IEEE P802.11
Wireless LANs

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| IEEE 802.11 AANI Standing CommitteeMinutes, AANI SC, 2017-08-17 |
| Date: 2017-08-17 |
| Author: |
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Abstract

This document represents the draft minutes of the 17 August 2017 teleconference meeting of the IEEE 802.11 AANI Standing Committee.

**IEEE 802.11 AANI Standing Committee**

**17 August 2017, 12:00 – 13:00 ET (scheduled)**

1. The teleconference meeting was called to order, using <https://join.me/IEEE802.11>, at 12:02 by the Chair, Joseph Levy (InterDigital).
2. The Chair introduced himself and presented from slide set IEEE 802.11-17/1250r0 (which had been pre-circulated). He noted that Vice Chair Roger Marks (EthAirNet Associates) volunteered as secretary. The Chair asked attendees to email a meeting attendance notification to the Chair or the meeting secretary.
3. The Chair proposed the agenda on Slide 4. This was approved without comments, 12:06.
4. The Chair noted Slides 5-7.

1. The Chair reviewed the AANI SC background on Slides 8-10. No comments were raised.
2. Per Slide 11, the Chair introduced contribution 802.11-17/1242r0 (“Strategies to Maximize Adoption of 802.11 in 5G Networks”) and offered the floor to the author, Chuck Lukaszewski (Aruba, a HPE Company).
3. Lukaszewski began the presentation at 12:11.
4. Lukaszewski indicated that cellular operators are open to various RAT solutions in unlicensed spectrum, as long as they integrate into the overall cellular network. He stressed that the upcoming 3GPP network convergence sublayer [Multi-RAT Adaptation (MRA)] will enable independent evolution of the RAN and core, noting that explicit mechanisms for managing non-AP STA attach and mobility are being designed. Per Slide 10, Lukaszewski indicated that the 5G network will support 802.11 RATs on equal footing with 3GPP RATs, without the need for Hotspot 2.0 (which he related to 802.11u) in SIM-based cases.
5. Lukaszewski indicated that 5G requires many small cells and that 802.11 can serve as those small cells if it is compatible with the overall network and meets the requirements. He stressed the need for 100% bearer encryption with pairwise keys, ultra-high QoS/GBR, and deterministic mobility. He emphasized the importance of ensuring wide and timely deployment. Lukaszewski concluded with a Call to Action on Slide 21.
6. Lukaszewski took questions. Adrian Stephens (Intel Corp.) thanked the speaker and asked for specific standards gaps. Lukaszewski said that security standards are in place but that the market has not yet incorporated them. He said that the 802.11 community is not able to successfully tell operators how to design their networks; instead, our constituents need to be involved in 3GPP, in addition to 802.11’s liaison role in communicating with 3GPP. Paul Nikolich asked for more specifics, indicating that individual companies will not be effective acting alone. Lukaszewski noted a coordination opportunity related to his Slide 10 and the network convergence sublayer. Levy indicated hope that Lukaszewski’s contribution would encourage participation in the activities of AANI toward the analysis of the documents that 3GPP has identified (secretarial note: see Slide 9 of IEEE 802.11-17/1250r0).
7. The Chair asked participants to inform him of upcoming contributions, which would affect the plan to conduct the scheduled teleconferences. He adjourned the AANI Standing Committee teleconference call at 13:02.

Attendees as identified:

Joseph Levy (InterDigital)

Roger Marks (EthAirNet Associates)

Chuck Lukaszewski (Aruba, a HPE Company)

Adrian Stephens (Intel Corporation)

Paul Nikolich

Attendance per [join.me](http://join.me) log:

- United King...

- Germany

- SNOS NORTH...

- LYNNFIELD, MA

802.11 Meeting

Adrian Stephens (Intel Corporation)

Amelia Andersdotter (Article1...)

Chuck L (HPE)

Dick Roy

Dorothy Stanley

George Calcev

Hao

Lisa (R&S)

Mark Hamilton

Mark RISON (Samsung)

Paul Nikolich

Roger Marks

Sue Leicht (NSA)

Unknown phone number

Viewer 16

Viewer 18

Viewer 47

Viewer 57

Viewer 67