IEEE P802.11 Wireless LANs

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| PAR Minutes – July 2024 |
| Date: 2024-07-18 |
| Author(s): |
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Abstract

This document contains the minutes of the PAR Standing Committee for the July 2024 session.

# Monday July 15, 13:30-15:30

### Jon Rosdahl, Qualcomm – Chair

### Michael Montemurro, Huawei Technologies Co., Ltd – Vice-Chair

Attendance: 7

1. Meeting called to order at 13:31
2. Review of IEEE-SA participation guidelines and policies and procedures.
3. We will provide comments on the PARs submitted for the July 2024 plenary.
	* Agenda Review – approved as document 11-24/1056r0 - <https://mentor.ieee.org/802.11/dcn/24/11-24-1056-00-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2024-july-montreal.pptx>

Result: **Unanimous. Approved.**

1. Motion to approve minutes from March PAR SC meetings:

MOTION: **Move to approve the minutes from March in document 11-24/499r0:** <https://mentor.ieee.org/802.11/dcn/24/11-24-0499-00-0PAR-minutes-march-2024-session.docx>

Mover: Michael Montemurro

Second: Al Petrick

Result: **4 – Yes, 0 – No, 2 – Abstain.** **Approved.**

1. PAR and CSD comments are captured in 11-24/1056r1
* 802.1DD -Standard - Resource Allocation Protocol, [PAR](https://www.ieee802.org/1/files/public/docs2024/dd-draft-PAR-0524-v01.pdf) and [CSD](https://www.ieee802.org/1/files/public/docs2024/dd-draft-CSD-0524-v01.pdf)
	+ PAR:

Delete 8.1 #5.2. Not used in the scope.

* + CSD:

1.2.3: f this project replaces 802.1Qdd, then that should have been stated in the PAR. Suggest that the PAR be updated accordingly.

* 802.1ASed - Amendment - Fault-Tolerant Timing with Time Integrity [PAR](https://www.ieee802.org/1/files/public/docs2024/ed-draft-PAR-0524-v01.pdf) and [CSD](https://www.ieee802.org/1/files/public/docs2024/ed-draft-CSD-0524-v01.pdf)
	+ PAR:

Discussion on whether the appreviation for International Atomic Time (IAT).

* + CSD:

No comments

* 802.1DP - Standard - Time-Sensitive Networking for Aerospace Onboard Ethernet Communications, [PAR Extension](https://www.ieee802.org/1/files/public/docs2024/dp-draft-PAR-extension-0524-v01.pdf)
	+ PAR Extension:

2.1: Change the first sentence as this is not the first joint project between IEEE SA and SAE 9 (1609 series). Change to “Being a joint project ….”

* 802.1AB-2016-rev - Standard - Station and MAC Connectivity Discovery, [PAR](https://www.ieee802.org/1/files/public/docs2024/ab-draft-PAR-0524-v01.pdf)
	+ PAR:

No comments.

* 802.1AC-2016-rev - Standard - MAC Service Definition, [PAR](https://www.ieee802.org/1/files/public/docs2024/ac-draft-PAR-0524-v01.pdf)
	+ PAR:

No comments

* 802.16t - Amendment - Fixed and Mobile Wireless Access in Narrowband Channels, [PAR Extension](https://mentor.ieee.org/802.15/dcn/24/15-24-0299-00-016t-tg16t-par-extension.pdf)
	+ PAR:

3.2: There are only 7 active members. The minimum number of active members should be 10 in order to start a PAR as a rule of thumb. This may indicate insufficient support to complete the project. Suggest finding 3 more people to participate.

* 802.15.4ae - Amendment - Ascon cryptographic algorithms, [PAR](https://mentor.ieee.org/802.15/dcn/24/15-24-0267-01-cryp-par-for-tg4ae-ascon-for-802-15-4.pdf) and [CSD](https://mentor.ieee.org/802.15/dcn/24/15-24-0268-01-cryp-csd-for-tg4ae.docx)
	+ PAR:

5.2b: The response should form a complete sentence. Change to “This amendment adds the Ascon-128 and Ascon-128a cryptographic algorithms to 802.15.4.”

5.5: Why is Ascon needed? Just because NIST selected it, why did it need to be added? Clarify the need. Move the comment in 8.1 to 5.5 into the response to 5.5. Proposed alternative to 5.5: “IEEE Std 802.15.4 is widely used in IoT applications. Use of the Ascon-128 and Ascon128a lightweight cryptographic algorithms enables 802.15.4 devices to support even more demanding IoT applications.”

8.1: #5.2: “Ascon-128/Ascon-128a” should be “Ascon-128 and Ascon-128a”

8.1: #5.2: Change “had been” to “has been”

8.1: #5.2: change “allowing it to be a drop in” to “allowing an Ascon algorithm to be a drop-in”

8.1: Question: Is this project trying to support 802.15.9

If the comment in 8.1 is moved to 5.5, then 802.15.9 needs to be identified in 8.1.

* + CSD:

CSD 1.2.1: the two paragraphs are sentence fragments. Similar comment to PAR 5.5. Why is Ascon needed.

CSD: Expand acronyms on first use.

* 802.15.9a - Amendment – Ephemeral Diffie-Hellman Over COSE (EDHOC) KMP, [PAR](https://mentor.ieee.org/802.15/dcn/24/15-24-0284-00-cryp-par-for-tg9a-edhoc-for-802-15-9.pdf) and [CSD](https://mentor.ieee.org/802.15/dcn/24/15-24-0286-02-cryp-csd-for-tg9a.docx)
	+ PAR:

2.1: The COSE acronyms in the title need to be expanded.

5.2.b: The sentence fragment needs to be modified

5.5: Change “objectives for 802.15” to “objectives for 802.15.9”

5.5: Is this what is meant? “802.15.9 needs to add EDHOC so that provides a non-fragmented method.” Suggested changes

* + CSD:

1.2.1b: Add “(KMP)” after key management protocol and use it in the second line.

1.2.1b: Second parargraph: change “combination of IEEE Std 802.15.9” to “combination with IEEE Std 802.15.

1. Recess at 15:06 until Thursday July 18.

# Thursday July 18, 10:30-12:30

### Jon Rosdahl, Qualcomm – Chair

### Michael Montemurro, Huawei Technologies Co., Ltd – Vice-Chair

Attendance: 6

1. Meeting called to order at 10:48
2. Agenda Review – approved as document 11-24/1056r2- [https://mentor.ieee.org/802.11/dcn/24/11-24-1056-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2024-july-montreal.pptx](https://mentor.ieee.org/802.11/dcn/24/11-24-1056-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2024-july-montreal.pptx%20%20)
	* Agenda is approved unanimously.
3. PAR and CSD comments are captured in 11-23/1056r2
* 802.1DD -Standard - Resource Allocation Protocol, [PAR](https://www.ieee802.org/1/files/public/docs2024/dd-draft-PAR-0524-v01.pdf) and [CSD](https://www.ieee802.org/1/files/public/docs2024/dd-draft-CSD-0524-v01.pdf)
	+ PAR:

Update in line with comments provided.

* 802.1ASed - Amendment - Fault-Tolerant Timing with Time Integrity [PAR](https://www.ieee802.org/1/files/public/docs2024/ed-draft-PAR-0524-v01.pdf) and [CSD](https://www.ieee802.org/1/files/public/docs2024/ed-draft-CSD-0524-v01.pdf)
	+ PAR:

Update in line with comments provided.

* 802.1DP - Standard - Time-Sensitive Networking for Aerospace Onboard Ethernet Communications, [PAR Extension](https://www.ieee802.org/1/files/public/docs2024/dp-draft-PAR-extension-0524-v01.pdf)
	+ PAR:

Update in line with comments provided

* 802.15.4ae - Amendment - Ascon cryptographic algorithms, [PAR](https://mentor.ieee.org/802.15/dcn/24/15-24-0267-01-cryp-par-for-tg4ae-ascon-for-802-15-4.pdf) and [CSD](https://mentor.ieee.org/802.15/dcn/24/15-24-0268-01-cryp-csd-for-tg4ae.docx)
	+ PAR:

Update in line with comments provided.

* + CSD:

Update in line with comments provided

* 802.15.9a - Amendment - Ephemeral Diffie-Hellman Over COSE (EDHOC) KMP, [PAR](https://mentor.ieee.org/802.15/dcn/24/15-24-0284-00-cryp-par-for-tg9a-edhoc-for-802-15-9.pdf) and [CSD](https://mentor.ieee.org/802.15/dcn/24/15-24-0286-02-cryp-csd-for-tg9a.docx)
	+ PAR:

Updated the PAR in line with comments received.

* 802.16t - Amendment - Fixed and Mobile Wireless Access in Narrowband Channels, [PAR Extension](https://mentor.ieee.org/802.15/dcn/24/15-24-0299-00-016t-tg16t-par-extension.pdf)
	+ PAR:

No responses received to comments on the PAR

* A summary for the 802.11 PAR review report is captured on slide 36 of document 11-24/1056r2
* ACTION: Chair to clean-up the report to be more presentable.
	+ The review comments are captured in document 11-24/253r2 (<https://mentor.ieee.org/802.11/dcn/24/11-24-1056-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2024-july-montreal.pptx>).
	+ Review summary in Final Report to 802.11
1. Approval of PAR Review SC report

**MOTION:**

**Move to accept the report contained in** <https://mentor.ieee.org/802.11/dcn/24/11-24-1056-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2024-july-montreal.pptx>  **as the report from PAR Review SC for the July 2024 Mixed-Mode 802 Plenary.**

**Moved: Al Petrick**

**2nd: Stephen McCann**

**Results: 4 – Yes; 0 – No; 0 – Abstain. Motion Passes.**

1. Adjourn at 11:19