IEEE P802.11  
Wireless LANs

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| CC08 – Normative Text for CIDs # 1271, 1270, 1268, 1267, 1266, 1449, 1448 and 1418 | | | | |
| Date: 2013-07-15 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Lin Cai | Huawei  Technologies Co. Ltd. |  |  | Lin.Cai@huawei.com |
| George Calcev | Huawei  Technologies Co. Ltd. |  |  | George.Calcev@huawei.com |
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Abstract

This submission proposes resolutions to the assigned CC8 comments, # 1271, 1270, 1268, 1267, 1266, 1449, 1448 and 1418

# Introduction

In TGai CC8 comment database, 13/0495r11 Comments [Ref-2], # 1271, 1270, 1268, 1267, 1266, 1449, 1448 are assigned to the contributor of this contribution. This contribution proposes resolutions to the above assigned CC8 comments.

# Conventions

In this contribution, the proposed 802.11ai Specification Document text will be presented as changes to the current TGai draft specification, 11ai/D0.5 [Ref-1]. The following format conventions are used:

1. The new added and modified text is marked as underline text;
2. The deleted text is marked as ~~strikethrough text~~;
3. The unchanged baseline standard text stays in black text in the context of proposed TGai specification text;
4. The editorial instruction is marked as *italic text highlighted by Yellow*; and
5. Any other text, e.g., discussions, proposed motions, etc., is in black text, but not in the context of proposed TGai specification text.
6. **Discussions**

All the following comments are editorial comments, and we have revised the text as follows.

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| 1271 | The title of '8-431n' is not correct. | Change the title of 8-431n to 'Query AP List ANQP-element format' | Accept. |
| 1270 | add a title for 8-184c 'AP List Response ANQP-element format' | add a title for 8-184c 'AP List Response ANQP-element format' | Accept. |
| 1268 | The length field definition is not correct. | Change to 'The Length field indicates the length of the remaining frame fields in octets and the value is variable. ' | Accept. |
| 1267 | It is not clear what 'it' refers to. | Delete 'and it is equal to the number of APs in the AP list' | Accept. |
| 1266 | The length field definition is not correct. | Change to 'The Length field indicates the length of the remaining frame fields in octets and the value is variable. ' | Accept. |
| 1449 | The "Query AP list request" is not defined or specified in the text. | Correct reference (may be to the Query List ANQP element?) or define the request. | Revised. Instruct the editor to incorporate the following changes in the standard document. Specifically, we use ‘'Query AP List ANQP-element’. |
| 1448 | The same element is called differently in the text. In line 56 of page 48 it is refered to as "Query List ANQP" element and in line 37 of page 49 it is refered to as "List ANQP" element.  Also "-" before elements in these two places are incorrect | Make the name of the field consistent in text. | Revised. Instruct the editor to incorporate the following changes in the standard document. Specifically, we use ‘'Query AP List ANQP-element’. |
| 1418 | Reduced Neighbor Report is adopted by Tgaf. | Sync the current TGai draft to the TGaf draft D4.0 for the Reduced Neighbor Report element. May be a submission is needed - Santosh | Reject. Encourage a submission to clarify this comment |

# Proposed Changes to 802.11ai/D0.5 Specification Text

**8.4.4.20 Query AP List ANQP-element**

***Revise the clause 8.4.4.20 as follows:***

The Query AP List ANQP-element [1448, 1449] provides a list of identifiers of ANQP-elements for which the requesting STA is querying. Each ANQP-element may be returned in response to Query AP List ANQP-element using the procedures in 10.24.3.2.11).

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

The Info ID is a 2- a 2-octet field whose value is drawn from Table 8-184 corresponding to the Query AP List ANQP-element.



**Figure 8-431n — Query AP List ANQP-element format[CID 1271]**

'The Length field is a2 octet field and it indicates the length of the remaining frame fields in octets.[1268]

The AP List is a variable length field defined in Figure 8-431o that contains the list of AP IDs for requested information.

The AP List Length subfield is a 1-octet field whose value is set to 6 times the number of AP identifier.[CID 1267]

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 8-184. 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

List ANQP-element are ordered by increasing Info ID value. The ANQP query response is defined in 10.24.3.2.1.

**8.4.4.21 AP List Response ANPQ-element**

***Revise the clause 8.4.4.21 as follows:***

The AP List Response element provides the response to the Query AP List ANQP-element [1448, 1449]. The frame format of the response frame is defined in Figure 8-184c.

The Info ID is a 2-octet field whose value is drawn from Table 8-184 corresponding to the AP List Response ANQP-element.

'The Length field is 2 octet field that indicates the length of the remaining frame fields in octets and the value is variable.[CID 1266]

The AP Identifier subfield takes 6 octets to indicate the BSSID of an AP that the requesting STA wants to

query.



**Figure 8-184c —**AP List Response ANQP-element format[CID 1270]