IEEE P802.11
Wireless LANs

|  |
| --- |
| PAR Corrigendum 1: Correct 802.11ay Assignment of Protected Announce Support bit |
| Date: 2021-11-05 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jon Rosdahl | Qualcomm Technology, Inc. | 10871 N. 5750 W.Highland, UT 84003 | +1-801-492-4023 | Jrosdahl @ ieee . org |
|  |  |  |  |  |

Abstract

Proposed Cordigendum PAR to correct an error in the published IEEE Std 802.11ay-2021. In 9.4.2.241 Table 9-321 of 11ay, Protected Announce Support bit is reassigned.

The Project plan:

1. November 19, 2021 – 802 EC Approves PAR – Put on NesCom Agenda
2. January 25, 2022 – NesCom Telecon
3. February 2022: Approval by IEEE SA SASB – Letter Ballot
4. March 2022: Create the SA Ballot Pool. That requires 30 days.
5. March 2022 - Conduct an IEEE 802.11 WG LB to approve the change – 30 days required.
6. May 2022 – 802.11 WG Approval
7. June 7, 2022 - Request IEEE 802 EC (Conditional) approval for starting the IEEE SA Letter ballot.
8. June 2022 - IEEE SA Letter Ballot – 30 days June - July
9. June 2022 - Public Review Requires 60 days. June – Aug
10. July 2022 - Request IEEE 802 EC (Conditional) approval for sending to RevCom May 2022.
11. September 2022: Expect only one SA ballot will be needed, RevCom deadline for the Sept 2022 RevCom meeting agenda - Aug 11, 2022.

R0: Draft PAR for Discussion in REVme telecon Nov 1, 2021.

R1: Updated per 802.11me Telecon discussion November 1, 2021 – Added Project plan to Abstract.



P802.11-2020/Cor 1

**Type of Project:** Corrigendum to IEEE Standard 802.11-2020

**Project Request Type:** Initiation / Corrigendum

**PAR Request Date:**

**PAR Approval Date:**

**PAR Expiration Date:**

**PAR Status:** Draft

**Root Project:** 802.11-2020

* 1. **Project Number:** P802.11-2020/Cor 1
	2. **Type of Document:** Standard
	3. **Life Cycle:** Full Use

**2.1 Project Title:** IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Corrigendum 1: Correct 802.11ay Assignment of Protected Announce Support bit

* 1. **Working Group:** Wireless LAN Working Group(C/LM/802.11 WG)

# Contact Information for Working Group Chair:

**Name:** Dorothy Stanley

**Email Address:** dstanley1389@gmail.com

# Contact Information for Working Group Vice Chair:

**Name:** Jon Rosdahl

**Email Address:** jrosdahl@ieee.org

* 1. **Society and Committee:** IEEE Computer Society/LAN/MAN Standards Committee(C/LM)

# Contact Information for Standards Committee Chair:

**Name:** Paul Nikolich

**Email Address:** p.nikolich@ieee.org

# Contact Information for Standards Committee Vice Chair:

**Name:** James Gilb

**Email Address:** gilb@ieee.org

# Contact Information for Standards Representative:

**Name:** James Gilb

**Email Address:** gilb@ieee.org

* 1. **Type of Ballot:** Individual

# Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot: March 2022

# Projected Completion Date for Submittal to RevCom: September 2022

**5.1 Approximate number of people expected to be actively involved in the development of this project:** 425

* + 1. **Scope of the complete standard:** The scope of this standard is to define one medium access control (MAC) and several physical layer (PHY) specifications for wireless connectivity for fixed, portable, and moving stations (STAs) within a local area.
		2. **Scope of proposed changes:** This Corrigenda corrects an error in the published IEEE Std 802.11ay-2021. In subclause 9.4.2.241, Table 9-321 of 11ay, the Protected Announce Support bit is reassigned.

# Is the completion of this standard contingent upon the completion of another standard? No

* 1. **Purpose:** The purpose of this standard is to provide wireless connectivity for fixed, portable, and moving stations within a local area. This standard also offers regulatory bodies a means of standardizing access to one or more frequency bands for the purpose of local area communication.
	2. **Need for the Project:** There is an error in published IEEE Std 802.11ay-2021. In 9.4.2.241 Table 9-321 of 11ay, bit 6 has been assigned to “Protected Announce Support”.

However, in the ANA database (see https://mentor.ieee.org/802.11/dcn/11/11-11-0270-56-0000-ana- database.xls Extended RSN Capabilities tab), bit 6 is assigned to the Wi-Fi Alliance (WFA) and used by existing 802.11 implementations.

A new bit assignment will need to be made.

* 1. **Stakeholders for the Standard:** The stakeholders of this standard are the developers and users of the Wireless LAN devices, including wireless network access service providers, manufacturers, health care workers, retail service providers, and many others.

# Intellectual Property

* + 1. **Is the Standards Committee aware of any copyright permissions needed for this project?**

No

# Is the Standards Committee aware of possible registration activity related to this project?

No

# Are there other standards or projects with a similar scope? No

* 1. **Is it the intent to develop this document jointly with another organization?** No

**8.1 Additional Explanatory Notes:**

5.2b, and 5.5 Referenced standards: IEEE Std 802.11ay-2021:

IEEE Standard for Information Technology— Telecommunications and Information Exchange between Systems Local and Metropolitan Area Networks— Specific Requirements

Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment 2: Enhanced Throughput for Operations in License-exempt Bands above 45 GHz

5.2b: This Corrigenda corrects an error in the published IEEE Std 802.11ay-2021. In subclause 9.4.2.241, Table 9-321 of 11ay, the Protected Announce Support bit is expected to be reassigned to bit 11.

**References:**

**Problem Statement - Extended RSN Capabilities Issues in IEEE 802.11ay-2021 --** <https://mentor.ieee.org/802.11/dcn/21/11-21-1687-01-000m-extended-rsn-capabilities-issues-in-ieee-802-11ay-2021.pptx>