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AMENDMENT 5
2020-08

Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks —

Part 11:
Wireless LAN medium access control (MAC) and physical layer (PHY) specifications

AMENDMENT 5: Preassociation discovery

Télécommunications et échange entre systèmes informatiques — Exigences pour les réseaux locaux et métropolitains —

Partie 11: Spécifications du contrôle d'accès du milieu sans fil (MAC) et de la couche physique (PHY)

AMENDEMENT 5: Découverte de pré-association

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(Amendment to IEEE Std 802.11™-2016
as amended by IEEE Std 802.11ai™-2016,
IEEE Std 802.11ah™-2016,
IEEE Std 802.11aj™-2018,
and IEEE Std 802.11ak™-2018)

**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 5: Preassociation Discovery

Sponsor

LAN/MAN Standards Committee
of the
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Approved 14 June 2018

IEEE-SA Standards Board

Abstract: Modifications to IEEE Std 802.11™-2016, above the physical layer (PHY), to enable delivery of preassociation service discovery information to IEEE 802.11 stations (STAs) are defined in this amendment.

Keywords: amendment, bloom filter, hash function, IEEE 802.11™, IEEE 802.11aq™, preassociation, service discovery

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This introduction is not part of IEEE Std 802.11aq-2018, 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 5: Preassociation Discovery.

This amendment defines 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. It defines modifications to IEEE Std 802.11-2016, above the physical layer (PHY), to enable delivery of preassociation service discovery information to IEEE 802.11 stations (STAs).

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