IEEE P802.11
Wireless LANs

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|  TGbi Teleconference Minutes 28 April 2022 |
| Date: 2022-05-05 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains the minutes for the IEEE 802.11bi task group meeting that took place on

28 April 2022 at 09:00 ET.

Note: Highlighted text are action items.

Q – proceeds a question

A - proceeds an answer

C - proceeds a comment

Yellow highlight - action point

**Chair: Carol Ansley, Cox Communications**

**Secretary: Amelia Andersdotter, Sky UK**

**Vice-chairs: Jerome Henri, Cisco; Stephen McCann, Huawei**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 09:03 ET.

Agenda slide deck: 11-22-622r6:

1. Reminder to do attendance
2. Review of policies and procedures.
3. The chair mentioned the call for essential patents
	1. No one responded to the call for essential patents
4. The chair covered the IEEE copyright and participation rules.
	1. No questions
5. **Discussion of agenda 11-22-622r6 (slide #16)**
	1. Adoption of agenda 11-22-622r6 slide #16 as amended by unanimous consent (16 participants).
6. **Administration**
	1. Conflict between CAC and TGbi on May 5. Within the 10-day limit ahead of the call, therefore changing the date is not an option. Cancelling the call is still possible. No one objects to cancelling the call. Call is cancelled.
	2. The May interim session will be oriented towards running through the currently proposed requirements. Motions will be planned for Friday.
	3. Reminder that submissions are still welcome.
		1. Request for agenda time during the interim for a submission on rotation algorithm for over-the-air MAC addresses (11-22-114r2).
			1. Will add to interim agenda.
7. **Review of proposed requirements from document 11-22-1848r7**
	1. **Requirements related to issue 2**Requirements table is also presented in document 11-22-622r6.

	**Discussion:

	C:** I proposed to change the requirement text for requirement 27 slightly.
	**C:** The current formulation of this requirement assumes that you can change or rotate your MAC address while in an associated state.
	**Q:** Do we already have agreement that we want to have such a feature?
	**A:** No.
	**Q:** Should we wait with making decisions on this until we have decisions on whether the base feature is at all desirable?
	**C:** Issue 3 requirements 7 and 8, and also requirements 39 and 40, deal with this topic, so they should be handled before we make decisions on requirement 27.
	**Q:** Can I return to requirements 3 and 20 on issue 2, first. Will we be deciding on them at the same time because of their similarity?
	**Chair:** Yes, as per our agreement last week.
	2. **Requirements related to issue 3**

	Progressing to requirements under issue 3 before proceeding with issue 2 requirement 27.

	**Discussion:**

	**Q:** I would like to start with requirement 6, rather than requirement 7 or 8?
	**C:** I don't have strong opinions but requirement 6 might be uncontroversial.
	**C:** Requirement 6 describes behaviours already existing in non-AP STA today.
	**Q:** Does requirement 6 imply a restriction that TGbi implies the counter-case where a STA does not change its MAC address if it does change the ESS?
	**C:** If you go from any AP to any other AP you can already change your MAC address now, so we don't need to define a new mechanism for this per se. Requirement 6 is saying that you change your MAC address when you reassociate inside the same ESS, because that is a new mechanism to be defined.
	**Chair:** I will mark requirement 6 ready for motion.
	**C:** I believe we can deal with requirement 25 in the same go.
	**Q:** What are the implications of the explicit mention of MLDs in requirement 25? Isn't it the same as requirement 6 and we could be more succinct?
	**C:** My understanding is that we will be after TGbe in either case, so our mechanisms will cover both STA and MLDs. But I don't think we need to merge these requirements now. Let's keep them.
	**Chair:** I will mark requirement 6 and 25 ready for motion and note that they are linked.
	**Chair:** I will mark requirement 7 ready for motion.
	**C:** Does requirement 8 include the possibility for CPE AP to initiate a simultaneous change of MAC address? Or should this be clarified?
	**C:** We could add some wording here to clarify or differentiate the ideas of actually changing the MAC address or initiating the process of changing the MAC address for a group of stations.
	**Q:** Could this requirement also include the option of one-by-one-STA rotating of MAC address? In case a single STA would like to rotate a MAC address?
	**C:** I do not understand that this requirement covers the case where a change of MAC address is instantenous. This is more about simultaneous change of MAC address. We would need to discuss here more the language, and whether we could say that we should initialise a procedure for these simultaneous changes.
	**C:** I have similar comments. We could say "a set of associated STA" rather than "all associated STA". We could also clarify the timing: when does the initiation start and when does the actual rotation occur? Maybe we don't need to specify those exact times in the requirements phase. We could also remove the word "simultaneous" to have a less strict timing requirement, for instance, "change around the same time".
	**Chair:** I will remove the word "simultaneous" and change to "set of associated CPE Clients" in requirement 8.
	**Q:** So if I understand we're still open on a lot of things like simultaneous and which sets of STA, and how to initiate and execute this process?
	**C:** Also my understanding. We may need a lot of discussion in future.
	**Chair:** I will mark the reworded requirement 8 as ready for motion.
	**Chair:** I'm wondering if we have requirements left today, because we have only a few minutes left.
	**C:** I also believe it might be a bit rushed today. But for the next meeting I think we should start with requirement 12 under issue 3.
	**Chair:** I will note that issue 3 requirement 12 could be prioritised next meeting. If anyone has other requests for ordering of requirement discussions, please notify me by e-mail.
8. AoB
	1. No other business.
9. Chair adjourned the meeting at 09:55 ET.

**Attendance**

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| **Name** | **Affiliation** |
| Andersdotter, Amelia | Sky UK Group |
| Ansley, Carol | Cox Communications Inc. |
| baron, stephane | Canon Research Centre France |
| Chng, Shi Baw | BAWMAN LLC |
| Halasz, David | Morse Micro |
| Hawkes, Philip | Qualcomm Incorporated |
| Henry, Jerome | Cisco Systems, Inc. |
| Hervieu, Lili | Cable Television Laboratories Inc. (CableLabs) |
| Ho, Duncan | Qualcomm Incorporated |
| Huang, Po-Kai | Intel Corporation |
| Kain, Carl | USDOT; Noblis, Inc |
| Kneckt, Jarkko | Apple, Inc. |
| Levy, Joseph | InterDigital, Inc. |
| Lumbatis, Kurt | CommScope, Inc. |
| Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. |
| Malinen, Jouni | Qualcomm Incorporated |
| McCann, Stephen | Huawei Technologies Co., Ltd |
| Montemurro, Michael | Huawei Technologies Co., Ltd |
| Mutgan, Okan | Nokia |
| Nezou, Patrice | Canon Research Centre France |
| Orr, Stephen | Cisco Systems, Inc. |
| Rosdahl, Jon | Qualcomm Technologies, Inc. |
| Sam, Harvey | Broadcom Corporation |
| Sevin, Julien | Canon Research Centre France |
| Smith, Graham | SRT Wireless |
| Smith, Luther | Cable Television Laboratories Inc. (CableLabs) |
| Srivatsa, Veena | Synaptics |