IEEE P802.11
Wireless LANs

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| PAR Corrigendum 1: Correct 802.11ay Assignment of Protected Announce Support bit |
| Date: 2021-11-01 |
| Author(s): |
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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.

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



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:

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

# Contact Information for Standards Committee Chair:

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

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

Feb 2022

# Projected Completion Date for Submittal to RevCom: Apr 2022

**5.1 Approximate number of people expected to be actively involved in the development of this project:** 300

* + 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 will 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.

# 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 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:** 4.3 - While a nominal 6 months is needed in general; this is a Corrigenda. There is only one bit that is being corrected from the P802.11ay Enhanced Throughput for Operation in License- Exempt Bands Above 45 GHz amendment, in 9.4.2.241 Table 9-321 of 11ay, Protected Announce Support bit is reassigned.

5.2b, and 5.5 Referenced standards:

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

**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>