IEEE P802.11  
Wireless LANs

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| Comment Resolutions on WUR Mode element – Part 1 | | | | |
| Date: 2018-11-12 | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGba D1.0 with the following CIDs:

* 4 CIDs: 359, 567, 982, 1027

R0: Original version

R1: Add 1 CID (1027) which is related to 567 with green highlighted

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 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGba 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.***

# WUR Mode Element

| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
| 359 | 28.48 | 9.4.2.273 | Reorder the type values so they are grouped better. It should be 0,1,5,2,3,4. | The order of the table is confusing. Reorder to: "0 Mode Request, 1 Mode Response, 2 Mode, 3 Suspend Request, 4,Suspend Response, 5, Suspend" | Rejected.  Order of the table is not a problem.  A figure would be added to describe the table more detail. |
| 567 | 30.06 | 9.4.2.273 | Table 9-318c and 9-318e may not be present for all wur action types. E.g. Enter WUR mode, Enter WUR Suspend, or action types is response and response status is denied | adds a sentence to say 'WUR Parameters field is not present in WUR mode element when Action type is either Enter WUR mode Suspend Request, Enter WUR mode Suspend Response, Enter WUR mode, Enter WUR Mode Suspend,, or when WUR Mode Response Status subfield indicates denied" | Revised.  Agreed in priciple.  Presence of WUR Parameters field should be decribed.  TGba editor to make the changes shown in 11-18/1865r1 |
| 449 | 30.01 | 9.4.2.273 | The subfileds of WUR parameters field from WUR AP are usless unless WUR Mode Response Status value is 0. | Make sure that the table 9-318c is used when the WUR Mode Response Status value is 0. In other cases (denial cases), a WUR AP needs to utilizes the subfields format presented in the table 9-318e | Revised.  Agreed in priciple.  WUR Parameters field will not be present in denial cases.  TGba editor to make the changes shown in 11-18/1865r1 |
| 982 | 29.06 | 9.4.2.273 | If the STA requests to enter WUR mode, the AP can reject it because the AP has a lot of buffered BUs for the STA. It is inefficient for a STA to operate in WUR mode when it has a lot of buffered BU. | Add one more value for "Denied, AP has buffered BU for the STA". | Revised.  Agreed in priciple.  That denial reason should be added.  TGba editor to make the changes shown in 11-18/1865r1 |
| 1027 | 28.00 | 9.4.2.273 | From the procedure point of view, it is possible to assign WUR ID during association. Also the other parameters can be set during association as an initial value. Why not allow WUR Mode element in Association/Reassociation Response frames? | As in comment. | Rejected.  There is no performance gain when WUR ID is assigned during associatoin. |

**9.4.2.273 WUR Mode element**

**TGba Editor: Modify the Table 9-318b as follows [982]:**

**Table 9-318b— WUR Mode Response Status Definition**

|  |  |
| --- | --- |
| **Value** | **Meaning** |
| 0 | Accept |
| 1 | Denied, due to unspecified reason |
| 2 | Denied, the preferred duty cycle period is too large |
| 3 | Denied, AP has buffered BU(s) for the STA |
| 4-255 | Reserved |

**TGba Editor: Modify the 5th paragraph as follows [567, 449]:**

The WUR Parameters Control field indicates the configuration of the following WUR Parameters field. The format of the WUR Parameter Control field is shown in Figure 9-751b (WUR Parameters Control field format).The WUR Parameters Control field is valid only when the Action Type field is set to “Enter WUR Mode Response” or “Enter WUR Mode Suspsend Response” and WUR Mode Response Status field is set to Accept. Otherwise, this field is reserved.(#567, 449)

**TGba Editor: Add this paragraph after 6th paragraph [567, 449]:**

WUR Parameters field is present in WUR Mode element when Action Type is “Enter WUR Mode Request”, “Enter WUR Mode Suspend Request”, “Enter WUR Mode Response” with WUR Mode Response Status field is Accept, or “Enter WUR Mode Suspend Response” with WUR Mode Response Status field is Accept. Otherwise, WUR Parameters field is not present in WUR Mode element. (#567, 449)