charters
  - Release/sharing of TCG confidential information with T10
  - Conference calls and meetings.

o Definition of Trusted Commands
  -SERVICE ACTIONS vs. new Command Op codes
  - 12 byte CDBs vs. 16 byte CDBs

o Discuss if the Trusted Command should be new standard referred to by SPC-3 or included in a new clause within FCP.
  - Time frame to develop
  - Which version of SPC?

Discussion:

-   Steve Sletten (SUN) and Gary Moorhead (Seagate) moderated the telecon and will also serve as liaison between T10 and SSWG
-   Steve: main objective today is to establish a working relationship
-   Steve also attends T11
-   Mike Fitspatrick (Fujitsu and TCG/SSWG) attends T10/T11
-   Question: Is TCG affiliated with ANSI? NO; that is the purpose of working with T10 (and T13)
-   TCG has no official relationship with IETF/security or T11/Security, but we are familiar with that work
-   TCG is defining ROOTS OF TRUST
-   Note: Similar proposal is being submitted to T13 (Gerry Houlder) and will be discussed at the T13 meeting during 21-24 June
-   T10: open standards, no copyright
-   Copyrighted text from TCG can be released by the TCG Board
-   Mike F: Note that there are copyright notices on the PowerPoint charts
-   IP in T10 (and T13) = ANSI/INCITS:
    o RAND
    o Patent holder declares existence of IP (large companies like IBM need not identify the specific IP)
    o Bob T: TCG IP policy is RAND and disclosure of the existence of IP during the Exam Period (but not the specific IP)
    o Net: ANSI and TCG IP policies are quite similar
    o T10 Web site link leads to the IP lawyer for T10 and the policy
-   Bob T (TCG Board member and SWG chair): The TCG Board approves and monitors relationships with outside groups (in this case, through Bob)
-   Gary: return to Agenda
-   Steve: Can initially be a separate document; eg, SNIA/OSD… T10 letter ballot for changes or extensions
-   Add as an SPC extension instead of a separate document; perhaps initiated in SPC-3, but further details become part of the SPC-4 definition (better fit to schedule); SPC-3 is out for ballot (dues Nov), put in a placeholder (not the CDB parameters); discuss in the July meeting; do not know SPC-4 schedule (not yet planned).
-   Question: Secure the DEVICE or the PATH? Bob: Device, but secure messaging is defined by TCG

- Bob: Another issue = key management (OSD assumes the key got to the device somehow)
- TCG defines secure key storage and random number generation
- Question: Does the request apply to ANY SCSI device? YES, except for media changers (eg, CD/DVD)
- 12 versus 16 byte CDBs? Prefer 12.
- Command OpCodes versus Service Actions? Initial discussion was pro and con.
    o Do not need 3-level OpCodes below the Service Action
    o Gerry: But, need consistency with T13
    o Secure messaging: Function code in the clear (as with OSD; affected by what is encrypted); but, no privacy
- Need a function differentiator: IN, OUT (T13 request uses TRUSTED SEND and RECEIVE)
- SCSI: More like a "network"; ie, multiple command initiators; could make SCSI different than ATA
- Steve question: process for developing text? Conference calls off-line. Most of the technical work is from TCG; architectural and editorial help from T10
- Report into T10 normal meetings
- Note: OSD has a reflector, but the work is in SNIA
- TCG draft materials are not normally publicly available
- TCG commercial!: TCG memberships at $4K and $15K; liaison at $1K and TCG is actively recruiting members
- Question: Will the SPC-4 proposal be made at the July meeting? NO
- Two OpCodes requested to be reserved, no need to say WHY; future standards work; no premature promises
- Hot: references to ONLY ANSI accredited bodies – IETF, AIM
- Be careful in any overlap; eg, access control
- TCG is proposing the two OpCode request to both T10 and T13; some compromises might be required, but the SAME parent body
- Follow T10 editorial style and guidelines; early editorial help from T10
- Gary: Set of separate meetings? YES; Do we need an EARLY meeting BEFORE 12 July? NO
- Next joint telecon set for Monday, 19 July, 2 PM Eastern
- T10 participation = all on this telecon , plus a few more; TCG = about 8.
- Liaison report to T10 = Mike F; and from Bob to the TCG Board
- Question from Jeff W: What to do in the next telecon? Gerry: revise and re-submit the proposal; end of the week
- Change OpCode name? NO, TRUSTED COMMAND IN/OUT is traditional; T13 proposal – name change? Good to be different
- These minutes to be distributed to T10 (then T13) by Steve.

Actions

1) Michael: Extract and post ANSI IP policy
2) Michael: Check with Gerry Houlder on T10 and T13 proposal consistencies
3) Michael: Schedule next joint telecon (DONE):

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Monday, 19 July, 2 PM Eastern
dial-in 866 279 4742
passcode 255 5580

AGENDA:

o Introductions

o New agenda items

o Status from T10 CAP meeting and the TCG SSWG

o Definition of Trusted Commands
   This will be a technical meeting where we start working on the TRUSTED COMMAND IN/OUT commands.

o Next meeting
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4) Steve: combine these minutes with T10 attendees and other commentary; post to T10

Meeting ended at 3:30 PM EASTERN Time.

- THANKS TO ALL FOR ATTENDING