IEEE P802.11
Wireless LANs

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| Proposed Resolution: LB268 CID 4032 |
| Date: 2022-09-01 |
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Abstract

This document proposes a resolution for CID 4032.

The proposed resolution shown below use Draft 4.0 as a basis.

Revisions:

- Rev 0: Initial version of the document.

- Rev 1: Revised based on interactions off-line and during the meeting.

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| **CID** | **Clause** | **Page/****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 4032 | 11.55.2 | 80.26 | The text says that the octext xx, yy, and xx must be unique for EBCS UL traffic, but provides no mechanism by which independently operating non-AP STAs can ensure that they generate values not used by any other non-AP STA | Define a mechansim by which non-AP STAs can specify or obtain unique values or change language to remove the "must" to indicate that non-AP STAs should endeavor to generate unique values. | Comment highlights an inconsistency in descriptions of destination-based filtering that leads to a lack of clarity. Proposed changes resolve the inconsistency and clarify the related provisioning behavior.**Editor: Please reflect the changes to Clauses 4.3.31.3.2 and 11.55.2 found in document 802.11-22-1447r1.** |

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**\*\*\*\* Editor: Please update the following Clauses as shown below: \*\*\*\***

**4.3.31.3.2 EBCS proxy operation**

…

For example, an AP vendor (or an operator), that has one or more APs deployed at a certain venue (such as an airport or a hotel) can establish a business relationship with one or more cloud providers (such as the one that specializes in baggage tracking or logging of sensor data). The AP vendor (or the operator) can configure (default) rules at an EBCS proxy (which is affiliated with the APs at the venue) for providing the relaying service while additional (destination specific) rules are setup based on the service agreement with the cloud provider. Based on these rules an EBCS proxy determines whether to relay the HLP carried in an EBCS UL frame that it receives. For example, if it receives an EBCS UL frame [4032]with a destination that is not part of any agreement, then based on local policies, it will not relay the HLP carried in the frame. Similarly, if the authentication of the EBCS UL frame fails, then based on the relationship with the entity at the specified destination, it will not relay the HLP carried in the frame.

**11.55.2 EBCS addressing**

…

[4032]For EBCS UL frames,

— octets xx, yy and zz are populated by the EBCS non-AP STA to a set of provisioned values that corresponds to the UL traffic stream.

NOTE—Although the octets xx and yy for EBCS DL traffic are expected to be set to a combination of values that are unique to the coverage area where the content is being broadcast, the uniqueness of the octets xx and yy is not guaranteed. It is recommended that the octets xx, yy, and zz for EBCS UL traffic be provisioned in EBCS non-AP STAs to values that are unique for each UL traffic stream. EBCS UL and EBCS Data frames can be differentiated because the EBCS UL frame is a management frame while the EBCS Data frame is a Data frame.