IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 802.11bc LB257 – Resolution for CID 2075 | | | | |
| Date: January 19, 2022 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Antonio de la Oliva | Interdigital Ltd, UC3M |  |  | aoliva@it.uc3m.es |
| Xiaofei Wang | Interdigital Ltd |  |  |  |

Abstract

This submission proposes resolutions for the following CIDs submitted during LB257 for 11bc D2.0: 2075

This document addresses the lack of information on the Time to Termination, EBCS SP duration and EBCS SP Interval in the Enhanced Broadcast Services Response ANQP-element.

This contribution uses D2.1 as baseline.

##### 9.4.5.32 Enhanced Broadcast Services Response ANQP-element

11

1. The Enhanced Broadcast Services Response ANQP-element provides a list of zero or more enhanced
2. broadcast services that are available from a peer STA. The format of the Enhanced Broadcast Services
3. Response ANQP-element is defined in [Figure 9-839ab (Enhanced Broadcast Services Response ANQP-](#_bookmark131)
4. [element format](#_bookmark131)).

16

17

|  |  |  |
| --- | --- | --- |
| Info ID | Length | ~~Enhanced Broadcast Services Response Tuples~~  EBCS Response Information List  (Optional) |

18

19

20

21

22

23

24 Octets: 2 2 variable

25

##### 26 Figure 9-839ab—Enhanced Broadcast Services Response ANQP-element format

27

1. The Info ID and Length fields are defined in 9.4.5.1 (General).

The EBCS Response Information List is defined in 9.4.1.69 (EBCS Response field).

1. ~~The Enhanced Broadcast Services Response~~
2. ~~Tuples field, if present, contains one or more Enhanced Broadcast Services Response Tuple fields. The~~

30

1. ~~Enhanced Broadcast Services Response Tuple field is defined in~~ [~~Figure 9-839ac (Enhanced Broadcast~~](#_bookmark132)
2. [~~Services Response Tuple format~~](#_bookmark132)~~).~~

~~33~~

~~34~~

~~Content ID~~

~~Broadcast Service Transmitting~~

~~35~~

~~36~~

~~37~~

~~38 Octets: 1 1~~

~~39~~

##### ~~40~~ ~~Figure 9-839ac—Enhanced Broadcast Services Response Tuple format~~

~~41~~

~~42 The Broadcast Service Transmitting field indicates whether the EBCS traffic stream referenced by the~~

43

1. ~~Content ID field is being transmitted. A value of 1 indicates that the traffic stream is being transmitted and a~~
2. ~~value of 0 indicates that the traffic stream is not being transmitted. All other values are reserved.~~

~~46~~

1. ~~The Broadcast Service Transmitting field values are defined in~~ [~~Table 9-340k (Broadcast Service~~](#_bookmark133)
2. [~~Transmitting field values).~~](#_bookmark133)

49

~~50~~

~~51~~

##### ~~52~~ ~~Table 9-340k—Broadcast Service Transmitting field values~~

~~53~~

~~54~~

|  |  |
| --- | --- |
| **~~Value~~** | **~~Description~~** |
| ~~0~~ | ~~A broadcast service is not being transmitted~~ |
| ~~1~~ | ~~A broadcast service is being transmitted~~ |
| ~~2-255~~ | ~~Reserved~~ |

~~55~~

~~56~~

~~57~~

~~58~~

~~59~~

~~60~~

~~61~~

##### 9.6.7.54 EBCS Info frame format

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | B0 | B1 | B2 | B3 | B4 | B5 | B6-B7 |
|  | Time Of Termination present | Next Schedule Present | Service URL Present | Vendor Specific Data Present | Content With Retrictions | Content Transmitted | Reserved |
| Bits | 1 | 1 | 1 | 1 | 1 | 1 | 2 |

The Time Of Termination Present subfield indicates whether the Time Of Termination field is present. The Next Schedule Present subfield indicates whether the Next Schedule field is present.

The Service URL Present subfield is set to 1 if the Service URL Length subfield and the Service URL subfield are present and is set to 0 otherwise

The Vendor Specific Data Present subfield is set to 1 if the Vendor Specific Data Length subfield and the Vendor Specific Data subfield are present ans is set to 0 otherwise.

The Content With Restriction subfield is set to 1 if the content requires off-line registration to be accessed and is set to 0 otherwise. The registration process is outside of the scope of this standard.

The Content Transmitted subfield is set to 1 if the content is being transmitted at the moment (no request is needed), and it is set to 0 otherwise.