
Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: IG SEC Closing Report for July 2014 Session

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Re: IG SEC Closing Report for July 2014 Session

Abstract: IG SEC Closing Report for July 2014 Session

Purpose:

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IG SEC Closing Report

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San Diego, CA, USA

July 17, 2014

Meeting Goals

- IG SEC
 - Monday 14 July, PM2
 - Go through Outbound and Inbound state machine presentations
 - Frame counter discussion, and talk about the way forward.
 - Wednesday 16 July, PM2
 - Continue discussing about the way forward.

Monday 14 July PM2

- Opening slides
- Approved minutes
- Outbound State machine changes
 - Document 15-14-0342
- Inbound State machine changes
 - Document 15-14-0356
- Discussion about the changes needed

Way forward

- In the discussion we decided that the actual text changes are going to be quite small
 - They were submitted as comments to the P802.15.4-REVB-DF1 draft.
 - Will be processed by the SC-Maintenance

Comments

- In section 8.2.1 (page 337, lines 50-54 and page 338, lines 1-2):
 - Change the order of steps d) and e) in the section 8.2.1 to allow the macFrameCounter to be per key.
- In section 8.4.2 (page 348, lines 27-33):
 - Text needs to be updated to say that only that key which gets to max value needs to be updated.
- In table 157 (section 8.5, page 349, lines 33-47):
 - move the macFrameCounter from this table to the KeyDescriptor table 158.
- In table 157 (section 8.5, page 349, lines 27-29):
 - Remove the macDeviceTable, as it is not referenced at all from the text, only reference to it is in the DeviceDescriptorHandleList of the KeyDescriptor table.
- In table 158 (section 8.5, page 350, lines 40-43):
 - Change the DeviceDescriptorHandleList to just say that it is "A list of DeviceDescriptor entries for each of the devices that are currently using this key."
- In table 161 (section 8.5, page 352, line 15):
 - Change description to say "The incoming frame counter." The frame counter should be per device per key, not per device.
- Most likely we need to add some text somewhere telling how the frame counters are per key, which is compatible with old way if only one key is used.

Teleconferences

- Not having teleconferences.