IEEE P802.11  
Wireless LANs

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| Clause 11 and PICS (Annex B) comment resolutions | | | | |
| Date: 2021-07-29 | | | | |
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Abstract

This document proposes some comment resolutions for IEEE 802.11bc D1.03

CIDs 1161, 1374 and 1376

**Discussion**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **P/L** | **Comment** | **Proposed Change** | **Resolution** |
| 1161 | Annex B | 70 | Receiver only device cannot transmit any frames. It means the receiver only device cannot support eBCS Request and Response Procedure. | "Change EBCS4 ""CFSTAofAP AND EBCS1: M"" to ""O"".  Or make new receiver only STA class, e.g. CFSTARXOnly, and ""(CFSTAofAP AND NOT CFSTARXOnly) AND EBCS1: M""" | Revised. The comment is correct and a new receiver only class is proposed. Please see the changes below tagged by #1161 |
| 1376 | B.4.3 | 70.7 | B.4.37 suggests only APs and their STAs can do EBCS | "Change ""O"" to ""CFAP OR CFSTAofAP:O"". Then in B.4.37 change ""(CFAP OR | Revised. The comment is correct, although unassociated STAs must also be accounted for.  In addition, a check box for the “No” alternative should be added in the Support column.  Please see the suggested changes below tagged by #1376 |
| 1374 | B.4.37 | 70 | All these requirements are based on being CFAP OR CFSTAofAP but a STA is not required to be associated to an AP for EBCS | Use a more generic CF that will also cover unassociated STAs | Revised. This comment is resolved by the changes in CID 1376.  Please see the suggested changes below tagged by #1374 |

Change the table in B.4.3 as follows:

**B.4.3 IUT configuration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **IUT configuration** | **References** | **Status** | **Support** |
| \* CFEBCS | Enhanced Broadcast Services | 11.55 | (#1374, #1376) CFAP OR CFSTAofAP OR CFIndepSTA:O | Yes □ No (#1374, #1376) □ |
| (#1161) \*CFSTARXOnly | Enhanced Broadcast Services Receive only | 11.55.2 | O | Yes □ No □ |

Change the table in B.4.37 as follows:

**B.4.37 Enhanced Broadcast Services (EBCS) features**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Protocol capability | Reference | Status | Support |
| \* EBCS1 | EBCS Downlink Procedure | 11.55.2 (EBCS DL  procedures) | (#1374, #1376) CFEBCS: O.1  (#1161) CFSTARXOnly: M | Yes □ No □ N/A □ |
| EBCS1.1 | EBCS Info frame | 9.6.7.1.bc2  EBCS Info frame format | EBCS1: M | Yes □ No □ N/A □ |
| \* EBCS2 | EBCS Uplink Procedure | 11.55.3 (EBCS UL  Service) | (#1374, #1376) CFEBCS: O.1 | Yes □ No □ N/A □ |
| EBCS2.1 | EBCS UL frame | 9.6.7.1.bc1 EBCS UL  frame format | EBCS2: M | Yes □ No □ N/A □ |
| \* EBCS3 | EBCS frame authentication | 12.13 (Frame authentication for EBCS) | (#1374, #1376) CFEBCS: M | Yes □ No □ N/A □ |
| \* EBCS3.1 | PKFA | 12.13.2  EBCS public key frame authentication  (PKFA) | EBCS1 AND  EBCS3: O.2 EBCS2 AND EBCS3: O.3 | Yes □ No □ N/A □ |
| EBCS3.1.1 | PKFA MPDU | 12.13.2.3  PKFA MPDU  format) | EBCS3.1: M | Yes □ No □ N/A □ |
| \* EBCS3.2 | HCFA | 12.13.3  EBCS hash chain frame  authentication (HCFA) | EBCS1 AND EBCS3: O.2 | Yes □ No □ N/A □ |
| EBCS3.2.1 | HCFA MPDU | 12.13.3.3  HCFA MPDU  generation | EBCS3.2: M | Yes □ No □ N/A □ |
| EBCS3.3 | HLSA | 12.13.4 (No frame authentication with mandatory higher layer source authentication  (HLSA) | EBCS1 AND EBCS3: O.2 EBCS2 AND EBCS3: O.3 | Yes □ No □ N/A □ |
| \* EBCS4 | EBCS Request and Response Procedure | 11.55.4  EBCS  Negotiation Procedure for  Associated STAs | CFAP AND CFEBCS: M CFSTAofAP AND EBCS1: M | Yes □ No □ N/A □ |
| EBCS4.1 | EBCS Request frame | 9.6.31.2  EBCS  Request Frame format | EBCS4: M | Yes □ No □ N/A □ |
| EBCS4.2 | EBCS Response frame | 9.6.31.3  EBCS  Response Frame format | EBCS4: M | Yes □ No □ N/A □ |
| \* EBCS5 | EBCS Termination Notice Procedure | 11.55.5  EBCS  Termination Notice  Procedure | (#1374, #1376) CFAP AND CFEBCS: O (CFSTAofAP OR CFIndepSTA) AND EBCS1:  M | Yes □ No □ N/A □ |
| EBCS5.1 | EBCS Termination Notice frame | 9.6.7.1.bc3 EBCS  Termination Notice frame  format | EBCS5: M | Yes □ No □ N/A □ |
| EBCS6 | ANQP EBCS Procedure | 11.22.3.3.100  Enhanced Broadcast Services  procedures | (#1374, #1376) CFAP AND CFEBCS: M (CFSTAofAP OR CFIndepSTA) AND  CFEBCS: O | Yes □ No □ N/A □ |
| EBCS7 | Transmission Rate Control for EBCS | 10.6.5.3 Rate selection for EBCS frames | (#1374, #1376) (CFAP AND EBCS1) OR (CFSTAofAP OR CFIndepSTA) AND  EBCS2): M | Yes □ No □ N/A □ |