IEEE P802.11
Wireless LANs

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| 11bi D0.4 CR for 9.4.2.338 |
| Date: 2024-08-16 |
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Abstract

This submission proposes resolutions for the following CIDs:

1054, 1078, 1105, 1269, 1270, 1271

Revisions:

* Rev 0: Initial version of the document.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbi D0.4 Draft. This introduction is not part of the adopted material.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 1269 | Mark RISON | 9.4.2.338 | 42.40 | Missing all the boilerplate format is shown in and description of the fields | As it says in the comment | Revised.Added boilerplate description.Please implement changes labelled with #1269. |
| 1270 | Mark RISON | 9.4.2.338 | 42.40 | This will just confuse everyone. Show the element in units of octets and have a field encompassing the last two octets and its subfields | As it says in the comment | Revised. Please implement changes labelled with #1270.  |
| 1271 | Mark RISON | 9.4.2.338 | 42.42 | "The minimum Epoch Pacing element is optionally present in the non-AP MLD (Re)Association Request" do not say which frames a n element appears in, as this will rot | As it says in the comment | Accepted.Please implement changes labelled with #1271. |
| 1054 | Antonio DeLaOlivaDelgado | 9.4.2.338 | 42.49 | Group Epoch Duration is not defined | Define Group Epoch Duration field of the Minimum Epoch Pacing element as the Epoch Interval Duration field of the EDP Epoch Settings field | Revised. Already addressed with #1105 and #1240. |
| 1078 | Julien Sevin | 9.4.2.338 | 42.50 | The field "Group Epoch Duration" is not specified | Please specify the field "Group Epoch Duration" | Revised.The field name was incorrect, and the correct name is Epoch Interval Duration, which has been addressed with #1105 (below) and #1240 (in 24/1418) |
| 1105 | stephane baron | 9.4.2.338 | 42.50 | EDP Epoch duration field name is not consistent with previous field EDP Epoch Settings field | Replace EDP Epoch duration field name by EDP Epoch Interval duration. | Revised.Already addressed as part of #1240 in 24/1418 (and applied to this clause)  |

***Editing instructions formatted like this are intended to be copied into the TGbi D0.4 Draft. (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents). TGbi Editor: Editing instructions preceded by “TGbi Editor” are instructions to the TGbi editor to modify existing material in the TGbi draft. As a result of adopting the changes, the TGbi editor will execute the instructions rather than copy them to the TGbi Draft.***

**Discussion:**

CID 1269

Revised

**(Original text)**

**9.4.2.338 Minimum Epoch Pacing element**

The minimum Epoch Pacing element is optionally present in the non-AP MLD (Re)Association Request frame, and signals the minimum epoch duration value that the non-AP MLD can support.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | Epoch Interval Unit (#1240) | Epoch Interval Length (#1240) | Reserved |
| Bits: | 8 | 8 | 8 | 3 | 11 | 2 |

Figure 9-1001di - Minimum Epoch Pacing element

**(note: CID #1240, addressed in 24/1418 suggested to split the Epoch Interval Duration, herein called Group Epoch Duration, into its primal components, Epoch Interval Unit and Epoch Interval Length. This comment was made for 9.4.2.337 and forwarded to this element – this document assumes that 24/1418 changes were implemented)**

**9.4.2.338 Minimum Epoch Pacing element**

The minimum Epoch Pacing element is optionally present in the non-AP MLD (Re)Association Request frame, and signals the minimum epoch duration value that the non-AP MLD can support. The format of the Minimum Epoch Pacing element is shown in Figure 9-1001di. (#1269)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | Epoch Interval Unit (#1240) | Epoch Interval Length (#1240) | Reserved |
| Bits: | 8 | 8 | 8 | 3 | 11 | 2 |

Figure 9-1001di - Minimum Epoch Pacing element

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

The Epoch Interval Units Epoch Interval Lengths are shown in Table 9-401af (Epoch Interval Units and epoch durations). (#1269)

CID 1270

Revised

**9.4.2.338 Minimum Epoch Pacing element**

The minimum Epoch Pacing element is optionally present in the non-AP MLD (Re)Association Request frame, and signals the minimum epoch duration value that the non-AP MLD can support. The format of the Minimum Epoch Pacing element is shown in Figure 9-1001di. (#1269)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | ~~Group~~ ~~Epoch~~ ~~Duration~~ | ~~Epoch Interval Unit (#1240)~~ | ~~Epoch Interval Length (#1240)~~ | ~~Reserved~~ | Minimum Epoch Pacing Parameters |
| ~~Bits~~Octets: | ~~8~~1 | ~~8~~1 | ~~8~~1 | ~~14~~ (#1240) | ~~3~~ | ~~11~~ | ~~2~~ | 2 (#1270) |

Figure 9-1001di - Minimum Epoch Pacing element

The Element ID, Length and Element ID Extension fields are defined in 9.4.2.1. The format of the Minimum Epoch Pacing Parameters field is shown in Figure 9-xxx. (#1270)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Epoch Interval Unit | Epoch interval Length | Reserved |
| Bits: | 3 | 11 | 2 |

Figure 9-xxx Minimum Epoch Pacing Parameters field (#1270)

The Epoch Interval Units Epoch Interval Lengths are shown in Table 9-401af (Epoch Interval Units and epoch durations). (#1269)

CID 1271

Accepted

**9.4.2.338 Minimum Epoch Pacing element**

The minimum Epoch Pacing element ~~is optionally present in the non-AP MLD (Re)Association Request frame, and~~ (#1271) signals the minimum epoch duration value that the non-AP MLD can support. The format of the Minimum Epoch Pacing element is shown in Figure 9-1001di. (#1269)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | ~~Group~~ ~~Epoch~~ ~~Duration~~ | ~~Epoch Interval Unit (#1240)~~ | ~~Epoch Interval Length (#1240)~~ | ~~Reserved~~ | Minimum Epoch Pacing Parameters |
| ~~Bits~~Octets: | ~~8~~1 | ~~8~~1 | ~~8~~1 | ~~14~~ (#1240) | ~~3~~ | ~~11~~ | ~~2~~ | 2 (#1270) |

Figure 9-1001di - Minimum Epoch Pacing element

The Element ID, Length and Element ID Extension fields are defined in 9.4.2.1. The format of the Minimum Epoch Pacing Parameters field is shown in Figure 9-xxx. (#1270)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Epoch Interval Unit | Epoch interval Length | Reserved |
| Bits: | 3 | 11 | 2 |

Figure 9-xxx Minimum Epoch Pacing Parameters field (#1270)

The Epoch Interval Units Epoch Interval Lengths are shown in Table 9-401af (Epoch Interval Units and epoch durations). (#1269)

*TGbi editor: Modify clause 9.4.2.338 as follows (track change on):*

**Minimum Epoch Pacing element**

The minimum Epoch Pacing element (##1271) signals the minimum epoch duration value that the non-AP MLD can support. The format of the Minimum Epoch Pacing element is shown in Figure 9-1001di. (#1269)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length | Element ID Extension | ~~Group~~ ~~Epoch~~ ~~Duration~~ | ~~Reserved~~ | Minimum Epoch Pacing Parameters (#1270) |
| Octets (#1270): | 1 | 1 | 1 | ~~14~~ | ~~2~~ | 2 |

**Figure 9-1001di - Minimum Epoch Pacing element**

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

The format of the Minimum Epoch Pacing Parameters field is shown in Figure 9-xxx. (#1270)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Epoch Interval Unit | Epoch interval Length | Reserved |
| Bits: | 3 | 11 | 2 |

Figure 9-xxx Minimum Epoch Pacing Parameters field (#1270)

The Epoch Interval Units Epoch Interval Lengths are shown in Table 9-401af (Epoch Interval Units and epoch durations). (#1269)