January 12, 2015 Local Address Study Group IEEE Interim, Atlanta

Local Address Study Group called to order at 6:30pm

Stephen Haddock gave introductory remarks including presenting the patent policy. No response to the call for patents.

Presentation by Roger Marks

 <http://www.ieee802.org/1/files/public/docs2015/lasg-marks-local-address-switching-0115-v00.pdf>

Pat led a discussion on the way infiniband generates addresses for use by FCOE.

Michael Teener suggested we get a sense of the room on whether there was agreement on two questions:
 1: Do we feel we should specify some structure for the Local Address Space?
 Yes: 14 No: 4
 2: Do we feel we should develop one or more protocols that generate addresses from a Local Address Space?
 Yes: 7 No: 4

Hiroki Nakano gave a presentation on duplicate address detections

<http://www.ieee802.org/1/files/public/docs2015/lasg-cas-detection-of-duplicated-mac-addresses-0115-v00.pdf>

Adjourn at 8:30pm

January 13, 2015 Local Address Study Group IEEE Interim, Atlanta

Local Address Study Group called to order at 10:30am.

Roger Marks and Michael Teener provided material for a draft PAR for an amendment to 802c regarding recommended structure for Local Addresses. They led a discussion to finalize the wording for this PAR. (Roger’s presentation was uploaded prior to the discussion, Michael’s was uploaded following the discussion and contains the final wording):

<http://www.ieee802.org/1/files/public/docs2015/lasg-marks-p802c-proposed-draft-0115-v00.pdf>

<http://www.ieee802.org/1/files/public/docs2015/lasg-mjt-par-csd-update-0115-v01.pdf>

Adjourn at 12:25pm.

January 14, 2015 Local Address Study Group IEEE Interim, Atlanta

Local Address Study Group called to order at 7:40pm

Stephen Haddock showed the patent policy slides and the guidelines for WG meetings.

Glenn Parsons requested the LASG generate an paragraph he could use as an introduction to the PAR and how it relates to the PAR circulated during the November 2014 Plenary. The paragraph drafted is:

The 802.1 Local Address Study Group (LASG) met for five hours over the course of three days during the January 2015 IEEE 802 Interim session in Atlanta. During these meetings the LASG developed a PAR and CSG for recommendations on local address usage. While this PAR is similar to that circulated to Working Group chairs during the November 2014 Plenary, it represents a considerable reworking of the text of the PAR and CSD with wider participation from members of other 802 Working Groups. The comments received on the previous PAR were considered during the development of this PAR, however the LASG did not generate comment-by-comment responses. The LASG requests that the Working Groups consider this as a new PAR and CSD.

Discussion of whether PAR applies to 64 as well as 48 bit addresses. Conclusion is that while the need is primarily driven by 48 bit addresses, in the context of an amendment to IEEE Std 802 the recommendations would naturally apply to both. At this time there does not seem to be any reason to limit the PAR to 48 bit local addresses.

Robert Moskowitz gave a presentation on a secure local address moderator:

<http://ieee802.org/1/files/public/docs2015/lasg-moskowitz-secure-moderated-random-mac-addresses-0115-v01.ppt>

Michael Teener presented a template for a PAR and CSD on a protocol for local address acquisition:

<http://www.ieee802.org/1/files/public/docs2015/lasg-mjt-protocol-par-csd-0115-v01.pdf>

Stephen Haddock noted that the LASG is scheduled to meet at 9:00 Monday morning at the IEEE Plenary meetings in Berlin in March. Presentations and proposals for a local address acquisition protocol are solicited for this time slot. There is also time scheduled tentatively during the “AM2” time slot of the joint Interworking/TSN session on Tuesday, and the “PM1” time slot on Wednesday. The intent of the latter session is to respond to comments received, if any, on the PAR and CSD that will be pre-circulated for approval in Berlin.

Adjourn at 8:40pm.