802.11ba Draft Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Spec Text for WUR Discovery Period | | | | |
| Date: 2018-07-11 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Taewon Song | LG Electronics | 19, Yangjae-daero 11gil, Seocho-gu, Seoul 137-130, Korea |  | taewon.song@lge.com |
| Suhwook Kim |  | suhwook.kim@lge.com |
| Jeongki Kim |  | jeongki.kim@lge.com |
| Kiseon Ryu |  | kiseon.ryu@lge.com |
| Jinsoo Choi |  | js.choi@lge.com |

Abstract

This submission contains spec text to be incorporated in the P802.11ba D1.0 related to the following.

The content of this document is based on 11-18/1120r1.

Revision History:

* Rev 0: Initial version of the document
* Rev 1: Revices based on feedbacks (Changes in green.)

***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 or insert 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.***

***SP: Do you agree to add the WUR Discovery Period subfield into the WUR AP subfield and add the WUR Discovery Period Present into the Bitmap Control field?***

***Y/N/A***

* **Elements**

9.4.2.265 WUR Discovery element

***TGba Editor: Instruction: Modify Figure 9.xxx (WUR AP subfield format) as shown below:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Bitmap Control | | Short-SSID | BSSID | WUR Discovery Period |
| Octets: | 1 | | 0 or 4 | 0 or 6 | 0 or 2 |
|  | | Figure 9-xxx - WUR AP subfield format | | | | |

***TGba Editor: Instruction: Modify Figure 9.xxx (Bitmap Control field) as shown below:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | B0 | B1 | B2 | B3 | B4              B7 |
|  | Transmitting  WUR AP | Short-SSID Present | BSSID Present | WUR Discovery Period Present | Reserved |
| Bits: | 1 | 1 | 1 | 1 | 4 |
|  | Figure 9-xxx - Bitmap Control field format | | | | |

***TGba Editor: Instruction: Add the following sentence in subclause 9.4.2.265 (WUR Discover element) after 10th paragraph as shown below:***

The WUR Discovery Period Present subfield is set to 1 if the WUR Discovery Period is present in the WUR AP subfield and is set to 0, otherwise.

***TGba Editor: Instruction: Add the following sentence in subclause 9.4.2.265 (WUR Discover element) after 13th paragraph as shown below:***

The WUR Discovery Period field contains the number of time units (TUs) between consecutive WUR Discovery frames transmitted by a WUR AP STA.

* 1. **WUR Discovery**

***TGba Editor: Instruction: Add the following sentences below the first paragraph in subclause 31.10 (WUR Discovery) as shown below:***

The WUR Discovery period is included in Beacon and Probe Response frames, and a WUR non-AP STA shall adopt that discovery period when discovering the BSS.