**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **TG9 KMP Conference Call Notes for February 17, 2015** |
| Date Submitted | 17th February 2015  |
| Source | [][NSA/IAD] | Voice: [+1-415-215-7733]Fax: []E-mail: [ peter@akayla.com] |
| Re: | TG9 KMP Notes for February 17, 2015 conference call |
| Abstract | TG9 KMP Notes for February 17, 2015 conference call |
| Purpose | Call Notes |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. |

Don Sturek indicated that his fragmentation requirements are met by Tero Kivinen’s proposal, although Kivinen’s text is probably not quite ready for submission to the editor for direct insertion into the draft. We need to decide how the protocol ID is handled; the Ethertypes registry doesn’t seem to be quite the right registry because of the Ethertype size (3 octets total, with 2 octets registered and 1 octet as an indicator of some type). If not the Ethertype registry then a suitable registry needs to be identified or created. Kivinen will try to get the updated text into the draft next week when he is back in the office. He feels that Ethertype is probably acceptable. The actual Ethertype is two octets and we might have a use for an additional octet of as a subtype.

Aside from determining the actual 16-bit value for the fragmentation, Kivinen should be able to move the new text forward.

Annexes: some annexes need to be updated to fit in the current framework laid out in the core of the draft. These annexes need a message flow to show how their packets are moved and the states that are used. Also, they need to show how those messages relate to KMP-START and KMP-FINISH. Peter Yee will contact the authors of the annexes that haven’t been discussed recently.

Some outstanding questions: What does the KMP-CREATE really do? What does the indication signal has been done? What knowledge of the state of keys do these functions have? Brian Weis leans toward saying that KMP-CREATE.indication will return a single key, based on the type requested.

Another thing: Mapping to 802.15.4-2015 auxiliary header fields for use with KMP. Kivinen to work on this. Mostly, this will be handled by the upper layer protocol that is processing the protocol ID. 802.15.9 will give guidance in this regard.

Don Sturek has one CID assigned to him that he believes is outstanding. He’ll check on this and send information to Yee on its status.

Yee will follow up with Kivinen to make sure that a new draft of the document is available for the Berlin meeting. He will send a note to the mailing list with an update on the status prior to the meeting.