IEEE P802.11
Wireless LANs

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| 11ak Telecon Minutes 20150126 |
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Abstract

This document contains the minutes of the IEEE 802.11ak TGak teleconference on 2015-01-26.

Teleconference from 11:05 am EST to 12:05pm EST

January 26, 2015

Joint 802.11ak and 802.1Qbz call Chaired by Donald Eastlake (Huawei Technologies) and Norm Finn (Cisco).

Notes taken by Donald Eastlake.

Donald called the teleconference to order at 11:05 am.

Call for essential patents: No response.

Donald mentioned that the comment resolution spreadsheet had been updated to r17 based on the adoption of 11-15/151r3 and 11-15/153r3 at the Atlanta meeting. Donald is working on a Draft D0.07 that should be posted soon.

There was discussion of 11ak link cost metric stability. D0.06 does have draft text for calculating link cost. The opinion was expressed that more than one link cost change every few minutes in a bridged network with lots of 11ak links could cause problems.

There was extended discussion of the extent to which 802.11 security could be made “compatible” with 802.1AE (MACSEC) for some meaning of “compatible”, perhaps in conjunction with 802.11ak support of EPD (Ethertype Protocol Discrimination). It was said that there are inherent detailed differences due to the structure of the 802.11 frames and that 802.11 security is at the fragment level while 802.1AE is at the level of an 802.3 frame. 802.11ad has added AES-128-GCM to 802.11 so crpto algorithm compatibility is possible as would compatibility for some aspects of key agreement. For example, both 802.11 security and 802.1AE both use EAP (Extensible Authentication Protocol) at some level.

There was discussion of that status of the revision of 802.1AC and the 802.1Qbz amendment to 802.1. People interested in 802.11ak should look at the relevant parts of 802.1AC, particularly the 802.11 adaptation layers discussed in 802.1AC, and should look at 802.1Qbz. 802.1AC is being held because it need a Clause number in 802.11ak that it can use to refer to the interface that takes a vecor of ports.

There was discussion of this vector interface in connection with which 11-14/562r3 slides 15 and 11 were reviewed.

There was a query about the discussion of EPD/LPD at the Atlanta meeting particularly in application to OCB mode. There was a query as to whether the 802.1Q-2014 standard (recently published but not yet available through the Get 802 program) could be made available free to 11ak or 802.11 to which the answer was no.

Adjourned at about 12:05 pm.

**Attendees:**

Donald Eastlake, 3rd (Huawei)

Norm Finn (Cisco)

Mark Hamilton (Spectralink)

Carl King (Noblis)

Phillipe Klein (Broadcom)

Richard Roy ()