IEEE P802.11
Wireless LANs

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| Comments resolution for CIDs 2332, 2657, and 2842 |
| Date: 2014-1-15 |
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Abstract

This contribution proposes resolutions to the CID 2657, CID 2332, and CID 2842.

# Conventions

 ‘Track changes’ is used to show changes to revision D1.2.

# Proposed Changes to 802.11ai/D1.2 Specification Text

**8.4.2.175 CAG Number element**

*Instructions to Editor: Modify the Clause 8.4.2.175 with the following text:*

The Element ID is equal to the CAG Number element value defined in Table 8-54 (Element IDs).

The Length is a 1-octet field whose value equals to 2 . [2657]**8.4.4 Access Network Query Protocol (ANQP) elements**

*Instructions to Editor: Modify the Table 8-192 as follows:*

|  |  |  |
| --- | --- | --- |
| **Table 8-192—ANQP-element definitions [2332]ANQP-element name** | **Info ID** | **ANQP-element****(subclause)** |
| **CAG** | **275** | **8.4.4.23 (CAG ANQP-element)**  |
|  |  |  |
|  |  |  |

**8.4.4.20 Query AP List ANQP-element**

*Instructions to Editor: Modify the Clause 8.4.4.20 with the following text:*

The Query AP List ANQP-element provides a list of APs and a list of identifiers of ANQP-elements for which the requesting STA is querying. This element allows an optimization of the ANQP query procedure by having multiple queries in a single ANQP query list thus reducing the time necessary for network discovery and selection. Each ANQP-element may be returned in response to Query AP List ANQP-element using the procedures in 10.25.3.2.11 (Query AP List procedure).

The format of the Query AP List ANQP-element is provided in Figure 8-431n (Query AP List ANQP-element field format).

The Info ID is a 2-octet field whose value is drawn from Table 8-192 (ANQP-element definitions) corresponding to the Query AP List ANQP-element.

The Length is a 2-octets field whose value is an unsigned positive integer that indicates the length of the remaining frame fields in octets.

The AP List is a variable length field defined in Figure 8-431o (AP List field format) that contains the list of

AP IDs for requested information.

The AP List Length subfield (Figure 8-431o (AP List field format)) is a 1-octet field whose value indicates the total length of the subsequent AP identifier subfields (i.e., six times the number of APs in the AP list). [2842]

Each AP identifier subfield takes 6 octets to indicate the BSSID of an AP that the requesting STA wants to query.

Each ANQP Query ID field value is an Info ID drawn from Table 8-192 (ANQP-element definitions).

Including an Info ID in the Query List ANQP-element declares that the STA performing the ANQP query is requesting the ANQP-element corresponding to that Info ID be returned in the ANQP query response. The Info IDs included in the Query AP List ANQP-element are ordered by increasing Info ID value. The ANQP query response is defined in 10.24.3.2.1.