IEEE P802.11
Wireless LANs

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| CC50 CR for CID 3140 |
| Date: 2025-05-13 |
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|  |  |  |  |  |

Abstract

This submission proposes resolutions for the following CID for CC50:

• 3140

**Revisions:**

* Rev 0: Initial version of the document.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clasue** | **Page/Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3140 | 9.6.12.2 | 0 | TDLS frame (e.g., TLDS Setup Request frame, TDLS Setup Response frame, etc.) should be updated based on UHR features. For example, TLDS STA need to know which UHR features (NPCA, IDC, DPS, etc.) the peer STA supports or enables. | Update the TDLS frames and related fields accordingly | RevisedAgree in principle with the comment.TDLS STA can include UHR Capabilities element or UHR Operation element in TDLS frames (e.g., TDLS Discovery Response, TDLS Setup Request, TDLS Setup Response frame, TDLS Setup Confirm). TGbn editor to make the changes shown in 11-25/0929r0 under all headings that include CID 3140 |

**Proposed texts:**

***TGbe editor: Insert the following subclauses and related texts and tables to TGbn Draft as follows: (#3140):***

**9.6.7.17 TDLS Discovery Response frame format (#3140)**

***Insert the following row in Table 9-482 (TDLS Discovery Response Action field format) (not all lines shown) as follows:***

**Table 9-482—TDLS Discovery Response Action field format**

|  |  |  |
| --- | --- | --- |
| **Order** | **Information** | **Notes** |
| … |  |  |
| <Last assigned + 1> | UHR Capabilities  | The UHR Capabilities element is present if dot11UHROptionImplemented is true; otherwise, it is not present. |

**9.6.12 TDLS Action field formats (#3140)**

**9.6.12.2 TDLS Setup Request Action field format**

***Insert the following row in*** [***Table 9-525 (Information for TDLS Setup***](file:///D%3A%5CWork%5C1%20IEEE%20802.11%20Drafts%5C0%20TGbe%5CDraft%20P802.11be_D6.0%20-%20Word%5CDraft%20P802.11be_D6.0%20-%20Word%5CTGbe_Cl_09.docx#_bookmark307)[***Request Action field)***](file:///D%3A%5CWork%5C1%20IEEE%20802.11%20Drafts%5C0%20TGbe%5CDraft%20P802.11be_D6.0%20-%20Word%5CDraft%20P802.11be_D6.0%20-%20Word%5CTGbe_Cl_09.docx#_bookmark307) ***(not all lines shown) as follows:***

**Table 9-525—Information for TDLS Setup Request Action field**

|  |  |  |
| --- | --- | --- |
| **Order** | **Information** | **Notes** |
| … |  |  |
| <Last assigned + 1> | UHR Capabilities  | The UHR Capabilities element is present if dot11UHROptionImplemented is true; otherwise, it is not present. |

**9.6.12.3 TDLS Setup Response Action field format**

***Insert the following row in*** [***Table 9-526 (Information for TDLS Setup***](file:///D%3A%5CWork%5C1%20IEEE%20802.11%20Drafts%5C0%20TGbe%5CDraft%20P802.11be_D6.0%20-%20Word%5CDraft%20P802.11be_D6.0%20-%20Word%5CTGbe_Cl_09.docx#_bookmark307)[***Response Action field)***](file:///D%3A%5CWork%5C1%20IEEE%20802.11%20Drafts%5C0%20TGbe%5CDraft%20P802.11be_D6.0%20-%20Word%5CDraft%20P802.11be_D6.0%20-%20Word%5CTGbe_Cl_09.docx#_bookmark307) ***(not all lines shown) as follows:***

**Table 9-526—Information for TDLS Setup Response Action field**

|  |  |  |
| --- | --- | --- |
| **Order** | **Information** | **Notes** |
| … |  |  |
| <Last assigned + 1> | UHR Capabilities  | The UHR Capabilities element is present if dot11UHROptionImplemented is true; otherwise, it is not present. |

**9.6.12.4 TDLS Setup Confirm Action field format**

***Insert the following row in*** [***Table 9-527 (Information for TDLS Setup***](file:///D%3A%5CWork%5C1%20IEEE%20802.11%20Drafts%5C0%20TGbe%5CDraft%20P802.11be_D6.0%20-%20Word%5CDraft%20P802.11be_D6.0%20-%20Word%5CTGbe_Cl_09.docx#_bookmark307)[***Response Action field)***](file:///D%3A%5CWork%5C1%20IEEE%20802.11%20Drafts%5C0%20TGbe%5CDraft%20P802.11be_D6.0%20-%20Word%5CDraft%20P802.11be_D6.0%20-%20Word%5CTGbe_Cl_09.docx#_bookmark307) ***(not all lines shown) as follows:***

**Table 9-527—Information for TDLS Setup Confirm Action field**

|  |  |  |
| --- | --- | --- |
| **Order** | **Information** | **Notes** |
| … |  |  |
| <Last assigned + 1> | UHR Operation  | The UHR Operation element is present when dot11UHROptionImplemented is true, the TDLS Setup Response frame contained an UHR Capabilities element, and the status code is SUCCESS; otherwise, it is not present. The UHR Operation element is defined in 9.4.2.aa1 (UHR Operation element). |