IEEE P802.11
Wireless LANs

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| CC36-Resolution-for-NSEP-in-Clauses 3.1 and 3.4 |
| Date: 2021-10-19 |
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Abstract

This submission proposes resolutions for 12 CIDs: 5284, 6155, 4091, 7675, 4804, 7483, 6156, 5652, 6117, 4172, 6119, 7526 (CC36).

Revisions:

* Rev 0: Initial version of the document.

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

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

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

| **CID** | **Commenter** | **Clause** | **Page/Line** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- | --- |
| 5284 | James Yee | 3.1 | 37.09 | The "National" in NSEP is not a suitable label for this feature. Firstly, 802.11 is an international standard and this feature is not limited to national jurisdictions and Secondly, although the authors of this feature may have intended to only enable a particular service, it is better to not limit the name of a technical feature to a particular service. Propose to change "National Security and Emergency Preparedness" to a more generic and accurately descriptive name. | Change "National Security and Emergency Preparedness" to "Priority On-Demand Access" or PODA or some other generic and functionally descriptive name. | **Rejected** The name suggests the degree to which access to the feature should be limited, to avoid providing priority to too many devices at the same time. This is not true of the proposed alternatives. Note also that the word “national” does not refer to any specific nation or state. |
| 6155 | Michael Montemurro | 3.1 | 37.09 | The definition could be improved. This term describes access, not traffic. | Replace "On-demand capability that provides higher priority to traffic generated by authorized non-access point (AP) stations(STA) and to ﾠtraffic destined for authorized non-AP STAs."with"An on-demand capability that allows an access point (AP) to authorize a non-access point (AP) stations (STA) to communicate National Security and Emergency Preparedness (NSEP) traffic." | **Revised**Definition was modified in response to CC34 comments (see document 510r3.) No further changes are required.  |
| 4091 | Abhishek Patil | 3.1 | 37.10 | Since the definition is specific to a certain procedure, provide reference to clause 35.11. Same comment for the next definition. | Append "as defined in 35.11" at the end of both the definitions. | **Revised**Adjusted reference to latest clause numberEditor: Please reflect the changes in Clause 3.1 labelled as #4091 |
| 7675 | Xiaofei Wang | 3.1 | 37.10 | the definitions of NSEP priority access and NSEP traffic are mixed together. NSEP priority access is defined using NSEP traffic while NSEP traffic is defined using NSEP priority access.Better definitions are needed to separate the two. | rewrite one or both definitions to ensure there is no circular definitions. | **Revised**Agree in principle. Definitions were modified in response to CC34 comments (see document 510r3.) No further changes are required.  |
| 4804 | Dibakar Das | 3.1 | 37.14 | Where is the NSEP priority access enabled ? | Change to "the NSEP priority access is enabled for that non-AP STA" | **Revised**Revised the definition languageEditor: Please reflect the changes in Clause 3.1 labelled as #4804 |
| 7483 | Tomoko Adachi | 3.1 | 37.14 | To align the level with the NSEP priority access definition, a modifier "authorized" should be added to non-AP STAs. | Change it to "The traffic generated by an authorized non-access point (AP) station (STA) or traffic destined for an authorized non-AP STA when ...". | **Revised**Revised the definition languageEditor: Please reflect the changes in Clause 3.1 labelled as #7483 |
| 6156 | Michael Montemurro | 3.1 | 37.16 | Change enabled to authorized | Change "enabled" to "authorized" | **Revised**Definition was modified in response to CC34 comments (see document 510r3.) No further changes are required.  |
| 5652 | Joseph Levy | 3.4 | 43.35 | AN is only used in two location in Annex R - therefore there is really no reason it should be listed as an abbreviation of acronym. | Delete AN as an abbreviation and spell out access network in the two location in Annex R. | **Accepted** |
| 6117 | Mark Hamilton | C.3 | 592.53 | A MIB attribute set by an external entity cannot be read-only. | Change dot11EHTNSETPPriorityAccessActivated to be read-write | **Accepted** |
| 4172 | Alfred Asterhadhi | 35.11.1 | 305.20 | I could not find this MIB variable: ot11NonAPStationAuthNSEPPriorityAccesstype. Please add it in Annex C. Ensure that all other MIBs related to NSEP are appropriately added in Annex C. | As in comment. | **Revised**Resolved in conjunction with CID 6119.Revised name of MIB variable to *dot11NSEPPriorityAccessAuthorized* and corrected MIB entry to matchEditor: Please change “dot11NonAPStationAuthNSEPPriorityAccesstype” to “dot11NSEPPriorityAccessAuthorized” in clauses 35.14.1 and R.4.2.14. Also, please reflect the changes in Clause C.3 labelled #4172 |
| 6119 | Mark Hamilton | C.3 | 608.59 | By convention, this MIB attribute should end in "Activated". | Change "dot11NonAPStationAuthNSEPPriorityAccess" to "dot11NonAPStationAuthNSEPPriorityAccessActivated" (or something equivalent, but shorter). | **Revised**Resolved in conjunction with CID 4172. |
| 7526 | Tomoko Adachi | C.3 | 608.65 | "... after the AP receives the permissions for the non-AP STA from the SSPN interface." Why is "permission" in plural? And the permission should be for NSEP priority access. | Change it to read "... after the AP receives permission for the non-AP STA to use the NSEP priority access from the SSPN interface." | **Accepted** |

*TGbe editor: Please note baseline is 11be D1.2*

# Definitions

## Insert the following definitions (maintaining alphabetical order):

**(#2257)(#3345)(#1721)National Security and Emergency Preparedness (NSEP) priority access:** An on-demand capability that allows access point (AP) multi-link devices (MLDs) to authorize non-access point (non-AP) MLDs to communicate NSEP traffic with a higher priority, as described in 35.14 (NSEP priority access)[#4091].

**(#2258)(#1721)National Security and Emergency Preparedness (NSEP) traffic:** The traffic generated by an authorized non-access point (AP) multi-link device (MLD) or traffic destined for an authorized non-AP MLD when the NSEP priority access is authorized and enabled for that authorized non-AP MLD [#4804, #7483].

**C.3 MIB Detail**

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

-- \* dot11Interworking TABLE

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

Dot11InterworkingEntry ::=

SEQUENCE {

dot11NonAPStationMacAddress MacAddress,

…

dot11NonAPStationAddtsResultCode INTEGER

dot11NSEPPriorityAccessAuthorized [#4172] TruthValue}

Insert the following after dot11NonAPStationAddtsResultCode:

dot11NSEPPriorityAccessAuthorized [#4172] OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

"This is a control variable.

It is written by the SME after the AP receives the permissions for the non-AP STA from the SSPN interface.

This attribute, when true, indicates that the non-AP STA is permitted to invoke and use the NSEP priority access capability. If this capability is false, the non-AP STA is not permitted to invoke and use the NSEP priority access capability."

DEFVAL { false }

::= { dot11InterworkingEntry <Last assigned + 1> }

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

-- \* End of dot11Interworking TABLE

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

Straw Poll:

Do you support incorporating the proposed draft text in this document (11-21/XXXXr0) into the next revision of TGbe to address the following CIDs: 5284, 6155, 4091, 7675, 4804, 7483, 6156, 5652 6117, 4172, 6119, 7526?

Result: Yes/No/Abstain