IEEE P802.11
Wireless LANs

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| Date: 2013-03-04 |
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Abstract

This document contains the meeting minutes of the IEEE 802.11ak TGak Group teleconference on 2013-03-04.

Teleconference from 06:00 pm EST to 07:00 pm EST

March 4th, 2013

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

Called to order about 6:03pm.

Call for patents by Donald Eastlake: No response.

Philippe Klein (Broadcom) presented document 13-0221r1 **“802.11 QoS Queue Architecture and Possible 802.1bz Bridge Model**”

Comments and Discussions:

Priority mapping on slide 5 is an example, we do not want to make the mapping of 802.1D and/or 802.1Q to 802.11 standarized. The priority is up to the local implementation, which is totally configurable. Not necessary to have a new re-mapping. It’s just an informational mapping. No matter if this is a good way to implement, but this presentation captured some good problems here.

Regarding slide 15, there is different mapping between 802.1D and 802.11, such as queue management and transmission selection. “Retry” is at the MAC level, there is no impact on relay. We can remove the “Retry”. Moreover, we don’t need a “multicast” port. In fact, what is passed to 802.11 MAC is a list of the bridge ports that the frame should go to.

Agree with the problems that are collected here. This is a proposal not a decision; hope it as a baseline for more discussions.

Regarding the frame translation between different types of LAN, such as 802.3 and 802.11, where to do the translation should be written into the document. Before looking at the forwarding table, if the egress frame should be translated. The translation from LLC to Ethernet may lose information and when translated back it happens again. This was discussed in 802.1H. Maybe we would be able to get that information and can define something to make it work okay. Moreover, deal with how to map the queue tag.

Adjourned about 6:59pm.

**Attendees:**

Donald Eastlake (Huawei)

Norman Finn (Cisco)

Philippe Klein (Broadcom)

David Goodall (Broadcom)

Mitsuru Iwaoka (Yokogawa Electric Co.)

Pat Thaler (Broadcom)

Jeremy Touve

Ken Boehlke

Liwen Chu (STMicroelectronics)

Mark Gravel (HP)

Yan Zhuang (Huawei)

Pat Thaler (Broadcom)

Rich Schell

Shusaku Shimada

Ath.Kyp.