IEEE P802.11
Wireless LANs

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| 11ak Telecon Minutes 201405616 |
| Date: 2014-06-19 |
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Abstract

This document contains the minutes of the IEEE 802.11ak TGak teleconference on 2014-06-16.

Teleconference from 05:03 pm EST to 06:11 pm EST

June 16, 2014

Co-Chaired by Norm Finn (Cisco) and Donald Eastlake (Huawei Technologies).

Notes taken by Donald Eastlake.

Donald and Norm called the teleconference to order at 5:03pm.

Call for patents by Donald: No response.

Donald Eastlake (Huawei) as Chair/Editor of 802.11ak reported that he has produced a candidate 11ak D0.02 that is currently being reviewed prior to being posted. It incorporates the comment resolutions in 11-14/559r7 and has been updated to use 802.11REVmc D3.0 as its base.

Donald said he had not been informed of any submissions to be presented on this call and he offered to present 11-14/766r0 “Proposed Resolution of CC17 CID8” and 11-14/767 “PCP to UP to AC comments resolution” but people seemed to be more interested in other issues.

John Messenger (Adva Optical) as Editor of 802.1AC-REV reported that there would be a new draft of 802.1AC-REV in the next couple of days to be D0.3 for WG Letter Ballot. [New draft was posted June 17th but turned out to be D1.0.] 802.11 WG members will be [and now have been] invited to vote in the WG Letter Ballot on this draft. The voting pool will be all eligible 802.1 voters and those 802.11 voters that choose to cast a ballot.

Norm Finn (Cisco): It is important that 802.1AC-REV at least nail down the reference to interfaces.

There was a brief discussion of 802.11 UP (User Priority) and Priority Code Points.

There was a longer discussion of use of the 4-address format by GLK stations. Use of 4-address format for all GLK MSPUs may be needed to distinguish such traffic from non-GLK MSPUs in BSSes with a mixture of GLK and non-GLK STAs [which is not currently allowed in D0.01 but has been proposed]. Perhaps 3-address format can be used in cases where the current interpretation of that format is still correct.

Mark Hamilton (Spectralink) reported on the Architecture Standing Committee meeting at the last 802.11 WG meeting in Waikoloa and his presentation there of 11-14/497r1, “802.11 Portal and 802.1AC Convergence Function”. Although the people on this call who spoke up up generally agreed with the diagrams in Slides 5 and 6 of this presentation, Mark reported that there was controversy about them in the 802.11 ARC SC meeting.

Philippe Klein (Broadcom) asked about opinions concerning the status of Ethernet Protocol Discrimination (EPD) in GLK traffic, mixed BSSes (GLK and non-GLK), and frame priority / contention class encoding. It was pointed out that MAC Priority Code Point can be preserved in a tag regardless of mapping to UP / Access Category (AC) for GLK transport. Donald Eastlake expressed the opinion that it would be desirable to allow mixed BSSes and also preserve the ability to use EPD.

Norm Finn discussed Slides 5 and 6 in 11-14/497r1 in more detail.

John Messenger presented and discussed 802.1AC-REV in more detail, particularly Clause 12.2 “Wireless LAN convergence function”. Various points were raised by Philippe Klein, Mark Hamilton, and others, such as that this Clause applies to non-GLK STAs as well as GLK STAs, that the STA 802.1X machinery has to get to the uncontrolled port, and concerning questions about the interface where a port vector is supplied and where frame replication architecturally occurs for multicast, etc.

Donald Eastlake noted that this teleconference had been scheduled for up to an hour and a half so there was time left and asked if there was any other business or were any announcements? In response, no one brought anything up.

Adjourned at approximately 6:11pm.

**Attendees:**

Norm Finn (Cisco)

Craig Gunther (Harman)

Mark Gravel (HP)

Donald Eastlake (Huawei)

David Kloper (Cisco)

Mitsuru Iwaoka (Yokogawa Electric Co.)

Philippe Klein (Broadcom)

Carol Ansley (ARRIS Group)

John Messenger (Adva Optical)

Joseph Levy (InterDigital)

Brant Thomsen (Harman)

Mark Hamilton (Spectralink)

Carl Kain (Noblis)

Douglas Chan (Cisco)