IEEE P802.11  
Wireless LANs

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| Minutes of IEEE 802 JTC1 Standing Committee in San Antonio, USA in Nov 2016 | | |
| Date: 20161206 | | |
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Abstract

Minutes of IEEE 802 JTC1 Standing Commitee sessions at the IEEE 802 wireless plenary session in San Antonio, USA in November 2016

# Minutes of Meeting on Tue, 13 September 2016

### Convened

* The meeting was convened at 1:31 p.m. by Chair Andrew Myles (Cisco).

### Agenda

* The SC agenda is found in 11-16/1299r02, which was updated during the course of the meeting to 11-16/1299r03.
* The agenda was accepted without modification

### Minutes

* The minutes (11-16/1321r00) from the Warsaw meeting were approved unanimously

### Goals

* The goals of the SC remain the same (see slide 11 in the agenda)

### Documents to SC6

* To date, all IEEE 802 working groups except IEEE 802.16 and IEEE 802.21 have been liaising documents to ISO/IEC JTC1/SC6, although IEEE 802.21 is expected to start doing so soonish.

### PSDO status

* Status on PDSO process can be found at the IEEE Central Desktop
* So far, 22 IEEE 802 standards have been ratified by JTC1/SC6.

### 802.1 status

* IEEE 802.1 saw 5-month FDIS ballots for IEEE 802.1BA and IEEE 802.1BR close in August.
* The start of FDIS ballots for IEEE 801.Qbv-2015, IEEE 802.1AB-2016, and IEEE 802.1Qca-2015 is pending.
* IEEE 802.1Qcd-2015 passed its 60-day pre-ballot last month
  + Karen Randall (Randall Consulting) of IEEE 802.1 has prepared an initial cut at the usual response to the usual ballot comment from the China National Body (NB).
  + Revisions to this response based on discussion with the SC will be carried back to IEEE 802.1 for agreement and then submittal to JTC1/SC6.
* Karen Randall will check whether IEEE 802.1Qbu should be sent to JTC1/SC6 for a 60-day pre-ballot, given that IEEE 802.3br is also ready to go.
* IEEE 802.1Qbz should be ready to enter the pre-ballot process as well.
* IEEE 802.1AC-Rev will be ready to enter its pre-ballot, once the Sponsor Ballot is completed.
  + There is an Ethertype allocation issue that has stalled moving IEEE 802.1AC-Rev forward.
* IEEE 802d has been submitted in liaison under the PSDO.
  + Once its Sponsor Ballot closes, it will be submitted for 60-day pre-ballot.
* IEEE 802.1AEcg should be ready to move on to a pre-ballot soon.
* IEEE 802.1 will authorize this week the initial sending of IEEE 802.1Qch for information purposes.

### 802.3 status

* IEEE 802.3-2015 will see its 5-month FDIS ballot close in December.
  + Jodi Haasz (IEEE Staff, remotely) indicated that the ballot was supposed to start in September, but there’s no evidence that this has occurred.
  + The FDIS ballot now won’t close until March next year at the earliest.
* IEEE 802.3bw passed its 60-day pre-ballot with only a single ‘no’ vote from the China NB noting a lack of security mechanism.
  + They also inquired why IEEE 802.3 had changed its mind about not submitting documents in the IEEE 802.3 series.
  + A response will be generated to explain the change of heart. I
* EEE 802.3bp, IEEE 802.3bq, and IEEE 802.3by are all awaiting the start of their 60-day pre-ballots.
* IEEE 802.3bn has completed its Sponsor Ballot.
  + IEEE 802.3 will probably authorize its submission to a 60-day pre-ballot during the January interim meeting.
* IEEE 802.3br has been published and a motion will be made during this meeting to authorize its submission for a 60-day pre-ballot.
* IEEE 802.3bz is in a similar situation to IEEE 802.3br.

### 802.11 status

* IEEE 802.11-2016 D8.0 was sent in liaison last month.
  + Seeing as it’s now being published, it will be submitted for formal ratification early next year.
  + While it could be submitted for the 60-day pre-ballot with closure of the last, clean recirculation Sponsor Ballot, that would not give JTC1/SC6 sufficient time to become familiar with its contents.
* Drafts of IEEE 802.11ah and IEEE 802.11ai were sent is liaison in September.
  + The next step for both will be 60-day pre-ballots, once authorized by the IEEE 802.11 WG.

### 802.15 status

* IEEE 802.15.3-2016 passed its 60-day pre-ballot without receiving any negative votes.
  + Some comments were received and IEEE 802.15 is working on generating responses.
  + One of the draft responses mentions IEEE 802.1X, so this will likely generate more discussion between the two organizations since that will trigger negative Chinese NB input.
* IEEE 802.15.6 will complete its 60-day pre-ballot on November 23rd (although there seems to be a question if this is the correct date).
* IEEE 802.15.4 has not yet started its 60-day pre-ballot.
  + Bob Heile has apparently requested Jonathan Goldberg (IEEE Staff) to assist in liaising IEEE 802.15.4 with suitable watermarks.
  + his doesn’t seem to have occurred yet, although it was originally expected back in April.

### 802.21 status

* IEEE 802.21-rev and IEEE 802.21.1 are both ready to send to Jonathan Goldberg for initial liaison to JTC1/SC6.
* Subir Das indicates that he will try to get them out within a week.
* They’ll probably start 60-day pre-ballots in January or March at the latest.

### 802.22 status

* IEEE 802.22a and IEEE 802.22b await their FDIS ballots.
* Apurva Mody (IEEE 802.22 chair, BAE Systems) will ensure that the comment responses for the 60-day pre-ballot comments have been sent to JTC1/SC6.
* After that, the FDIS ballots can be initiated by contacting Jodi Haasz.

### Security

* The China NB’s continued comments against the security of IEEE 802.1X and standards that reference IEEE 802.1X are perceived as possibly being corrosive to the ratification of IEEE 802 standards in JTC1/SC6 – increasing number of abstentions by various national bodies has been noted, although there may be other reasons for this.
* The state of affairs is that the China NB repeatedly submits comments indicating they believe IEEE 802.1X to be flawed.
* IEEE 802 WGs sends comment responses asking the China NB to substantiate this claim, but such substantiation never occurs.
* Some possible actions that IEEE 802 could consider to get beyond this impasse include:
  + 1) do nothing (after all, IEEE 802 standards are being ratified);
  + 2) reach out directly to the China NB for clarification;
  + 3) reach out to SC6 to see if they can facilitate a dialog with the China NB and the rest of SC6.
* During the Geneva meeting (July 2013), an attempt was made to have a face-to-face dialog with a Swiss representative on behalf of the China NB, but no technical response was ever received that demonstrated the security claim against IEEE 802.1X.
* John Messenger (ADVA Optical Networking) suggested that reaching out to the other national bodies to see what was behind the abstentions.
  + IEEE 802 would also explain the value of participating in the ratification of IEEE 802 standards.
* Andrew Myles suggests just working with the abstaining national bodies.
* It’s not clear how IEEE 802 would interface with individual national bodies; IEEE Staff will need to look into how this could be done.
* James Gilb (General Atomics) suggests that Myles write a letter to reach out to the abstaining national bodies.
  + Myles indicated that such a letter could explain the importance of the process, how IEEE 802 would like to work with JTC1/SC6, and the importance to IEEE 802 of their studied comments and input.
  + Myles will strive to have such a letter ready for the January interim meeting. Based on what happens with that, IEEE 802 will then reach out to the China NB to see what can be done to better understand and address their concerns, rather than generating the usual comment responses.
  + If that doesn’t find traction, then IEEE 802 will approach SC6 to facilitate that conversation.

### Corrigenda

* The JTC1/SC6 Secretariat approached Jodi Haasz to request that IEEE 802 submit corrigenda to JTC1/SC6.
* The PSDO process, however, is not sufficiently timely to send corrigenda, which are, by their nature, matters of timely distribution.
* ISO staff suggest that a single 90-day ballot would suffice for ratification of corrigenda.

### SC6 meeting

* The next JTC1/SC6 meeting will be in Tunisia, February 6-10, 2017
* JTC1/SC6/WG1 will be discussing low-power, wide-area networks and human-body communications, both topics that would be of interest to elements of IEEE 802.
* The other topic on the agenda, power line communications, is outside of IEEE 802’s current scope of work.
* WG1 will also be looking at various IEEE 802 documents going through the PSDO process.

### Updates

* IEEE 802 WG chairs need to provide status updates for their WGs to be sent to the SC6 meeting, as agreed between the two organizations.
* The JTC1 SC Vice Chair will coordinate with the WGs chairs to obtain these updates by mid-January in order to be sent in time for the February meeting in Tunisia.

### Adjournment

* The meeting was adjourned at 2:44 p.m.