IEEE P802.15

Wireless Personal Area Networks

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | July meeting for TG 4ac Privacy |
| Date Submitted | 14th July 2023 |
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| Re: | July Plenary session |
| Abstract | Meeting minutes for the SG Privacy |
| Purpose | Provide meeting minutes |
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# IEEE SG Privacy

## Tuesday 11 July 2023

1. **10:33am** The TG chair Tero Kivinen (self) called the meeting in order.
2. Displaying the opening report (doc # [802.15-23-0365-01](https://mentor.ieee.org/802.15/dcn/23/15-23-0365-01-04ac-july-opening-and-closing.pptx)):
* A call was made for essential patents. No one had anything to disclose.
* The agenda was approved
* The minutes from the May Meeting (Doc # [15-23-0289-00](https://mentor.ieee.org/802.15/dcn/23/15-23-0289-00-0017-may-meeting-minutes-for-privacy.docx)) were approved.

There was a discussion about the format of the MAC privacy.

In 802.15.4 we have a problem because our addressing is different than everyone else (LSB->MSB). It hasn’t been an issue before because the companies get their own IDs. 802c, 2017, section 8, shows how 802 does it. Does 802 or RAC have a preference? We should discuss it at the 802.1/802.15 meeting tonight.

**11:13am** The meeting was recessed.

**Thursday 13 July 2023**

**4:04pm** TG chair Tero Kivinen (self) called the meeting to order.

Decided to use AAI-64 for privacy addresses.

The list of issues to be solved was discussed, originally doc # [15-23-0253-01-0017](https://mentor.ieee.org/802.15/dcn/23/15-23-0253-01-0017-list-of-issues-to-be-solved.docx), the document was saved as #[15-23-0422-00-04ac](https://mentor.ieee.org/802.15/dcn/23/15-23-0397-00-04ac-project-task-list-for-tg4ac.xlsx).

* In 802.15.4, we don’t have an upper layer identifier.
* We need an address to tie the pairing between the two devices.
* TG11bi is looking into some of these issues. They are working on their requirements document, but many of the items may not map to 802.15.4

Q: Use case coming from the Solar industry: They are putting up solar panels on a condo, but the data only flows from the users panels to the user’s gateways. Wi-SUN does a good job, but it is overkill.

* This is not for 4ac as both devices are static. They could be using what we are generating here for other purposes. The small networks assume that there is no one else listening.
* This could be used to solve an issue where there are multiple gateways from the same vendors and lots of clients are connecting to them and the clients need to know which of the gateways to connect to.
* This is currently being done with an allowed list – query to the Cloud.

AOB

* TG vice chair appointed Ann Krieger (U.S. DoD) as TG vice-chair and secretary. The TG affirmed.
* Updated our Project task list
* Need more proposals for September.
* Most of 802.15.4 issues are not 802.11 issues, so we are on our own.

Worked on the closing report (doc #[15-23-0365-02](https://mentor.ieee.org/802.15/dcn/23/15-23-0365-02-04ac-july-opening-and-closing.pptx)):

* Presentation about privacy addresses to the joint 802.15/802.1
* Decided to use AAI-64 for privacy addresses
* Updated the list of issues.
* Asking for two session in September to not overlap with 802.11bh or bi, and to continue working on issues.

**4:47pm** Meeting adjourned.