IEEE P802.11
Wireless LANs

|  |
| --- |
| 11bh D0.2 CR for device ID generated by the network |
| Date: 2022-08-6 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jay Yang | Nokia |  |  |  |
| Okan | Nokia |  |  |  |

Abstract

This submission proposes resolutions for the following CIDs:

1, 3,14,60

Revisions:

* Rev 0: Initial version of the document.
* Rev 1-2: update the comment resolution.
* Rev 4: update according to the comments in reflactor with red background.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbh D0.2 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbh D0.2 Draft. (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbh Editor: Editing instructions preceded by “TGbh Editor” are instructions to the TGbh editor to modify existing material in the TGbh draft. As a result of adopting the changes, the TGbh editor will execute the instructions rather than copy them to the TGbh Draft.***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Comment** | **Proposed Change** | **Resolution** |
| 1 | Jay Yang | The ID Blob field contains an opaque identifier from an AP in the ESS.need to consider the single AP case. | The ID Blob field contains an opaque identifier from the associated AP in the BSS or an AP in ESS. | Revised---Such element may be carried in association request and response frame in FILS mode. TGbh editor: Just remove "from an AP in the ESS" |
| 3 | Jay Yang | "When using FILS authentication, the non-AP STA sends the identifier", need to clarify the identifier here,like the latest one received from BSS or ESS. | as the comments | Revised--Agree with the commenter in principle.TGbh editor: to make the changes shown in 11-22/1082r4 under ”proposed text”,and also breaking the whole paragrah into four paragraphs (the first sentence, FILS, FT, and "other cases"). |
| 14 | Antonio DeLaOlivaDelgado | Text is saying the ID Blob field is an opaque identifier from an AP in the ESS.In case the Device ID is sent from an STA, it should not say it is from an AP. | Just remove "from an AP in the ESS" | Accepted. |
| 60 | Robert Stacey | The purpose and meaning of "from an AP in the ESS" is not clear and "the ESS" has no precedent (which ESS?) | Delete "from an AP in the ESS" | Accepted. |

**Discussion:**

 As the group agrees the device ID is generated by the network, it’s essential to say the device ID from the network in the SPEC.

# Proposed text(Proposed text modifications are based on Draft 11bh 0.2)

TGbh editor: Modify the subclause 12.2.11 Device ID indication as follows:

**12.2.11 Device ID indication**

When the non-AP STA joins an ESS it may send the identifier most recently received from an AP in the ESS to the AP with which it is associating.

When using FILS authentication, the non-AP STA sends the identifier, if it has one and opts-in to

using it, in the Association Request frame and the AP sends a new identifier in the Association

Response frame.

When using FT, the non-AP STA sends the identifier, if it has one and opts-in to

using it, during the initial mobility domain association the EAPOL-Key message 2/4 and the AP

sends a new identifier in the EAPOL-Key message 3/4; the identifier or a new identifier are not

exchanged during the FT protocol reassociations within the same ESS.

For other cases, the non-APSTA sends the identifier, if it has one and opts-in to using it, during the initial 4-way handshake in the

EAPOL-Key message 2/4 and the AP sends a new identifier in the EAPOL-Key message 3/4.