IEEE P802.11  
Wireless LANs

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| IEEE 802.11 Task Group AZ  November 2015 Dallas Meeting Minutes | | | | |
| Date: 2015-11-13 | | | | |
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Abstract

Task Group AZ meeting minutes from the IEEE 802.11 Dallas session, November 9-15, 2015.

**IEEE 802.11 Task Group AZ**

**November 2015 Bangkok Interim**

**November 9-15, 2015**

**Tuesday, November 10, 2015, PM2 session (60 attendees@16:00-18:00 )**

1. The meeting was called to order at 16:00 Dallas local time by Jonathan Segev (Intel Corporation), the chair for Task Group AZ.
2. Agenda Doc. IEEE 802.11-15/1237r2
3. Chair reviewed the IEEE-SA Patency Policy, additional guidelines about IEEE-SA meeting and logistics
   1. Chair asked if anyone has any questions about the IEEE-SA patent policy, logistics or reminders. No one spoke.
   2. Chair called for any potentially essential patent, no one stepped up.
   3. Chair reminded all to record their attendance.
4. Chair reviewed the task group meeting time slots and agenda items for this session and the week.
5. Approve of the meeting minutes of September Bangkok Interim meeting 802.11-15/1238r1.
   1. **Motion (#1) to approve document 11-15/1238r1 as TG meeting minutes for the September Bangkok meeting**
      1. **Moved by Zhou Lan (MediaTek), Seconded by Allan Zhu (Huawei)**
      2. **Passes with unanimous consent**
6. TGaz vice chair elections
   1. Chair called open nominations and closed the nominations after hearing no further nominees from the group
   2. Nominee presentation from the only nominee Carlos Aldana (Qualcomm).
   3. **Motion (#2) to approve Carlos Aldana (Qualcomm) as the TGaz vice chair**
      1. **Moved by Allan Zhu (Huawei), Seconded by Santosh Pandey (Cisco systems)**
      2. **Passes with 30 YES, 0 NO and 1 ABS**
7. Friedert Berens (FBC consulting) presented dynamic environment use cases 802.11-15/1281r1.
   1. Discussions:
      1. Relation between Positioning and mobility seems not relavent of
      2. Question asked on what is dynamic channel model. It was responded that multipath, fast fading due to mobility
      3. 25cm accuracy is possible to achieve?
      4. Considering the speed and accuracy together, it might be not feasible with the scope of 11az.
   2. SP: Do you agree to add the following use cases to the 802.11az use case working draft? Use case “Vehicular environment: Pedestrian detection and warning”
      1. Results: 16 Yes 7 No and 14 Abstain
   3. SP: Do you agree to add the following use cases to the 802.11az use case working draft? Use case “Free-flow tolling operation”
      1. Results: 20 Yes, 0 No and 18 Abstain
   4. **Motion (#3) to instruct the use case document editor to add use cases depicted by slides 6 to 8 of submission 11-15-1281r1 to the use case working draft document.**
      1. **Moved by Friedert Berens (FBC Consulting), Seconded by Yasantha (MediaTek)**
      2. **Fails with 6 Yes, 9 No and 22 Abstain**
8. Assaf Kasher (Intel) presented MIMO improvement of accuracy 802.11-15/1411r0.
   1. Many questions were asked to clarify the simulation parameter settings.
9. Meeting recessed at 18:00 Dallas local time and will be resumed on Wednesday PM1.

**Wednesday, November 11, 2015, PM1 session (20 attendees@13:30-15:30)**

1. The meeting was called to order at 13:30 Dallas local time by Jonathan Segev (Intel Corporation), the chair for Task Group AZ.
2. Agenda Doc. IEEE 802.11-15/1237r3
3. Chair reviewed the IEEE-SA Patency Policy, additional guidelines about IEEE-SA meeting and logistics
   1. Chair asked if anyone has any questions about the IEEE-SA patent policy, logistics or reminders. No one spoke.
   2. Chair called for any potentially essential patent, no one stepped up.
   3. Chair reminded all to record their attendance.
4. Chair reviewed the task group meeting time slots and agenda items for the week.
5. Xu Yang (Huawei) presented STA to STA usage cases document 802.11-15/1436r0.
   1. Discussion:
      1. Users, latency and other requirements are lacking in the document.
   2. SP: Do you agree to add the use cases listed in the Page 6 as STA-to-STA positioning use cases for 802.11az use case working draft?
      1. Results: 9 YES, 1 NO and 9 ABSTAIN
   3. **Motion (#5) to instruct the use case document editor to add use cases depicted by slides 6 of submission 11-15-1436r1 to the use case working draft document.**
      1. **Moved by Xun Yang (Huawei), Seconded by Allan Zhu (Huawei)**
      2. **Passes with YES NO and ABSTAIN**
         1. **Motion (#6) to table the motion (#5) until Thursday PM1 session.** 
            1. **Moved by Santosh Pandey (Cisco system), Seconded by Allan Zhu (Huawei),**
            2. **Passes with 10 YES, 0 NO and 3 ABSTAIN**
6. Santosh Pandey (Cisco) presented NGP usage case document 802.11-15/0388r2.
   1. **Motion (#4) to adopt document 11-15-0388r2 as our baseline draft for usage case.** 
      1. **Moved by Santosh Pandey(Cisco system), Seconded by Allan Zhu (Huawei)**
      2. **Passes with 15 YES, 0 NO and 5 AB.**
7. Discussion of the conference call time and goal of January meeting.
   1. Dec 2nd 10:00 EST for conference call is agreed.
8. Meeting recessed at 2:30pm Dallas local time and will be resumed on Thursday PM1.

**Thursday, November 17, 2015, PM1 Session (20 attendees@13:30-15:30)**

1. The meeting was called to order at 13:30 Dallas local time by Jonathan Segev (Intel Corporation), the chair for Task Group AZ.
2. Agenda Doc. IEEE 802.11-15/1237r3
3. Chair reviewed the IEEE-SA Patency Policy, additional guidelines about IEEE-SA meeting and logistics
   1. Chair asked if anyone has any questions about the IEEE-SA patent policy, logistics or reminders. No claims.
   2. Chair pro-tem called for any potentially essential patent, no one stepped up.
   3. Chair reminded all to record their attendance.
4. Xun Yang(Huawei) presented STA to STA usage case document 802.11-15/1436r2.
   1. Discussion:
      1. Questions were asked on the vertical accuracy.
      2. Questions were asked if AP support is optional.
      3. Questions were asked if STA to STA ranging needs a protocol to support.
      4. SP: Do you agree to add the usage case listed in the page 3 to 8 of document 1436r3 as STA-STA positioning use case for 802.11az use case working draft?
         1. Results: 7 YES, 0 NO and 14 ABSTAIN
5. Task Group Dallas meeting adjourned at 15:30 Dallas local time.