IEEE P802.11  
Wireless LANs

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| 802.11aq amendment publication Press Release | | | | |
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Abstract

This document contains the draft press release announcing IEEE Std 802.11aq™-2018 amendment publication.

# Process

This press release was authored by the IEEE marketing department (represented by Jeff Pane) after interviewing an 802.11 subject-matter experts (Stephen McCann and Yunsong Yang). The press release is being notified to the WG and will be notified to the EC for comment.

# Press Release:

# **DRAFT: NOT FOR IMMEDIATE RELEASE**

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**Wireless Service Discovery is Easy with IEEE 802.11aq™**

*New amendment to IEEE 802.11 standard benefits both network operators and end users by enabling better service availability detection for wireless local area networks*

**PISCATAWAY, NJ, XX August 2018** - IEEE, the world's largest technical professional organization dedicated to advancing technology for humanity, and the [IEEE Standards Association (IEEE-SA)](http://bit.ly/IEEESA-802AQPressRelease), today announced it has approved and published [IEEE 802.11aq](http://standards.ieee.org/findstds/standard/802.11aq-2018.html), an amendment to IEEE Std 802.11™ that addresses the pre-association discovery of available services in Wireless Local Area Networks (WLANs), benefitting network operators and end users alike. The amendment is available for purchase through the IEEE Standards Store.

“How bothersome is it to connect your device to a WLAN, only to find out that it doesn’t support the specific type of service you’re looking for? The arrival of the IEEE 802.11aq amendment circumvents that frustration by enabling users to determine what services are available prior to actually connecting to a given network,” said Stephen McCann, chair IEEE 802.11aq task group; and standards manager, BlackBerry Ltd. “The standard also gives network operators an important advantage by allowing them to differentiate themselves through their service offerings in crowded competitive markets. It’s a win-win situation.”

Approved in June 2018, the IEEE 802.11aq amendment specifies parameters for pre-association queries between wireless networks and devices. By facilitating a rich exchange of information between the wireless access point and the user’s device, users can quickly and easily discover what types of services are supported before making the decision to connect. Simplifying the service discovery process streamlines the network selection process, thereby elevating the end user experience.

Storing and caching available services with access points permits operators to differentiate their service offerings from market competitors in the same locality, opening the door to potential revenue generation opportunities.

IEEE 802.11aq is available for purchase at the IEEE Standards Store.

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**References:**