IEEE P802.11
Wireless LANs

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| Comment Resolution on EDMG Group ID Set element |
| Date: 2018-1-11 |
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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).

- 1 CID: 1152

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| --- | --- | --- | --- | --- | --- |
| **CID** | **Page Number** | **Line Number** | **Comment** | **Proposed Change** | **Resolution** |
| 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." | Accepted-TGay editor to make the changes shown in 11-18/0091r0 under all headings that include CID 1152. |

**Proposed changes to D1.0:**

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* + - 1. EDMG Group ID Set element

*Change this clause as follows (CID#1152):*

The EDMG Group ID Set element allows an AP or PCP to define groups of MU capable EDMG STAs to perform DL MU-MIMO beamforming training and transmissions. The EDMG Group ID Set element is transmitted in DMG Beacon or Announce frames.

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 1 | … | 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 field defines a group and is formatted 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 field 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 11-18/0091r0?**