

Attendees:  
Leon Bruckman  
Robert Castellano  
Marc Holness  
Peter Jones  
Michael Kelsen  
Glenn Parsons  
Mike Takefman  
Gary Turner  
George Young

11/14/2005

Monday PM Meeting opens 13:40

Secretary for this meeting - Peter Jones  
Greeting from chair.

Chair:

- reads patent policy
- discusses future session schedule.
  - Teleconference for January?
- discusses goals of this session, agenda, presentations, etc

Motion 1: 13:50

- Move to approve the agenda
- M:Takefman S:Jones: Unanimous

Chair:

- Discusses upcoming EC vote for changes to PP re voting rights.
  - Proposed change is to the “window” for gaining/losing voting rights (from 4 plenaries to 3 plenaries)
  - Straw poll – 5 for, 2 against.
  - Discussion of pros/cons of the change.
  - How would this affect 802.17?
  - Ends ~14:25
- Discusses new PARs for this week – 14:16 to 14:20
  - P802.11y
  - P802.16i
  - P802.22.1
  - No objections from the group

Need to correct naming of current 802.17b draft. Ottawa interim said D2.0, should have been D1.1. Chair instructed Editor to change numbering, Editor went ahead, need motion to confirm.

Motion 2 – 14:22

- Move to retroactively amend the naming of the 802.17b draft D2.0 to D1.1 in motion 1 of the September Interim Session
- M: Takefman S:Holness Unanimous

Current Status review – 14:25 – 15:00

- Where are we at, when will 802.17b finish?
- What next? Discussion of some project ideas.

Break for coffee etc – 15:00 – 15:30

Editors Status report – Marc Holness - 15:30 – 15:45

Flooding presentation - Mike Takefman – 15:45 – 17:48

- Much discussion
- Mike’s point of view understood
- Issues:
  - Concerns that this “defeats” the SAS multicast scoping.
    - Would need to avoid learning from “scoped multicast” to have multicast scoping work with this proposal.
  - Concerns about the suggestion that a SAS station could force the rest of the SAS stations on the ring to use a defined cleave point algorithm.
    - Required to support some simple architectures
    - Means that adding a “simple SAS station” on the ring impacts the services offered by a more complex station that has a “flexible” cleave point algorithm.
    - No consensus yet on the trade-offs.
- Plan of action:
  - Revisit Thursday

Will restart at 8:30 am Tuesday.

11/15/2005

Tuesday AM Meeting opens 8:31am

Secretary for this meeting – Mike Takefman

Motion 3 8:32am

Move to approve the agenda

M:Takefman S:Holness – Unanimous

Comment Resolution of P802.17b D1.1 begins

11:45 Break for Lunch

Afternoon Meeting begins at 1:10

Comment Resolution of P802.17b D1.1 continues

6:08 Recess

11/16/2005

Wednesday AM

0845 meeting called to order  
Secretary for this meeting – Mike Kelsen

Motion 4 8:45am  
Move to approve the agenda  
M:Takefman S:Holness – Unanimous

0847 start of comment resolution

1150 break for lunch

1320 resume comment resolution

1440 break for snacks

1455 resume comment resolution

1758 recess for the day

11/17/2005

Thursday AM

8:32am meeting called to order  
Secretary for this meeting – Mike Takefman

Motion 5 8:36am  
Move to approve the agenda  
M:Takefman S:Holness – Unanimous

8:38am IPoRPR Comment Resolution – Glenn Parsons

9:45am Break 15 minutes

10:00am Future Brainstorming

10:30am SAS Multicast Scoping Brainstorming

- Presentations from Peter, Mike, Marc and Robert on various ways to perform SAS Multicast scoping. The concensus (though not unanimous and not binding) was that the following features were required:
- 1) Bi-directional, balanced flooding (i.e. the mlt\_flood\_01.pdf proposal) should be supported
  - 2) Multicast scoping should have the following features
    - a. Scope basic frames without SAS learning

- b. Scope extended frames without SAS learning
  - c. Scope extended frames with SAS learning
  - d. Scope client frames with 4 addresses without SAS learning
- Note: a,b,c get a 2 address frame from the client (as compared to d)
- 3) How a frame is processed can be controlled by the following
- a. Configuration of the Multicast Table
  - b. Client supplied request parameter(s)

In considering the client supplied request parameter(s) the consensus was that the following 4 ordinal values were acceptable for the sas\_request variable. Although the exact wording could change, the value SIGNED refers to whether the SAS\_GROUP\_ADDRESS is the outer DA of the frame (hence causing learning)

OFF, (sas\_off, not signed, not mc\_scoped, no directed unicast)  
 UNICAST\_SIGNED, ( sas\_on, signed, directed if known, no mcast scope)  
 MULTICAST\_UNSIGNED, (sas\_on, not signed, mcast scope)  
 ANY\_SIGNED (sas\_on, signed, directed if known unicast, multicast scope)

Need to insure that if the user sets unicast\_signed on a multicast (more importantly broadcast) then it will be signed but not scoped.

- 12:55pm Break for Lunch
- 2:35pm Restart
- 2:40pm Continue the discussion on SAS Multicast

Various straw polls were taken attempting to get a sense of the consensus around the features / implementation. Chicago rules used to select the choice with the most support

Bi-directional Balanced with signaling to indicate that a station requires this mode of operation (4 of 6 preferred)  
 Bi-directional Balanced with user configuration (3 of 6)  
 Bi-directional Balanced as the only method of flooding / cleave point (1 of 6)  
 No Bi-directional Balanced support (0 of 6)

Support for multicast scoping / learning modes (item 2 above).  
 All 4 modes supported (5 of 6)  
 Modes a,b,d only (1 of 6)

Support for method of determining frame processing mode:  
 Table + User Indications, Indication wins conflict over table values (4 of 6)

Table + User Indications, Table includes don't care values but  
table wins conflict with indication (3 of 6)

Table only (3 of 6)

Indication only (1 of 6)

Attempt to agree on how to proceed on the issue of bi-directional  
balance flooding and multicast scoping. Agreement to write it up  
and provide within the draft but with editors notes marking it as  
unapproved text (and a second copy of any tables or paragraphs  
where there is a conflict between the original text and the new  
text). This gives people a complete specification to consider as  
compared to slide-ware. A separate ballot will be run in parallel  
with the WG ballot to comment / vote on the proposal and indicate  
changes to it that would allow it to be accepted as the baseline text.

3:10pm 802.17b Editorial Comment Resolution

5:21pm

Revisit deferred to WG comments and quick review of minutes on  
Multicast scoping along with straw poll results for correctness.

Motion 6 5:23pm

Move to approve the minutes of the following sessions: July 2005, September  
2005.

M:Holness S:Castellano – Unanimous

Motion 7 5:32pm

Move to hold 802.17b Comment Resolution Teleconferences on January 17/18,  
2006 and to authorize the group to progress the 802.17b project including the  
scheduling of other teleconferences.

M:Castellano S:Holness – Unanimous

Motion 8 5:34pm

To authorize the editor to create a proposal encompassing: bi-directional balanced  
flooding and multicast scoping based on the concepts from the various  
presentations (pj\_sas\_flood\_scope\_01, mlt\_sas\_flood\_scope\_01,  
rc\_sas\_flood\_scope\_01, mh\_sas\_mcast\_scoping) and straw polls for the methods  
with the largest amount of support (as given in the minutes).

M:Takefman S:Kelsen – Unanimous

Motion 9 5:35pm

To authorize the editor to create P802.17b/D1.2 based on P802.17b/D1.1 and the  
comment resolutions and motions from this session.

M:Takefman S:Kelsen – Unanimous

Motion 10 5:36pm

Direct the WG chair to begin a 30 day WG ballot on P802.17b/D1.2

M:Takefman S:Turner – Unanimous

Motion 11 5:37pm

Request the WG chair to begin a 30 day WG ballot on the multicast scoping proposal as documented in P802.17b D1.2

M:Holness S:Turner – Unanimous

Motion 12 5:38pm

Move to Adjourn

M:Turner S:Holness - Unanimous

5:39 Adjourn