IEEE P802.11  
Wireless LANs

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| --- | --- | --- | --- | --- |
| Comment Resolution on EDMG Group ID Set element | | | | |
| Date: 2018-1-12 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Lei Huang | Panasonic |  |  | lei.huang@sg.panasonic.com |

Abstract

This submission proposes resolution of comments on 9.4.2.254 EDMG Group ID Set element received from LB# 231 (TGay Draft 1.0).

- 2 CID: 1046, 1152

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page Number** | **Line Number** | **Comment** | **Proposed Change** | **Resolution** |
| 1046 | 69 | 24 | Figure 52 follows the old pattern with fields shown in the frame format. The way of handling variable length lists is changed in 802.11-2016. Please see 9.4.2.71.3 or 9.4.5.23 of 802.11-2016 for examples. | Use the way of handling variable length list shown in 9.4.5.23 of 802.11-2016 for Figure 52. If needed, the commenter can prepre a submission. | Revised-  TGay editor to make the changes shown in 11-18/0091r1 under all headings that include CID 1046. |
| 1152 | 70 | 3 | An EDMG Group shall comprise one or more STAs. Therefore, it is better to define that the Group Size subfield indicates the number of EDMG STAs in the group minus one. | Change "The Group Size subfield indicates the number of EDMG STAs that belong to the group, i.e., the number of AID subfields following this subfield."  to "The Group Size subfield indicates the number of EDMG STAs that belong to the group (i.e., the number of AID subfields following this subfield) minus one." | Revised-  TGay editor to make the changes shown in 11-18/0091r1 under all headings that include CID 1152. |

**Proposed changes to D1.0:**

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* + - 1. EDMG Group ID Set element

*Make the following changes (CID#1152):*

The format of the EDMG Group ID Set element is shown in Figure 52.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | Number of EDMG Groups | EDMG Group Tuples | ~~…~~ | ~~EDMG Group N~~ |
| Octets: | 1 | 1 | 1 | 1 | Variable | ~~…~~ | ~~Variable~~ |

1. —EDMG Group ID Set element format

The Element ID, Length and Element ID Extension fields are defined in 9.4.2.1.

The Number of EDMG Groups field indicates the number of EDMG Group fields.

The EDMG Group Tuples field contains one or more EDMG Group Tuple subfields and the EDMG Group Tuple subfield has the structure as shown in Figure 53.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | B0 B7 | B8 B12 | B13 B15 | B16 B23 | B24 B31 |  | B(8×(N+1)) B(8×(N+2) – 1) |
|  | EDMG Group ID | Group Size (N) | Reserved | AID0 | AID1 | … | AIDN**-1** |
| Bits: | 8 | 5 | 3 | 8 | 8 | … | 8 |

1. —EDMG Group Tuple subfield format

The EDMG Group ID subfield is a unique, nonzero value that identifies the group.

The Group Size subfield indicates the number of EDMG STAs that belong to the group, i.e., the number of AID subfields following this subfield, minus one.

Each AID subfield contains the AID of an EDMG STA that belongs to the group.

**Straw Poll:**

* **Do you agree to accept the comment resolution as proposed in doc 11-18/0091r1?**