IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CID 6578 Comment Resolution | | | | |
| Date: 2023-11-03 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Stephen McCann | Huawei Technologies Co., Ltd | Southampton, UK |  | [stephen.mccann@ieee.org](mailto:stephen.mccann@ieee.org) |

Abstract

This submission proposes a comment resolution to CID 6578 from REVme SA Ballot #1.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6578 | 5414.49 | C.3 | Why is dot11APCivicLocation a Table? Can a given AP have multiple locations? Which one is provided in ANQP exchanges? (Same thing for dot11APLCI.) | Remove the "Table" concepts for dot11APCivicLocation and dot11APLCI, and change the "Entry" SEQUENCES to be the primary definition for each. Remove "Table" in references to these MIB attributes in the body text. |

Discussion

The civic location report should be multiple, as an AP can have multiple civic locations, in other words postal addresses.

Regarding the ANQP exchange (9.4.5.13 AP Civic Location ANQP-element):

**9.4.5.13 AP Civic Location ANQP-element**

“The Location Civic Report field is a variable length field and the format is provided in 9.4.2.20.13 (Location Civic report). This information is taken from dot11APCivicLocationTable. The Colocated BSSID List subelement is present when there is at least one other BSS that is colocated within the same physical device as the reporting BSS and the Colocated BSSID List subelement is not present in the Geospatial Location ANQP-element; this subelement is not present otherwise.”

One entry is taken from the dot11APCivicLocationTable and used in the ANQP response.

Resolution

Rejected. dot11APCivicLocation is a table as an AP may have multiple civic locations. In the case of multiple civic locations, one is provided within the ANQP response. dot11APLCI is a table of AP geospatial locations and again it is possible to have multiple locations.