IEEE P802.11
Wireless LANs

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| 802.11bc LB264 – Resolution for CID 3019 |
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 Abstract

This submission proposes resolutions for the following CIDs submitted during LB264 for 11bc D3.0: 3019

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###### 53 9.4.1.68 EBCS Content Request field

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1. The EBCS Request field is included in an EBCS Content Request frame transmitted by an EBCS non-AP
2. STA to request one or more EBCS traffic streams from its associated AP. The format of the EBCS Content
3. Request field is shown in [Figure 9-144b (EBCS Content Request field format).](#_bookmark13)

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1. The EBCS Content Request Information List field contains one or more EBCS Content Request Info
2. subfields.

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63 The format of the EBCS Content Request Info subfield is shown in [Figure 9-144c (EBCS Content Request](#_bookmark14)

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65 [Info subfield format](#_bookmark14)).

|  |  |
| --- | --- |
|  | EBCS Content Request Information List |
| Octets | Variable |

**Figure 9-144b—EBCS Content Request field format**

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|  |  |  |  |
| --- | --- | --- | --- |
| EBCSContent Request Info Control | Content ID | Broadcaster MAC Address | Requested Time To Termination |

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15 Octets: 1 1 0 or 6 0 or 3

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###### 17 Figure 9-144c—EBCS Content Request Info subfield format

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1. The format of the EBCS Request Info Control subfield is shown in [Figure 9-144d (EBCS Content Request](#_bookmark15)
2. [Info Control subfield](#_bookmark15)).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | B0 | B1 | B2 | B3 B7 |
|  | Requested Time To Termination Present | Broadcaster MAC Address Present | Broadcast Action | Reserved |
| Bits | 1 | 1 | 0 or 1 | 5 |

######  Figure 9-144d—EBCS Content Request Info Control subfield

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1. A value of 1 in the Requested Time To Termination Present subfield indicates that a Requested Time To
2. Termination subfield is present in the EBCS Content Request Info subfield. A value of 0 in the Requested
3. Time To Termination Present subfield indicates that a Requested Time To Termination subfield is not

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38 present in the EBCS Content Request Info subfield.

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1. A value of 1 in the Broadcaster MAC Address Present subfield indicates that a Broadcaster MAC Address
2. subfield is present in the EBCS Content Request Info subfield. A value of 0 in the Broadcaster MAC
3. Address Present subfield indicates that a Broadcaster MAC Address subfield is not present in the EBCS

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1. Content Request Info subfield.
2. A value of 1 in the Broadcast Action subfield indicates a request for registration to receive the EBCS traffic stream identified by the Content ID subfield included in the same EBCS Request Tuple field. A value of 0 in the Broadcast Action subfield indicates a request for de-registration to stop receiving the ECBS traffic stream identified by the Content ID subfield included in the same EBCS Request Tuple field. The Broadcast Action subfield is only valid if carried in an EBCS Request ANQP-element and otherwise it is reserved.

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46 The Content ID indicates the ID of the EBCS traffic stream being requested.

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48 The Broadcaster MAC Address subfield contains the MAC address of the AP from which the EBCS traffic

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50 stream is currently being received.

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1. The Requested Time To Termination subfield indicates the requested subscription period in number of
2. TBTTs after which the EBCS traffic stream identified by the Content ID subfield is terminated. The
3. encoding of the Requested Time To Termination subfield is the same as defined for the Time to Termination

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1. field in 9.4.1.69 (EBCS Content Response field). An EBCS STA does not include the Requested Time To
2. Termination subfield in the EBCS Content Request Info subfield or in the EBCS Content Request ANQP-element, if it does not request a specific time to
3. termination for the EBCS traffic stream identified by the Content ID subfield in the EBCS Content Request
4. Info subfield or in the EBCS Content Request ANQP-element.

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###### 8 9.4.5.31 EBCS Request ANQP-element

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1. The EBCS Content Request ANQP-element transmits a register (or unregister) request from a STA to a peer
2. STA to receive (or stop receiving) enhanced broadcast services that are available from the peer STA. The
3. format of the EBCS Content Request ANQP-element is defined in [Figure 9-839z (EBCS ANQP-element](#_bookmark73)
4. [format](#_bookmark73)).

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|  |  |  |
| --- | --- | --- |
| Info ID | Length | Enhanced Broadcast Services Request Tuples |

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20 Octets: 2 2 variable

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###### 22 Figure 9-839z—EBCS ANQP-element format

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

The EBCS Content Request Tuples field contains one or more EBCS Content Request Info subfields. The EBCS Content Request Info subfield is defined in 9.4.1.68 (EBCS Content Request field).

1. ~~The EBCS Content Request Tuples field contains one or more EBCS Content Request Tuple fields as shown~~
2. ~~in~~ [~~Figure 9-839aa (EBCS Content Request Tuple field format~~](#_bookmark74)~~).~~

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|  |  |  |  |
| --- | --- | --- | --- |
| EBCS Content Request Control | Content ID | Broadcaster MAC Address (optional) | Requested Time To Termination (optional) |

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~~35 Octets: 1 1 0 or 6 0 or 3~~

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###### ~~37~~ ~~Figure 9-839aa—EBCS Content Request Tuple field format~~

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~~39 The format of the EBCS Content Request Control subfield is defined in~~ [~~Figure 9-839ab (EBCS Content~~](#_bookmark75)

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~~41~~ [~~Request Control format~~](#_bookmark75)~~).~~

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~~45 B0 B1 B2 B3 B7~~

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|  |  |  |  |
| --- | --- | --- | --- |
| Broadcaster MAC Address Present | Requested Time To Termination Present | Broadcast Action | Reserved |

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~~50 Bits: 1 1 1 5~~

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###### ~~52~~ ~~Figure 9-839ab—EBCS Content Request Control format~~

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1. ~~A value of 1 in the Broadcaster MAC Address Present subfield indicates that a Broadcaster MAC Address~~
2. ~~subfield is present in the EBCS Content Request Tuple field; otherwise, the Broadcaster MAC Address~~
3. ~~subfield is not present.~~

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1. ~~A value of 1 in the Requested Time To Termination Present subfield indicates that a Requested Time To~~
2. ~~Termination subfield is present in the EBCS Content Request Tuple field; otherwise the Requested Time To~~
3. ~~Termination subfield is not present.~~

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1. ~~A value of 1 in the Broadcast Action subfield indicates a request for registration to receive the EBCS traffic~~
2. ~~stream identified by the Content ID subfield included in the same EBCS Request Tuple field. A value of 0 in~~
3. ~~the Broadcast Action subfield indicates a request for de-registration to stop receiving the ECBS traffic~~

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~~5 stream identified by the Content ID subfield included in the same EBCS Request Tuple field.~~

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~~7 The Content ID subfield indicates the identifier of the content.~~

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~~9 The Broadcaster MAC Address subfield and the Requested Time To Termination subfield are defined in~~

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~~11~~ [~~9.4.1.68 (EBCS Content Request field~~](#_bookmark12)~~).~~

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1. ~~An EBCS STA does not include the Requested Time To Termination subfield in the EBCS Content Request~~
2. ~~ANQP-element if it does not request a specific time to termination for the EBCS traffic stream identified by~~
3. ~~the Content ID subfield in the EBCS Content Request ANQP-element.~~

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