

APPROVED MINUTES OF THE JULY 1, 2005 FAIS AD HOC CONFERENCE CALL

A conference call of the T11.5 FAIS Ad Hoc group took place on July 1, 2005.

The following people were present:

AAROHI	Parag Bhide	parag@aarohi.net
BROCADE	Ed McClanahan	edmc@brocade.com
CISCO	Claudio DeSanti	cds@cisco.com
CISCO	Maurilio Cometto	maurilio@cisco.com
EMC	Anshul Chadda	chadda_anshul@emc.com
EMC	Greg Golubski	golubski_greg@emc.com
IVIVITY	Eddy Quicksall	eddyquicksall@ivivity.com
MCDATA	Larry Hofer	larry.hofer@mcddata.com
QLOGIC	Tru Dam	tru.dam@qlogic.com
TROIKA NETWORKS	William Chow	wchow@troikanetworks.com

A total of 10 people from 8 organizations.

1. Scheduled FAIS business

1.1 Port API Merge (05-405v1)

Ed McClanahan (Brocade)

Add Anshul to AI 69.

William said that FT/BI imply SCSI operating mode while it is also specified by the PortalMode in the Portal. Eddy commented that SCSI specifies operating mode so it seems this attribute should be in the SCSIPort object. Ed responded that the operating mode needs to be in the Portal since he needs to associate the Portal to a Region that differs between initiator and target modes.

William asked why we need an extra FT/BI object in the model. Anshul responded that it would be convenient to have an object that captured initiator or target-specific attributes, such as statistics and login policy.

Claudio asked whether we can accept this as a starting point, and consider alternatives in the August meeting. No objections were noted. An action item was assigned to Anshul to update the

API Proposal (05-008) to reflect the changes in 05-480v0. An action item was assigned to Ed to update chapter 5 in the draft specification to reflect the changes in 05-480v0.

1.2 API Proposal (05-008v7)

Anshul Chadda (EMC)

Ed asked whether the Provider can use the 64-bit value as an opaque value. Parag indicated that a LUN <256 needs to reference the same LU regardless of the addressing mode. William responded that this can be handled with different FITLs referencing the same FLU. It was agreed that we would add a statement indicated that the bytes must be specified in network byte order.

Removed “abort” from FITLPermission; there is now a new API call for this.

Anshul asked whether we needed a “permission” for FITL_Create. The consensus was: yes.

Anshul noted that the FIT is decoupled from the actual logins, i.e. they specify the initiator’s name prior to it being logged in.

Ed noted that INOUT is specified partially for the function arguments. The consensus was that IN/OUT would be removed from the argument list.

William asked why there was a type for mirror read policies, but not for writes. Anshul responded that no specific options were known. Ed indicated that one possibility is to support a write policy that supported sending a write to only one mirror child that could subsequently mirror the write to the other mirror childs. The consensus was to add a type for the write policy, with only one entry for a reserved range.

2. Unscheduled FAIS business

Larry asked about timeframes. Claudio said he would like to have updated and complete chapter 5 and 05-008 for the August meeting. He said that we can’t initiate letter ballot in August since we don’t have a full draft yet, but it may be possible to vote on the incorporation of these items for initiating letter ballot in the next meeting in October. He said that these documents must be posted at least 2 weeks prior to the August meeting.

3. Review of FAIS action items

New action items were reviewed. The list was updated as follows:

AI 9: Ed McClanahan will propose an approach for supporting failover in the event of CPP failure. (Opened 1/13/2004)

Deferred to phase 2. EM said this is blocked behind 04-402 completion as he needs to understand the Provider state that must be managed during failover. Target: ??? meeting.

- AI 22: Ed McClanahan will propose a draft for chapter 1 and 2. (Opened 5/8/2004)
Partially completed (only chapter 2). Still open. Target: August.
- AI 49: Ed McClanahan to incorporate 05-114v0 and 05-131v0 into the draft. (Opened 2/3/2005)
Open. Partially completed (131v0 already incorporated into 115v1). Target: 1st draft.
- AI 52: William Chow and Anshul Chadda will propose modifications to enhance processing of front-end commands.(Opened 3/4/2005)
Deferred to phase 2.
- AI 54: Maurilio Cometto to propose how Control event for XMAP would be supported. (Opened 3/14/2005)
Deferred to phase 2.
- AI 55: Ed McClanahan will incorporate the latest object model diagram into the draft standard. (Opened 4/6/2005)
Open. Target: August.
- AI 58: William Chow and Anshul Chadda will separate Client handling of control-path I/Os from faulted data-path I/Os. (Opened 4/6/2005)
Deferred to phase 2.
- AI 59: Ed McClanahan to make a proposal on how to make the conventions section consistent in the draft. (Opened 4/25/05)
Open.
- AI 60: Anshul Chadda and Ed McClanahan to address the creation or not of the BIT in the combined API proposal.(Opened 4/25/05)
Open.
- AI 63: Anshul Chadda will update 05-008 to specify how BITLSet policies and their corresponding BITL-specific weights are used. (Opened 6/8/2005)
Open.
- AI 64: Ed McClanahan will incorporate 05-404 into the draft standard. (Opened 6/8/2005)
Open.
- AI 65: Ed McClanahan and William Chow and Anshul Chadda will resolve whether a struct member can use the typedef of the containing struct. (Opened 6/8/2005)
Open.
- AI 66: Ed McClanahan will add entries for “transport port” (using 1.4.2.11.2 text) and “transport protocol” (editor’s discretion) in chapter 3 definitions. (Opened 6/8/2005)
Open.
- AI 67: Anshul Chadda will incorporate 05-405 into 05-008. (Opened 6/8/2005)
Open.
- AI 68: Ed McClanahan will incorporate 05-310 into the draft standard. (Opened 6/8/2005)
Open.
- AI 69: William Chow and Ed McClanahan **and Anshul Chadda** will propose modifications to 05-008 that supports FAIS_SCSI_Ports which can function as both initiator and target. (Opened 6/8/2005)
Open.
- AI 70: Anshul will update the API Proposal (05-008) to reflect the changes in 05-480v0.
New.
- AI 71: Ed McClanahan will update chapter 5 in the draft specification to reflect the changes in 05-480v0.
New.

4. Adjournment

A motion to adjourn the meeting was passed unanimously.