

# IEEE 802.1 Minutes, July 2002

## Opening Plenary, Monday, July 8, 2002

### Agenda – Tony Jeffree

#### Website – Tony Jeffree

Web site <http://grouper.ieee.org/groups/802/1/index.html>

Username p8021

Password go\_wildcats

An alternate path is <http://www.ieee802.org/1>

#### Executive Meeting Review – Tony Jeffree

10 gigabit has been approved

Get802 - Has been reinstated. Current standards only, PDF Only, Six month wait, three year pilot, annual review, and sponsorship. Some more discussions. In the second year of the 3 year review.

Need to increase industry sponsorship to meet budget goals.

OID arcs - Tony to draft an 802 chair guideline. Final game is to amend P802.

Coexistence activities (wireless) - some progress is being made. Trying to get wireless folks to coordinate their efforts.

New 802.18 - Regulatory TAG - wireless regulatory issues

.15.4 - conditional approval

Rules changes

Electronic balloting – Current rules are behind the current way working groups operate.

Effort underway to get the rules updated.

Sponsor Balloting pools - need updating. Many email addresses are outdated. The recommendation is to use the IEEE-SA website, which allows you to get an email address at [ieee.org](http://ieee.org). This address can then be forwarded to your current address.

802.9 - Reactivate for EFM. 802.3 model doesn't fit as well. .9 fits better. Current idea is to add an optical PHY.

#### 802.1 Patent Policy – Tony Jeffree

Review of the patent policy.

#### Interim Meetings – Tony Jeffree

Had an offer from 802.3/802.17 interim.

New Orleans, week of 30 Sept

Have been offered Wednesday mid-day through Friday mid-day

Should have plenty to occupy us (s, maintenance items, discovery, MAC services)

Decide Thursday.

#### Task Group Work This Week - Mick Seaman

802.1s – Re-circulation done, some remaining comments. Tuesday AM

Other stuff

PON - .3 is asking us to look at and comment on.

Bridge Shim - 802.17 stations

Ethernet Provider Services - IETF L2 VPN, they are reinvented bridging. Need to pay attention and help them.

MEF - Metro Ethernet Forum. <http://www.metroethernetforum.org/>

W/X defects (Y and AA)

Discovery protocol - PAR plus tech work

Pre-authentication

Adding OID stuff to the O&A

MAC service PAR  
802.3 Interpretation Request

Week's Schedule – Mick Seaman

Monday	3:00 - 5:00	.1x Pre-authentication .1x Maintenance
Tuesday	9:00 - 10:30 11:00 - 12:30 2:00 - 5:00	.1s Ballot Resolution Discovery Protocol PON Architecture Bridge Shims
Wednesday	2:00	Ethernet Provider Services
Thursday	9:00	Closing Plenary

Pre-authentication Bernard Aboba, Microsoft

Presentation is on the 802.1 website  
relationship of .11i and .1x  
No concept of port  
Both .11i and .1x need threat model  
What is role EAP and RFC2284bis  
Discussion

Several folks are concerned with what 802.11i is doing and  
how to modify 802.1x to make it work in 802.11.  
Need to be clear where .1x works and where .11i works.  
Need to be very clear about what the 802.1x assumptions are.

.1x Maintenance – Tony Jeffree

Review of the current draft so we can understand the current state.

## **Tuesday AM, July 9, 2002**

802.1s Ballot Review – Tony Jeffree

Les Bell has a no vote which we must review  
Mick has some comments

Discovery Protocol - Paul Congdon

Review of the current draft of the discovery protocol paper.

## **Tuesday PM, July 9, 2002**

PON Paper - Norm Finn

Norm will take the "sense of the room" back to .3ah. .1 thinks the ideas presented will  
work and if .3 request .1 to do some of the work.

Bridge Shims - Norm Finn

802.17 is working on ring routing issues. The doc Norm discussed is steering-issues.pdf  
in the docs2002 directory of the 802.1 website.

## **Wednesday AM, July 10, 2002**

Joint .11i and .1 meeting

Follow-up on several issues between .11 and .1 specifically the use of .1x in .11 world.  
New document .1aa. .1 thinks .1aa is close to meeting the requirements of .11 key  
exchange.

Two question. Is .1aa okay?

Key descriptor in .1aa with pointer into .11i.

What comes after?

Need input from .11i into .1 and vice versa. List of 2 - 4 names from .11i for .1aa drafts.

Temporary MAC Addresses for Anonymity, Jon Edney.

Currently on 802.11 website.

With MAC address fear is can build up database of information about user.

Create a temp MAC address so no information can be gained from MAC address.

Discussion of presentation

This presentation will be put on the .1 website.

## **Wednesday PM, July 10, 2002**

Liaisons for 802.11i – Tony Jeffree

Liaisons for 802.11i were chosen. They are Norm Finn, Paul Congdon, Floyd Backes, and Michael Wright

Tony will bring up website access issue in Friday's exec meeting

Extensions to 802.1x MIB - David Nelson, Enterasys Networks

The presentation and mib doc will be on the website

Is this an architecturally acceptable approach?

Can this MIB Extension be considered for inclusion in the next draft of 802.1aa?

Ethernet Provider Services - Norm Finn

Discussion.

Is this work that .1 would like to handle?

How is the best way to handle?

Sense of the room is this is something that .1 should do.

Come up with a PAR at interim to vote in November

How to break down the PAR?

Discussion.

## **Closing Plenary, Thursday, July 11, 2002**

Discussions of Ethernet Service Provider - All

How would the work be shaped? Multiple PARS, a single PAR that defines an architecture? This in turn will generate more PARS. This is probably the way it will work out.

Administrative Issues – Tony Jeffree

Voting membership

Minutes March/May

Website address and password

802.1 Patent Policy

802.3 interpretation request – Tony Jeffree

**“7.7.1 Enforcing topology restriction**

Each Port is selected as a potential transmission Port if, and only if

a) The Port on which the frame was received was in a forwarding state (8.4), and

b) The Port considered for transmission is in a forwarding state, and

c) The Port considered for transmission is not the same as the Port on which the frame was received, and

d) The size of the mac\_service\_data\_unit conveyed by the frame does not exceed the maximum size of mac\_service\_data\_unit supported by the LAN to which the Port considered for transmission is attached.

For each Port not selected as a potential transmission Port, the frame shall be discarded.”

A similar statement is made in 8.7.1 of IEEE Std 802.1Q.

These clauses clearly require a conformant Bridge to discard, and not transmit, a frame that exceeds the maximum frame size supported by the transmitting MAC. In the context of this interpretation request, the maximum frame size supported by an 802.3 MAC is defined in 3.2.7 of IEEE Std 802.3.

Motion: 802.1 approves the above interpretation

Move: Finn Second: Wright

Y: 9 N: 0 A: 0

## Motions

802.1 resolves to hold an interim meeting in New Orleans, on the Wed/Thurs/Fri of the week of 30<sup>th</sup> Sept 2002 (2<sup>nd</sup> – 4<sup>th</sup> Oct), co-located with 802.3 and 802.17

Proposed: Simonson

Second: Wright

For: 9

Against: 0

Abstain: 1

802.1 instructs the Editor for 802.1s to revise the document in line with the dispositions of comments agreed, and issue the revised draft (D14) for a recirculation ballot before the end of July 2002.

Proposed: Finn

Second Wright

For 10

Against 0

Abstain 0

802.1 instructs the Editor for 802.1aa to issue the current draft (D3) for a Working Group ballot before the end of July 2002.

Proposed: Congdon

Second: Wright

For 10

Against 0

Abstain 0

802.1 instructs the Editor for 802.1y to issue the next draft (D3) for a Task Group ballot in the Aug/Sept timeframe.

Proposed: Seaman

Second: Finn

For 8

Against 0

Abstain 0

802.1 instructs the interim Editor for 802.1ab to circulate an initial draft (D0).

Proposed: Congdon  
Second Wright  
For 9  
Against 0  
Abstain 0

802.1 requests conditional approval from the SEC to issue 802.1s (Multiple Spanning Tree) for Sponsor ballot, pending completion of the recirc of D14 as per current rules.

Proposed Finn  
Second Wright  
For 10  
Against 0  
Abstain 0  
SEC  
Proposed Jeffree  
Second

802.1 requests approval from the SEC to forward the 802.1ab PAR (Discovery protocol) to NesCom.

Proposed Congdon  
Second Jarvis  
For 10  
Against 0  
Abstain 0

802.1 requests approval from the SEC to forward the 802.1ac PAR (MAC Service revision) to NesCom.

Proposed Seaman  
Second Wright  
For 10  
Against 0  
Abstain 0

802.1 approves the March and May meeting minutes, subject to Norm's correction.

Proposed Seaman  
Second Wright  
For 8  
Against 0  
Abstain 2

802.1 approves the response to 802.3ah liaison request letter  
The response is on the website

Proposed FINN  
Second Wright  
For 9  
Against 0  
Abstain 1

Motion to adjourn

Proposed Wright  
Second Jarvis  
Unanimous

Qualify Attendance

This is a list of the attendees that had qualified attendance, four meetings.

Michael Wright  
Tony Jeffree  
Michael Thorstan  
Norm Finn  
Gerard Goubert  
Floyd Backes  
Hesham Elbakoury  
Steve Shadix  
Ran Ish-Shalom  
Christoph Muench  
Karl Weber  
Paul Congdon  
Loren Larsen  
Neil Jarvis  
Mick Seaman  
Laura Bridge  
Curtis Simonson  
Frank Reichstein  
Ilan Yevushalmi