**IEEE P802.11
Wireless LANs**

|  |
| --- |
| CC50 CR for MIB |
| **Date**: Mar. 24, 2025.  |
| **Author(s):** |
| **Name** | **Affiliation** | **Address** | **Phone** | **email** |
| Yan Li | ZTE |  |  | li.yan16@zte.com.cn |
| Jay Yang |  |  |  |
| Yun Li |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

 **Abstract**

This submission proposes resolutions for following 13 CIDs received for TGbn CC50:

362, 363, 396, 2938, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019

**Revisions:**

Rev 0: Initial version of the document.

***TGbn editor: The baseline for this document is P802.11bn D0.2 and P802.11REVmeD7.0***

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 TGbn Draft. This introduction is not part of the adopted material.

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Pg/Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 362 | C.3 | 238.17 | Typo? Should "Dot11EHTStationConfigEntry" be "Dot11UHRStationConfigEntry" | See comment | Revised.Change "Dot11EHTStationConfigEntry" to "Dot11UHRStationConfigEntry"TGbn editor, please make the changes tagged by CID #362 in 25/852r0. |
| 363 | C.3 | 239.20 | Typo? Should "Dot11EHTStationConfigEntry" be "Dot11UHRStationConfigEntry" | See comment | Revised.Change "Dot11EHTStationConfigEntry" to "Dot11UHRStationConfigEntry"TGbn editor, please make the changes tagged by CID #363 in 25/852r0. |
| 396 | C.3 | 237.30 | The value 49 for dot11smt has been allocated for TGbf (dot11SENSStationConfigTable). Since the values are managed in ANA database, we should use placeholder <ANA> for now.BTW, dot11EBSCTrafficStreamTable is typo. | Replace { dot11smt 49 } with { dot11smt <ANA> } at P237L30 and L48.Replace dot11EBSCTrafficStreamTable with dot11EBCSTrafficStreamTable at 237L29. | Accepted. |
| 2938 | C.3 | 0.00 | "dot11UHROptionImplemented" -- shouldn't that be ...Activated? | As it says in the comment | Rejected.UHR capability shall be a static capability instead of a dynamic one, therefore it should be defined as xxx-implemented rather than xxx-activated,according to the guideline of MIB in 11-18/52r2  |
| 3011 | C.3 | 237.45 | "Station Configuration" case looks suspect | As it says in the comment | Revised.Change "Station Configuration" to "Station configuration"TGbn editor, please make the changes tagged by CID #3011 in 25/852r0. |
| 3012 | C.3 | 237.63 | No trailing comma at end of list. Ditto 238.34 | As it says in the comment | Accepted. |
| 3013 | C.3 | 238.0 | Either "insert the following" or underline, but not both | As it says in the comment | Revised.TGbn editor, please remove the underline after "insert the following"  |
| 3014 | C.3 | 238.11 | "UHR capable" should have a hyphen | As it says in the comment | Accepted. |
| 3015 | C.3 | 238.21 | "Table" case suspect | As it says in the comment | Revised.Replace ‘Table’ with ‘table’TGbn editor, please make the changes tagged by CID #3015 in 25/852r0. |
| 3016 | C.3 | 238.46 | "CoRTWT" needs at least one hyphen | As it says in the comment | Accepted. |
| 3017 | C.3 | 237.47 | Don't MIB node numbers need to be assigned by ANA? | As it says in the comment | Revised.The change has been implemented as the similar comment, CID #396.TGbn editor, please make the changes tagged by CID #396 in 25/852r0. |
| 3018 | C.3 | 239.15 | Too many double quotes | As it says in the comment | Revised.Delete additional quoteTGbn editor, please make the changes tagged by CID #3018 in 25/852r0. |
| 3019 | C.3 | 238.17 | "dot11UHRBSRimplemented" -- the other MIB attributes don't have UHR | Change to "dot11EnhancedBSRimplemented" | Rejected.There is no rule for prohibiting the usage of ‘UHR’, for instance, ‘*EHTEMLSROptionImplemented*’ in 11be spec. Currently the MIB has been changed to ‘dot11UHREBSRImplemented’, according to 11-25/513r4  |

**Proposed Texts:**

***TGbn editor, please insert the following changes in Annex C.3 :***

**C.3 MIB Detail**

**Change the comment list following the dot11smt definition (not all lines shown) as follows:**

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- \* Major sections

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- Station ManagemenT (SMT) Attributes

 -- DEFINED AS "The SMT object class provides the necessary support

 -- at the station to manage the processes in the station such that

 -- the station may work cooperatively as a part of an IEEE 802.11

 -- network."

dot11smt OBJECT IDENTIFIER ::= { ieee802dot11 1 }

-- dot11smt GROUPS

-- ...

-- dot11EBCSTrafficStreamTable ::= ( dot11smt 48 )

-- dot11UHRSTAConfigTable ::= ( dot11smt ANA )(#396)

**Insert the following after the** **dot11STACivicLocationConfig TABLE:**

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- \* dot11UHRStationConfig TABLE

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

dot11UHRStationConfigTable OBJECT-TYPE

SYNTAX SEQUENCE OF Dot11UHRStationConfigEntry

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"Station configuration attributes. In tabular form to allow for multiple(#3011)

instances on an agent."

::= { dot11smt ANA }(#396)

**Change Dot11StationConfigEntry (not all lines shown) as follows:**

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- \* dot11StationConfig TABLE

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Dot11StationConfigEntry ::= SEQUENCE

{

dot11StationID MacAddress,

…

dot11UHROptionImplemented TruthValue(#3012)

}

Insert the following:

dot11UHROptionImplemented OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This is a capability variable.

Its value is determined by device capabilities.

This attribute indicates whether the entity is UHR-capable."(#3014)

::= { dot11StationConfigEntry ANA }

dot11UHRStationConfigEntry OBJECT-TYPE

SYNTAX Dot11UHRStationConfigEntry(#362)

MAX-ACCESS not-accessible

STATUS current

DESCRIPTION

"An entry (conceptual row) in the dot11UHRStationConfig table.(#3015)

ifIndex - Each IEEE 802.11 interface is represented by an ifEntry. Interface tables in this MIB module are indexed by ifIndex."

INDEX { ifIndex }

::= { dot11UHRStationConfigTable 1 }

Dot11UHRStationConfigEntry ::=

SEQUENCE {

dot11CoRTWTOptionImplemented TruthValue,

dot11NPCAOptionImplemented TruthValue,

dot11DUOOptionImplemented TruthValue,

dot11UHRBSROptionImplemented TruthValue(#3012)

}

dot11CoRTWTOptionImplemented OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

"This is a capability variable.

Its value is determined by device capabilities.

This attribute, when true, indicates that the STA implementation is capable of supporting (#3016)Co-RTWT operation.”

::= { dot11UHRStationConfigEntry 1 }

...

dot11UHRBSRimplemented OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-only

STATUS current

DESCRIPTION

(#3018)"This is a capability variable.

Its value is determined by device capabilities.

This attribute, when true, indicates that the STA implementation is capable of BSR enhancement operation."

::= { dot11EHTStationConfigEntry 4 }

}