IEEE P802.11
Wireless LANs

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| Communication from WFA Hotspot Task Group re: ANQP |
| Date: 2021-05-07 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains an email communication received from the WFA Hotspot Marketing Task Group re: the IEEE 802.11 defined Access Network Query Protocol (ANQP).

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| **Susan Silveira** <ssilveira@wi-fi.org> | Thu, Apr 29, 2021 at 5:21 PM |
| To: "dstanley@ieee.org" <dstanley@ieee.org>Cc: "montemurro.michael@gmail.com" <montemurro.michael@gmail.com>, Consuelo Ortiz cortiz@wi-fi.org

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| subject: | IEEE Std 802.11™-2020 ANQP features |

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| Dear Dorothy, Wi-Fi Alliance member companies implement multiple features that use IEEE 802.11 Working Group defined ANQP signaling. We have found that some ANQP exchanges could be ambiguous, not fully expressing the expectations of the limit of a message or its response. We also found that additional messages could be used to express quantities that were not envisioned in the original design of ANQP. We know that the IEEE 802.11 Working Group is developing a maintenance revision of IEEE Std 802.11™-2020 in the P802.11REVme project. We would like to express our support of clarifications and enhancements in clauses that concern ANQP, and request the following areas be investigated: ·         If an ANQP request includes a request for elements that the non-AP STA does not actually need;·         If an ANQP response includes ANQP elements beyond those that were requested;·         If an ANQP response does not carry all vendor-specific responses appropriate to the vendor-specific requests, if any;·         How to interpret an ANQP response that contains elements with overlapping semantics. For example, FQDN, realm, RCOI and/or MNC/MCC lists; and ·         If an ANQP response can be in the same GAS frame that carries non-ANQP GAS elements.  Thank you for your consideration, Hotspot 2.0 Marketing Task GroupWi-Fi Alliance |

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**References:**