IEEE P802.11  
Wireless LANs

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| Minutes for Task Group (TG) 802.11 be Extremely High Throughput Telephone Conferences in February and March 2020 | | | | |
| Date: 2020-02-07 | | | | |
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Abstract

This document contains the meeting minutes from TGbe telcos in February and March, 2020.

* Rev0: Added meeting minutes for Thursday February 6.

**Thursday 6 February 2020, 10:00 – 12:00 ET**

**Introduction**

1. At 10:00 the Chair Alfred Asterjadhi (Qualcomm), calls the meeting to order.
2. The Chair goes through the IPR policy and procedures. The Chair asks if anyone is aware of any potentially essential patents. Nobody speaks up.
3. The chair reminds to take attendance through an e-mail to the Secretary, Dennis Sundman (Ericsson), or the Chair. According to the join.me application, it appears to be around 100 people on the call.

Registered through e-mail:

* 1. Alfred Asterjadhi (Qualcomm)
  2. Dennis Sundman (Ericsson)
  3. Gaurav Patwardhan (HPE)
  4. Kazuto Yano (ATR)
  5. Kiran Uln (Cypress)
  6. Kosuke Aio (Sony)
  7. Ross Yu (Huawei)
  8. William Carney (Sony)
  9. Yusuke Tanaka (Sony)

1. Announcements: The Chair informs about the MAC ad-hoc. It is TBD if the meeting will start at 8:00 or 9:00 AM. Currently no restriction due to the Corona virus. The Chair asks if there are any questions regarding the ad-hoc. There will be a join.me, or similar, for the ad-hoc.
2. The next item on the agenda is technical submissions. The Chair asks if there is any objection regarding the grouping of the technical submissions. No objection noted.
3. The chair asks if there is any objection to approve the agenda. Nobody objection noted.

**Technical Submissions**

1. [**0035r0**](https://mentor.ieee.org/802.11/dcn/20/11-20-0035-00-00be-discussion-on-expansion-of-multi-link-aggregation-to-multi-ap.pptx)**, “Discussion on Expansion of Multi-Link Aggr. to Multi-AP” – Yoshihisa Kondo (ATR)**

**Summary:** The authors discuss how Multi-Link can be combined with Multi-AP. They claim this may be of large interest for real-time applications.

**Discussion:**

None.

1. [**0068r0**](https://mentor.ieee.org/802.11/dcn/20/11-20-0068-00-00be-multi-link-and-multi-ap-reference-model-discussion.pptx)**, “Multi-link and multi-ap reference-model discussion” – Yonggang Fang (ZTE)**

**Summary:** The authors present new reference models supporting both multi-link and multi-ap.

**Discussion:**

C: On slide 7. The shared AP only borrows TXOP. I am confused about this diagram.

A: A shared AP has 2 or multiple communication links.

C: On slide 7. Are you assuming the APs are co-located?  
A: The APs may be either co-located or not.  
C: Do you need any synchronization between the different transmission modes?

A: That depends on the implementation.

1. [**0032r0**](https://mentor.ieee.org/802.11/dcn/20/11-20-0032-00-00be-consideration-on-multi-ap-home-mesh-scenario.pptx)**, “Consideration on Multi-AP Home Mesh Scenario” – Kosuke Aio (Sony)**

**Summary:** The authors propose a new residential reference scenario to evaluate home mesh scenarios.

**Discussion:**

C: Using RTS/CTS is common practice. How come you have not used it?  
A: We have not used that here.  
C: Are you mostly focusing the 3 APs at home, or are you also considering interference from APs in other homes?  
A: Currently I haven’t considered APs in other homes because I want to look at a simple case.

C: What is your thought for the enterprise and hot-spot scenario regarding multi-AP operation?  
A: They may be fine, but for this presentation, we focused on the residental one.

1. [**0064r1**](https://mentor.ieee.org/802.11/dcn/20/11-20-0064-01-00be-overview-of-multi-ap-operation-in-11be.pptx)**, “Overview of Multi-AP Operation in 11be” – Chenhe Ji (Huawei)**

**Summary:** The authors take a large view over multi-AP operation. To support all things that we have discussed, they argue that much work still needs to be done. Therefore they suggest to begin looking at non-AP STAs functionality.

**Discussion:**  
None.

1. [**0033r0**](https://mentor.ieee.org/802.11/dcn/20/11-20-0033-00-00be-coordinated-spatial-reuse-operation.pptx)**, “Coordinated spatial reuse operation” – Jason Yuchen Guo (Huawei)**

**Summary:** The authors propose that coordination may be used to perform good power control. They present a transmission procedure and gives some examples.  
  
**Discussion:**C: Can you go to slide 8. If AP1 wins the TXOP, that needs to be communicated to AP2, is that right?  
A: Yes.  
C: If one AP is doing downlink, does the other AP also do that?  
A: Yes.  
C: Slide 9. You assume a wireless backhaul, right?  
A: I am not sure. There can be some wired backhaul.  
C: Slide 5. There are lots of AP-AP communication in this slide. Are you planning that all this AP-AP signalling to be specified in the specification?  
A: Yes.

C: How is this different from SRP?  
A: The SRP scheme is a distributed one. This is coordinated.

**AoB:** No other business noted.

**Adjourned at 11:55.**