IEEE P802.11
Wireless LANs

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| 11ak Telecon Minutes 20130408 |
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Abstract

This document contains the meeting minutes of the IEEE 802.11ak TGak Group teleconference on 2013-04-08.

Teleconference from 05:00 pm EDT to 06:00 pm EDT

April 08, 2013

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

Notes taken by Yan Zhuang.

Call for patents by Norm Finn (Cisco): No response.

Norm Finn (Cisco) presented document 13-0406r0 “P802.1Qbz + P802.11ak Proposed Division of Work”

Discussion on AP to AP link: Confused about what is AP to AP link?

Comments (Philippe Klein): can it be a co-located AP within the DS? It’s better to add a note here.

Comments (Mark Hamilton): Currently in the standard, AP to AP link is AP connecting to another AP through the DS. The second AP has its own portal to the DS. Hence, there will be two portals in the architecture. Any use case for this AP2AP link now?

Comments (Norm Finn): The p2p link is outside DS. TGak might want to define how these 2 APs are connected. However, whether TGak is or is not to define the AP to AP link both are okay. Still encourage ak to include AP to AP link as a kind of p2p link.

Comments (Donald Eastlake): It can be considered as a box named big AP with one portal, while outside network doesn’t know there are multiple APs inside.

Comments (Norm Finn): Yes, the multiple APs in the DS can share the router and pretend to be one AP.

Discussion on STA to STA data exchange: whether communications between STAs associated to the same AP go through the DS?

Comments: it will go throught the DS. However, it’s not sure but it’s trivial.

Discussion on Bridge Domain:

Comments: When STA moves to anther AP, then the bridge table might change?

Comments: actually, Ethernet has provided protocols for the update of bridge topology. It can be started by the moved device as well as by the network device.

Comments: STA mobility is rather frequent in the Wi-Fi environment.

Comments: perhaps we can establish a bridge domain for the STA mobility scenario.

Discussion on link Cost:

Comments (Philippe Klein): the cost should be defined by Qbz (what the cost means) and should be specified by ak (how to get). Then it can be used by other networks when bridging different LANs.

**Attendees (alphabetical):**

Dan Romascanu (Avaya)

David Goodall (Broadcom)

Dennis Volpano

Don Fedyk (Alcatel-Lucen)

Donald Eastlake (Huawei)

Ed Reuss (Clair Global)

Eric Gray (Ericsson)

Harish Ramamurthy (Marvell)

Jeremy Touve

Joseph Levy (InterDigital)

Marcel Kiessling (Siemens)

Mark Gravel (HP)

Mark Hamilton (SpectraLink)

Mitsuru Iwaoka (Yokogawa Electric Co.)

Norman Finn (Cisco System)

Paul Bottorff (HP)

Philippe Klein (Broadcom)

Rick Murphy

Rick Schell

Stephen Haddock

Tobias Heer

Yan Zhuang (Huawei)