IEEE P802.11
Wireless LANs

|  |
| --- |
| TGaz meeting minutes – March meeting |
| Date: 2016-03-15 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Carlos Aldana | Qualcomm | 1700 Technology Drive, San Jose, CA 95110 | 408-652-1251 | caldana@qca.qualcomm.com |

Abstract

Minutes for the TGaz meeting in Macau.

**IEEE 802.11 Task Group AZ**

**March 2016 Macau Plenary**

**March 14-18, 2016**

1. TGaz – 15 March 2016 – PM2
	1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at 16:00 local time.
	2. TGaz secretary (acting) Carlos Aldana (Qualcomm).
	3. Agenda Doc. IEEE 802.11-16/218
	4. Review Patent Policy and logistics
		1. Chair reviewed the IEEE-SA Patency Policy, additional guidelines about IEEE-SA meeting and logistics
		2. Chair called for any potentially essential patent, no one stepped up.
		3. Chair reminded all to record their attendance.
	5. Review Agenda
		1. Called for any additional submissions for the week.
		2. Reviewed the agenda based on doc 11-16/218
		3. Chair called for any additional feedback and changes to agenda – none identified, agenda for the week approved.
	6. Number of people in attendance : 21
	7. Previous meeting minutes approval:
		1. Document 11-16/213r0 posted to Mentor Feb. 1st.
		2. **Motion (#1):**

**To approve document 11-16/213r0 as TG meeting minutes for the Atlanta meeting.**

* + 1. **Moved by: Assaf, 2nd by: Allan Zhu**
		2. **Results (Y/N/A): 16/0/1**

Motion passes

* 1. Previous telecon minutes approval:
		1. Document 11-16/267r0 posted to Mentor Feb. 26th.
		2. **Motion (#2):**

**To approve document 11-16/267r0 as TG meeting minutes for the Feb 17th teleconference.**

**Moved by: Carlos Aldana, 2nd by: Assaf Kasher**

* + 1. **Results (Y/N/A): 14/0/2**

Motion passes

* 1. Allan Zhu presented submission 11-16-424r1
		1. C: How should we deal with authentication?
		2. R: That should be another discussion
		3. **Motion (#3):**

**We adopt document 11-16-0424r1 as Functional Requirement working draft for TGaz specification development.**

* + 1. **Moved: Allan Zhu, 2nd: Carlos Aldana**
		2. **Results (Y/N/A): 13/0/5**

Motion passes

* 1. Assaf Kasher presented submission 11-16-309
		1. **Motion (#4):**

**Move to adopt the set of functional requirements listed in slide #4 of document 11-16-0309r0 and include them in the TGaz Functional Requirements Document under the sub-section ‘60GHz bands’ for the .11az protocol while operating in 60GHz band.**

* + 1. **Moved: Assaf Kasher, 2nd: Allan Zhu**
		2. **Results (Y/N/A): 15/0/2**

Motion passes

* 1. Chao-Chun presented submission 11-16-448
		1. **Motion (#5):**

**Move to adopt the set of functional requirements listed in slide #5 of document 11-16-0448r1 and include them in the TGaz Functional Requirements Document under the sub-section focused on ‘scalability’ for the .11az protocol while operating in 2.4 GHz and 5 GHz bands.**

* + 1. **Moved: Chao-Chun, 2nd: Thomas Handte**
		2. **Results (Y/N/A): 11/0/7**

Motion passes

1.12 31 people in attendance

* 1. Chao-Chun presented submission 11-16-441
		1. C: No need to have details about frame formats at this time.
		2. R: OK.
	2. Assaf Kasher presented submission 11-16-227
		1. C: Is the latency per STA or for all STAs?
		2. R: 500 ms latency is per STA
		3. Strawpoll :

Do you support adding the use case described in slide 3 of submission 11-16-0227/r3 to the tgaz ngp use case document 11-16-0137

* + 1. Results Y/N/A: 9/0/10
1. TGaz – 16 March 2016 – PM1
	1. Review Patent Policy and logistics
		1. Chair reviewed the IEEE-SA Patency Policy, additional guidelines about IEEE-SA meeting and logistics
		2. Chair called for any potentially essential patent, no one stepped up.
		3. Chair reminded all to record their attendance.
	2. Filip Mestanov presented 11-16-315
		1. C : concern of 1000 STAs per AP.
		2. R : Believe other use cases have similar requirement.
		3. C: what is time to first fix once in the warehouse
		4. R: A few seconds would be satisfying.
		5. C: A box entering the warehouse might include x1000 devices, does it really need to have time to first fix for all devices with this time interval?
		6. R: believe not, a few dozens seconds possibly a bit more is still fine for the entire box, the time to first fix is not for this case but for a single device.
		7. Strawpoll :

Do you agree to add the smart building use cases described in this submission to the TGaz use document 802.11-16/0137?

* + - 1. Results: Y/N/A 17/0/6
	1. Yan Zhuang presented 11-16-433
		1. C: how do you deal with consent of a STA to provide its location to the AP/Infrastructure?
		2. R: no consent needed, the venue owner would like to have the device location or analytics regardless.
		3. C: There are cases where this is acceptable e.g. asset tracking where the venue owner is also the assets’ owner, in other cases such as privately owned.
		4. C: coin cell battery is not realistic.
		5. R: could we try to shoot for it in this standard?
		6. C: privacy is a concern, STA consent is required/allowed for.
		7. R: perhaps there needs to be a modification in tgaz to add privacy negotiation.
		8. C: coin battery statement is aggressive
		9. R: will bring back tomorrow.
1. TGaz – 17 March 2016 – PM1
	1. Review Patent Policy and logistics
		1. Chair reviewed the IEEE-SA Patency Policy, additional guidelines about IEEE-SA meeting and logistics
		2. Chair called for any potentially essential patent, no one stepped up.
		3. Chair reminded all to record their attendance.
	2. Yan Zhuang presented submission 11-16-433
		1. C: Do we really need to spell out “<3 FTMs per device?”
		2. R: We can remove that constraint
		3. Strawpoll:

Do you agree to add the use cases depicted by slides 2-6 of this submission to the TGaz NGP use case document 11-16-107?

* + 1. Results: Y/N/A: 13/0/8
	1. Chao-Chun presented submission11-16-137
		1. **Motion (#6) :**

**We approve opening of document 11-16-137r1 and adding use cases depicted by the following documents:**

* **11-16-227r3 (SP 9/0/10)**
* **11-16-315r2 (SP results: 17/0/6)**
* **11-16-433r2 (sp results 13/0/8)**
	+ 1. **Moved: Chao-Chun, 2nd: Assaf Kasher**
		2. **Results (Y/N/A): 16/0/0**

Motion passes

* 1. Recess at 2:01 PM until 2:10 PM.
	2. **Motion (#7)** :

**The group resolve to freeze the use case document 11-16-137r3 as its use case document for standard development.**

**3.4.1 Moved: Chao-Chun, 2nd: Allan Zhu**

**3.4.2 Results (Y/N/A): 15/0/5**

Motion passes

* 1. Chair set the Goals for the May meeting.
	2. 38 people present
	3. Teleconference schedule for May 4 at 10 AM ET for 1 hour.
	4. Chair called for any other business – none identified.
	5. Task Group Macau meeting adjourned.