IEEE P802.11
Wireless LANs

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| D6.0 Comment Resolution on Group ID |
| Date: 2020-4-6 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Lei Huang | Panasonic Corporation |  |  | lei.huang@sg.panasonic.com |

Abstract

This submission proposes resolutions for the following comments from the sponsor ballot on P802.11ba D6.0:

2 CIDs: 7050, 7112

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version.

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 TGba D6.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGba D6.0 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGba Editor: Editing instructions preceded by “TGba Editor” are instructions to the TGba editor to modify existing material in the TGba draft. As a result of adopting the changes, the TGba editor will execute the instructions rather than copy them to the TGba Draft.***

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| **CID** | **Commenter** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 7050 | Lepp, James | 29.5.4 | 108.22 | "A WUR AP shall randomly select the starting value of the WUR group ID space from the identifier’s space." First off, need to specify when the AP selects this value. Is it at the startup of the BSS, or is it selected at another time. Second, is it completely random with equal probability of any value within the 12-bit space for IDs? I'd expect it is not. |   | Revised - Agreed with the commenter in principle.A WUR AP shall select the starting value of WUR group ID space before the WUR AP starts to assign WUR group ID(s) to a WUR non-AP STA.In addition, it has been mentioned in P108L23 that All WUR group IDs shall not match any of the WUR IDs, transmitter ID, and nontransmitter IDs (if any). Therefore, it is apparent that the starting value of the WUR group ID space is not completely random with equal probability of any value within the 12-bit identifier space.TGba editor, please make changes as shown in doc 11-20/0522r0 under all headings that include CID 7050. |
| 7112 | Hamilton, Mark | 29.5.4 | 108.16 | "A VL WUR Wake-up frame with a WUR group ID in the ID field ..." What other kind of VL WUR Wake-up frame is there? Similarly, at P120.52, and the phrase "VL WUR Wake-up frame with one or more STA Info fields". | Delete "with a WUR group ID in the ID field" at P108.16. Delete "with one or more STA Info fields" at P120.52. NOTE: Another comment suggests changing "one or more" to "two or more" at P120.52 - if that is done, then this change (at that location) should not be done. | Revised - Agreed with the commenter in principle. Since a VL WUR Wake-up frame always has a WUR group ID in the ID field, it is not necessary to mention a VL WUR Wake-up frame with a WUR group ID in the ID field.In addition, a VL WUR Wake-up frame should include two or more STA Info fields in the Frame Body field since it is better to use a FL WUR Wake-up frame to wake up a single STA instead of a VL WUR Wake-up frame. TGba editor, please make changes as shown in doc 11-20/0522r0 under all headings that include CID 7050. |

**Discussion:** *None.*

**Propose:** Revised for CIDs 7050, 7112 per discussion and editing instructions in 11-20/0522r0.

***TGba editor: Change clause 29.5.4 on P108L22 as follows***

A WUR AP shall randomly select the starting value of the WUR group ID space from the identifier’s space before the WUR AP starts to assign WUR group ID(s) to a WUR non-AP STA. (#7050)

***TGba editor: Change clause 29.5.4 on P108L16 as follows***

A VL WUR Wake-up frame is a group addressed WUR frame that is addressed to all the WUR non-AP STAs that are identified by the WUR IDs included in the Frame Body field and belong to the group identified by the WUR group ID include in the ID field. (#7112)

***TGba editor: Change clause 29.9.3 on P120L52 as follows***

A WUR AP that generates a VL WUR Wake-up frame with two or more STA Info fields shall order the STA Info fields in the Frame Body field so that the WUR IDs appear in increasing order. (#7112)

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