

Comments from 802.16 WG on Draft Emergency Services PAR

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None

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Review the 802 Emergency Services PAR and 5C

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Comments from 802.16 WG on Draft Emergency Services PAR

1. General: Its not clear why this project needs to be done separately from the IEEE 802 PHY/MAC projects. For example, location determination is very media specific. 
2. Section 5.2 (“Scope”) refers to “packet data communications” but 2.1 (“Title”) refers more specifically to “Internet Protocol (IP)” based communications. This needs to be made consistent. 

PAR Comments

Its not possible to implement the following the statement in this project without compliant modifications to other 802 MAC/PHY projects:

“This standard defines a mechanism that supports compliance within IEEE 802 to applicable civil authority requirements for citizen-to-authority emergency services packet data communications.”

A remedy would be change this to:


- “This standard defines a media independent framework (mechanism) within IEEE 802 that facilitates (supports) compliance (~~within IEEE 802~~) to applicable civil authority requirements for IP based citizen-to-authority emergency services (~~packet data communications~~).” 

PAR Comments


- In Section 5.2 (“Scope”), the following sentence does not belong to the scope but rather in the Need section 5.5 “*Specifically, it supports the need for consistent data that is required for citizen-to-authority emergency services packet data encoded session initiation requests.*”

This sentence does not contribute to scoping the problem. The Scope remains vague.


PAR Comments

- Section 5.4 (“Purpose”) contains the following statements that are more related to the scope than purpose: 


“This standard intends to encompass voice, data and multi-media requests across IEEE 802 using a new Layer 2 entity and associated behaviors and provide a uniform Structure of Management Information (SMI) for transferring required data for emergency services requests.”

Also its not clear if the applicable civil authority requirements specify the need for supporting multi-media requests. 

PAR Comments

- Section 5.5 (“Need”) refers to VoIP, but the Scope section is much broader and refers to any packet data communication. 

PAR Comments

- Section 8.1 (“Additional Explanatory Notes”) does not call out the specific items for which notes are being provided.
- This section includes a statement of need that is not well motivated: “*There is a need for such calls to be handled uniformly at the interface between the 802 Layer 2 network and the Internet.*” 

PAR Comments

- Section 7.2 b states that this project will be developed jointly with IETF ECRIT Working Group. We see no evidence of documented agreement with ECRIT regarding any co-ordinated activity.



5C Comments

- In the Section 3 (“Distinct Identity”), the 5C makes the following statements:

“Existing IEEE 802 standards provide some of the individual capabilities required to meet emergency services functionality (e.g. location, connection integrity). However, current implementations are inconsistent and do not provide all of the expected capabilities.”



Since the expected capabilities supported by this PAR are not defined, claiming inconsistency is not accurate and therefore distinct identity is not clear.

5C Comments

- In Section 4 (“Technical Feasibility”), the following statement is made:

“This project would reuse and harmonize existing IEEE 802 functionality and utilize extensions to existing and proven IEEE 802 functionality to provide full and consistent implementation of citizen to-authority emergency services capabilities.”

The mechanism to harmonize IEEE 802 functionality in a separate standard is not clear. 