

FC-BB-2 Ad Hoc Meeting Minutes 0806

1. Introductions

Steve Wilson opened the meeting at 03:02 Hawaii Time on Monday, August 6th, 2001, in Waikoloa, HI.

2. Approval of the 08/06/01 BB-2 Meeting agenda: Agenda was approved.

2.1 Previous Ad-hoc minutes were approved.

3. Review of old BB-2 action items:

ACTION ITEM #4: Steve Wilson to request management companies to discuss discovery techniques. Carryover.

Action Item #12: All to investigate interoperability issues with respect to Norm's proposal. Carryover.

Action Item #14 – Mike Ascher to post Management presentation on the T11 website. Done.

Action Item #15 – All to investigate new requirements for management and forward them to Steve Wilson.

Action Item #16 – Steve Wilson to look at management and fabric configuration server extensions to support FC-BB-2.

Action Item #17 – Andy Helland to explore latency pinging mechanisms for FC-BB-2. Done

Action Item #18 – McDATA to present FCIP Management MIB Update.

4. Old Business: None

5. Scheduled New Business:

5.1 IETF WG and FCIP SubWG Status Update – Murali Rajagopal presented an unposted document.

Revision 5 of FCIP will be out around August 17th.

Revision 2 of the Common Encapsulation document will be out on August 2nd.

An interim FCIP authors meeting will be out on August 27th and 28th.

Charles Monia discussed the latest to iFCP. Revision 3 had extensive editorial rework and submitted iSNS client source code to IPS Repository.

5.2 BB-2 Models – Murali Rajagopal presented 01-382v1- the second revision of FC-BB-2 and 01-384v0.

Murali explained how he is trying to combine the mappings of SONET and ATM in FC-BB and the mapping of FC to the IP network in FC-BB-2. Objections were raised to Figure 1. This figure will be reworked.

5.3 FCIP r02 Text for Consideration in FC-BB-2 – Ralph Weber presented 01-322v1.

Ralph discussed the requirements that FCIP is placing on FC-BB-2. This presentation basically describes many features that FCIP won't define and will require BB2 to define. Murali will use this document for the basis of many topics

Action Item #22 – Murali Rajagopal to incorporate document 01-322v1 into the next draft of BB-2.

Action Item #23 – Murali Rajagopal to post to the reflector a list of topics that the group needs to address and ask for companies to volunteer to make presentations on these topics.

5.4 FC-BB-2 Latency Measurement – Andy Helland presented an unposted document.

Andy discussed the changing environment of SANs and how storage keeps getting farther and farther apart causing latency. He believes that applications should be aware of topology and latency. UPSR is Unidirectional Path Switch Rings. BLSR is Bi-directional Line Switched Rings. Questions were raised as to how much of a performance gain is there for implementing new link costs.

5.5 FC-BB-2 Schedule – Steve Wilson lead the discussion.

Steve believes that we will not be going to letter ballot in December.

We would like to begin surfacing different topics over the reflector. Some topics that will need to be explored are:

Timeouts – particularly DS_TOV.

Timer Negotiations - across the fabric

Routing.

7. Review of BB-2 Action items and Status.

7.1 Status:

The goal of BB-2 is to have this standard sent out to letter ballot by April 2002. Steve will plan on letting certain issues die from lack of interest if no one supports them. FC-BB will focus on the FCIP work and add other topics of interest when proposals are brought forward. Management and Routing are topics that we would like to see proposals for. Murali will raise some topics that will need further work based upon his review of 01-322v1.

A vote will be taken in October as to whether SANcastle's mapping of FC to GbE will be included in BB-2.

7.2 Action Items

ACTION ITEM #4: Steve Wilson to request management companies to discuss discovery techniques. Carryover.

Action Item #12: All to investigate interoperability issues with respect to Norm's proposal. Carryover.

Action Item #15 – All to investigate new requirements for management and forward them to Steve Wilson.

Action Item #16 – Steve Wilson to look at management and fabric configuration server extensions to support FC-BB-2.

Action Item #18 – McDATA to present FCIP Management MIB Update.

Action Item #19 – Norm Harris to rework his FCIP proposal to relate to the current version of FC-BB-2.

Action Item #20 – Steve Wilson to send out a reflector message saying that there will be a vote on the inclusion of SANcastle’s mapping of FC to GbE in October.

Action Item #21 – Murali Rajagopal to add a note in BB2 to say that BBW SONET mapping is different from the native SONET mapping being defined in 10GFC.

Action Item #22 – Murali Rajagopal to incorporate document 01-322v1 into the next draft of BB-2.

Action Item #23 – Murali Rajagopal to post to the reflector a list of topics that the group needs to address and ask for companies to volunteer to make presentations on these topics.

8. Meeting Schedule:

8.1 Future Meetings: 4 hrs at next T11 meeting.

9. BB-2 WG Meeting adjourned at 5:37 pm.

10. Attendees:

Attendee	Company
Steve Wilson	Brocade
Scott Kipp	McDATA
Douglas Nast	Boeing
Ken Hirata	Vixel
David Peterson	Cisco
Murali Rajagopal	Lightsand Comm.
Michael O’Donnell	McDATA
Claudio Desanti	Andiamo
Bill Martin	Gadzoox
Ralph Weber	ENDL
Masumitsu Kai	Sony
Jeff Mendiola	Sony
Greg Koellner	Inrange
Naoki Watanabe	Hitachi
John Tyndall	Crossroads

Neil Wanamaker	Akara
Andy Helland	Lightsand
Paul Suhler	Seagate
Rendell Fong	SANvalley
Jim Nelson	Vixel
Bob Kembel	Inrange
Neil Wanamaker	Ankara
Adil Adi	Worldlink
Lamont Grandquist	Boeing
Ken Hirata	Vixel
Andy Helland	Lightsand
Norm Harris	Sancastle
Horst Truedtedt	Truefocus

These minutes submitted by Scott Kipp. Any discussion items or important points that have been accidentally omitted or incorrectly reported should be appended to the fc reflector (i.e. used by T11.3 TG for business and technical discussion).