IEEE P802.11
Wireless LANs

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| --- |
|  Text of ANQP element provisioning  |
| Date: 2013-01-02 |
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Abstract

The submission provides the definition ANQP List IE which provides a means for ANQP information provisioning. The AP may add the most requested ANQP information elements in beacon, or FILS frame or Probe Response as a means of reducing the overhead related to the GAS requests and responses.

**8.3.3.2 Beacon frame format**

|  |  |  |
| --- | --- | --- |
| ***Order*** | ***Information*** | ***Notes***  |
| *ANQP\_List\_IE* | *ANA* |  *One or multiple ANQP information elements are provided if many GAS requests are received for the specific ANQP IE and dot11InterworkingServiceActivated is true and dot11AdaptiveANQPBeaconElement is true* |
|  |  |  |

**8.4.2 Information elements**

**8.4.2.1 General**

*Instructions to Editor: Append the Clause 8.4.2.1 with the following text:*

**Table 8-54ai—Element IDs**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Element***  | ***Element ID***  | ***Length of indicated******element (in octets)***  | ***Extensible*** |
| *ANQP\_List\_IE* | *ANA* | *0-255* | *yes* |
|  |  |  |  |

**8.4.2.121 ANQP\_List IE element**

The ANQP\_List\_IE information element includes one or more ANQP element values for which IDs are specified in Table 8-184ai01—ANQP-element definitions,

The format of the ANQP\_List\_IE information element is presented in Figure 8-401

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Element ID | Length | ANQP Info ID | ANQP Length | Value | … | ANQP Info ID | ANQP Length | Value |

Octets 1 1 1 1 Variable

Figure 8-401, ANQP\_List IE Information Element

The Element ID has one octet length and specifies the corresponding value of the ANQP information element specified in Table 8-54ai.

The Length field is one octet length specifies the length of ANQP\_List\_IE in octets

The ANQP Info ID specifies the Info ID from Table 8-184ai01 for the ANQP\_List\_IE element

The Value field has a variable lengths and contains the value associated with the ANQP Info ID

An AP may add the most requested ANQP information elements in beacon, or FILS frame or Probe Response as a means of reducing the overhead related to the GAS requests and responses.

**Motion-1:** To authorize the Editor to incorporate the text changes proposed in contribution 11-13-0038-02-00ai to the draft TGai Specification Document.

Yes: \_\_\_\_\_\_\_\_\_\_\_\_;  No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_;  Abstain:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[Result of Motion]