802.1 Interim Meeting, 6/96, Wakefield, Mass.
Rosemary V. Slager
June 18, 1996

The minutes from this interim meeting are going to be in three main sections:
1) Opening Business
2) A list of the presentations with references to copies of the presentations (all electronic copies available on the ftp server.)
3) Closing business, including a text of all resolutions.
4) Other Business, handouts (misc.)

**** PART 1, 802.1 BUSINESS
****
802.1 Business: (6/4/96, 9 AM)
-Meeting Details - Anil Rijsinghani
-Minutes - Slager
      (The minutes from the LaJolla meeting are on the ftp server, these are to be approved at the Twente meeting, please review.)
-Documents - Keen
-Votes and voting - Keen
-Emailer - Lidinsky
      p8021@hepnrc.hep.net (not nic.hep.net nor hepnet.hep.net)
      Issues?
-Twente - Lidinsky
      Who? Poll -----> about 40
-Pre-meeting motion: made by Tony Jeffree, second Chambers
      No objections, one abstention, therefore, we will have a pre-meeting 9a AM 7/8/96, in Twente.
-FTP Server - Lidinsky moving soon, (all but Hal can deal with pdf files...)
-802 Executive Committee
      Don Loughry resigning - Elected VP of IEEE stds Board
      John Montague resigning - new work assignment
      Soliciting nominations for 802 Chair

After chair is chosen, all non-working-group members of Exec. will be
elected.

-To be sent out to 802.1 mailer

Duties of non-working group members

Procedures

-802.1 Secretary

Hal Keen will no longer be able to attend 802 meetings

If interested, see Hal or me

-802.1Q and 802.1p objectives and agenda - (Mick)

Seaman:

802.1 6/96 Interim

VLANS (802.1Q)

Meeting Objectives

1. Define the basic/a working structure and organization for 802.1Q …
Instruct editor(s) for those areas of the document we know well.

2. Develop further areas of work (beyond basic formats and forwarding) to
get to either/or decisions.

3. Provide further time for tough topics.

Resulting vLAN Agenda:
Presentations:
1. IP Integrated services over Ethernet style networks - Don Hoffman
-IETF/ISSLL coordination - Don Hoffman, Raj Yanatkar
2. ReSynch on vLAN frame format - Anil
3. Dancing Bears2 - Steve Horowitz
4. Editing Mechanics - Tony Jeffree

5. End station tagging

6. Priorities for Multimedia

7. 802.1 Class of service alternatives - Norm Finn

8. Applying 8021p

9. Embedding priority in addresses

10. vLAN configuration - Cabletron

11. vLAN Mgt & MIBs

12. vLAN Distn.vLAN ARP

13. vLAN link state topology

14. vLAN implicit tagging

**** PART 2, Presentations
****

(All times are estimates /guess-timates)

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-time-   -documentID-
Tuesday, 96/06/04:---------------------------------------------------
10:30am  d96n100.ps   ISSLL, IP integrated services over Ethernet-style
         networks, Don Hoffman (Sun): (was IEEEtalk.ps)
         SBM.ps (referred to in above presentation)
11:50am  d96n101.txt  Recap of ... where we are wrt 802.1Q,
2:30pm   DancingBears2, on server, in q-drafts directory, Steve Horowitz
3:45pm   d96n102.txt   802 standard process: Tony Jeffree

Wednesday, 96/06/05:--------------------------------------------------
8:00am   d96n103.txt   Applying 802.1p: Norman Finn (Cisco)
         "   .pdf
         "   .ps
9:10am   d96n104.pdf   802.1 Class of Service Alternatives: Norm Finn
         "   .ps
10:20am   d96n105.ps   Embedding Priorities in Addresses is Problematic:
         Keith McCloghrie
10:45am   d96n106      Priorities for Multimedia traffic: Gideon Prat
         (see author)
11:15am   d96n107.txt  End-station Tagging: John Wakerly (Fore)
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2:15pm   d96n108   vLAN ARP: Eric Gray (Cabletron)
          (see author)
2:45pm   d96n109   vLAN management & config'n: Ted Len (Cabletron)
          (see author)
3:15pm   d96n110   vLAN Link State Topology: Laura Kane (Cabletron)
          (see author)
3:45pm   d96n150.txt   recap/resolution tagging: John Wakerly (Fore),
          2 alternatives
          recap/resolution tagging: Anil (DEC),
          2 Alternatives -properties
          recap/resolution tagging: from John Wakerly,
          Steve Haddock's topology

I am trying to get some of the (see author) documents on the server, check
for their availability by number.

Thursday, 96/06/06:---
8am-12pm   resolutions, etc. (d96n119.txt)
          Resolution: Move priority for unicast from 802.1p to 802.1Q
          Resolution: Add priority to vLAN tag? intent to discuss
          Resolution of intent to decide on 2 interpretations
          Resolution: IETF ISSLL
          Jeffree resolution: editing on 802.1Q

**** PART 3, Resolutions
****

802.1 Resolves that: 96/6/6

At the 6/96 interim meeting of 802.1 contributions on the removal of the
capability to register priority for individual (unicast) addresses using
802.1p were discussed and seemed to receive widespread support.

802.1 requests comments from its members as ballot comments on
802.1p/D3.

Further, 802.1 believes that resolution of ballot comment at the 7/96 Twente meeting is likely to lead to removal of the capability in favor of priority signalling in the 802.1Q vLAN tag. 802.1 invites further comment and contributions on this issue prior* to the twente meeting.

*Distribution to the 802.1 email exploder by 6/28/96

Moved: Keen   Second: Hart   Y: 29   N: 0   A: 1

802.1 resolves that:

At the 6/96 interim meeting of 802.1 contributions on the inclusion of a priority field within the vLAN tag and perhaps as 3 bits of the vLAN ID, were discussed.

802.1 wishes to notify all its members of its intent to discuss the structure of the vLAN ID at the 7/96 meeting in Twente, addressing this and other vLAN ID structure issues which have been raised.

It is anticipated that a resolution on this urgent issue will be considered in Twente with the objective of establishing a firm basis for further work on 802.1Q. Further it is anticipated that a ballot of a draft of 802.1Q to be produced after the Twente meeting will allow consideration of detailed resolution and text on this issue.

802.1 requests further comment & contribution on this subject prior* to the Twente meeting.

*Distribution to the 802.1 Email exploder by 6/28/96.

Moved: Wakerly   2nd: Hausman   Y: 31   N: 0   A: 1

802.1 Resolves that:

At the 6/96 interim meeting of 802.1 it was discovered that there were 2 possible interpretations of the proposed 802.1Q vLAN tag for 802.5/FDDI selected at the 3/96 La Jolla meeting.

802.1 has prepared a description of the alternate interpretations and an initial list of pro's and con's (to be Emailed to 802.1 by 6/14/96) and is treating the selection of a single, thoroughly documented approach as urgent.

This issue will be considered at the 7/96 meeting in twente with the intent of reaching preliminary resolution at that meeting, inclusion of the chosen method in a draft of 802.1Q, and confirmation through a working group ballot commencing soon after the twente meeting.

802.1 requests comment & Contribution on the 2 alternatives (or other as yet unidentified interpretations) prior* to the twente meeting.

802.1 requests comment & contribution on the 2 alternatives (or other as yet unidentified interpretations) prior* to the twente meeting. Contributions received will be discussed at the meeting even if the author(s) are unable to attend.

*by 6/28

Y: 29   N: 0   A: 1

802.1 Resolves that:

At the 6/96 interim meeting of 802.1 members of the IETF presented on the subject of ISSLL (Integrated Services over specific lower layers).

802.1 solicits further contributions on the relationship between
802.1/802.x priority mechanisms and the
quality of service requirements of the IETF ISSLL.

Moved: Jeffree   2nd: Chambers   Y: 30 N: 0   A: 0

802.1 instructs the editing team for P802.1Q (see attached) to develop
the following areas of the document (Details attached),
using input from documents & presentations discussed during meetings
of 802.1 to date, plus any contributions received by the team. This
material will be made available to Tony Jeffree by 28th June, 1996,
to allow him to collate the material and develop P802.1Q/D1
for input to the discussions in the Twente meeting in July '96.

Moved: Jeffree   2nd: Chambers   Y: 30   N: 0   A: 0

P802.1Q Editing

Proposed work areas:
- Develop Aims & benefits in section 1 (Anil)
- Develop Architecture section to include more explanation of what
we think vANs look like (implicit/explicit tagging, line types ... (etc.)
(Paul) - Section 2
- Priority handling (Richard) - Section 4
- Frame Formats & translators (Anil) - Section 5
- Grammars (Tony) - Section 6
- Spanning Tree (Michele) - Section x

Editing Team:
Tony Jeffree
Anil Rijsinghani
Richard Hausman

Michele Wright
Paul Langille
PJ Sing

**** PART 4, Other Business (Misc.)
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"hardcopies:"
d96n111:Draft Standard for Virtual Bridged Local Area Networks,
P802.1Q/D0
d96n112:letter from ascom Timeplex to IEEE standards dept. - patent
5,394,402 issue
d96n113:letter from Bay Networks IEEE standards dept. - patent issue