IEEE P802.11
Wireless LANs

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| Minutes of IEEE 802 JTC1 Standing Committeein Vancouver, Canadain March 2019 |
| Date: 20190403 |
| Author(s): |
| Name | Affiliation | email |
| Andrew Myles | Cisco | amyles@cisco.com |

Abstract

Minutes of IEEE 802 JTC1 Standing Commitee sessions at the IEEE 802 plenary session in Vancouver, Canada in March 2019

# Minutes of Meeting on Tue, 12 March 2019

### Order

* The chair, Andrew Myles (Cisco), called the meeting to order at 1:30 p.m. on Tuesday, March 12, 2019

### Agenda

* The SC agenda is found in 11-19/0233r07
* The agenda was accepted without modification

### Minutes

* The minutes (11-19/0252r00) from the St. Louis meeting were approved with unanimous consent

### 802.1

* IEEE 802.1CB has now been published as ISO/IEC/IEEE 8802-1CB:2019
* IEEE 802.1AR-Rev is awaiting the start of its FDIS ballots, since comment responses for the pre-ballot were sent on January 14th.
* IEEE 802.1CM is in an FDIS ballot closing on June 26th.
* IEEE 802.1Qcy is being held until IEEE 802.1Q-2018 receives its own approval.
* IEEE 802.1AC/Cor-1 is in a special 90-day pre-ballot that closes later this week.
* IEEE 802.1Xck passed its 60-day pre-ballot but received two comments from the China National Body (CNB).
	+ One deals with security concerns about MACSec (IEEE 802.1AEcg), but the other is a new type of comment that states that the “proposal does not give a specific scheme to protect network configuration data constructed by YANG Model.”
	+ IEEE 802.1 is not sure what that comment means and will probably respond with a query back to JTC 1/SC 6 requesting clarification.
* IEEE 802.1AE-Rev passed its pre-ballot, receiving 6 comments and a “no” vote from the CNB.
	+ The first comment (about different methodologies) from the CNB does not propose a change, so it isn’t really actionable.
	+ The second one is the usual complaint about IEEE 802.1X being insecure.
	+ The third comment deals with the perceived high cost of hop-by-hop encryption.
	+ The fourth comment deals with updates to RFC 1213, which is referenced in IEEE 802.1AE-Rev.
		- Mick Seamans has looked at the RFCs that update RFC 1213 and determined that do not affect the parts of RFC 1213 that IEEE 802.1AE-Rev uses.
	+ The fifth comment from the CNB indicates that there are references to IEEE Standards that do not give the year of publication, so it’s not clear which version is being referenced.
	+ Finally, the sixth comment is the same one that has been previously submitted indicating that the CNB does not wish to see AES specified in preference to other national and international ciphers.
* Karen Randall (Randall Consulting) will work on generating the responses for IEEE 802.1Q-2018 for action during this meeting.
	+ The IEEE 802.1 WG will then approve those and the previously generated IEEE 802c comment responses for transmission to JTC 1/SC 6.
	+ IEEE 802.1AE-Rev comment responses will take longer to work through.
* Several IEEE 802.1-originating standards are undergoing systematic review:
	+ ISO/IEC/IEEE 8802-1X:2013, ISO/IEC/IEEE 8802-1AE:2013, and ISO/IEC/IEEE 8802-1AS:2014.
	+ The first two completed their reviews and were confirmed again.
	+ The third specification will finish its review in June.
	+ There were some slightly odd responses to questions in the IEEE 802.1X review, with some countries indicating that IEEE 802.1X was not being used in those countries despite this clearly not being the case.

### 802.3

* IEEE 802.3 has seen both IEEE 802.3bs and IEEE 802.3cc pass their 5-month FDIS ballots in December.
	+ Both have now been published as ISO/IEC/IEEE 8802-3:2017/Amd 10:2019 and ISO/IEC/IEEE 8802-3:2017/Amd 11:2019, respectively.
* IEEE 802.3cb will closed on its 60-day pre-ballot on April 8th.
* IEEE 802.3cd is waiting to start its pre-ballot, pending release coming out of this meeting.
* IEEE 802.3-REV is in a pre-ballot closing April 14th.
* FDIS approval for IEEE 802.3-REV will need to preceed IEEE 802.3cb, since IEEE 802.3cb is an amendment to IEEE 802.3-REV (which was published by IEEE as IEEE 802.3-2018).

### 802.11

* IEEE 802.11 has 10 standards in the ratification pipeline.
* IEEE 802.11ah passed its FDIS ballot, with the CNB submitting a ‘no’ vote on the basis that their comments submitted during the 60-day pre-ballot had not been addressed satisfactorily.
	+ Their first comment is a variation on the one indicating that they believe IEEE 802.11ah to be insecure because of its reliance on the underlying security mechanisms in IEEE 802.11-2016 and IEEE 802.11ai.
	+ The comment does not specify a desired modification to the standard and therefore the JTC1 SC will recommend that IEEE 802.11 the contents of 11-19/0266r03 (amended to 11-19/0266r04) be liaised as the responses to the ballot comments.
* IEEE 802.11aj (China Millimeter Wave) is awaiting its pre-ballot, which first requires a response to a comment from the CNB
	+ This may be difficult to arrange as the IEEE 802.11aj experts are probably not currently attending IEEE 802.11 meetings.
	+ The matter will be taken up with the IEEE 802.11 WG.
* IEEE 802.11ak passed its pre-ballot in February, receiving comments from the CNB.
	+ The JTC1 SC recommended to the IEEE 802.11 WG that the comment response found in 11-19/0278r02 (amended to 11-19/0278r03) be sent in response.
* IEEE 802.11aq is in a similar boat, with the recommended comment responses to be found in 11-19/0279r01 (likewise amended to 11-19/0279r02).
* It’s expected that the WG will liaise an informational draft of IEEE 802.11ax to JTC 1/SC 6 coming out of the Vancouver meeting.
* Likewise, it appears that IEEE 802.11ay will have drafts liaised coming out of this meeting as well.

### 802.15

* Transmission of the comment responses to IEEE 802.15.6 does not appear to have taken place yet.
	+ Peter Yee will check with Bob Heile to see about the disposition of these comment responses – they should have been sent out of the St. Louis meeting.
* Also, Yee will ask Heile about submitting IEEE 802.15.3 and IEEE 802.15.4, there having been community interest in having these specifications published as ISO/IEC standards.

### Systematic review

* During the August 2018 JTC 1/SC 6 plenary in Tokyo, IEEE 802 requested that systematic review of ISO/IEC TR 8802-1:2001, ISO/IEC 15802-1:1995, ISO/IEC 15802-3:1998,
* ISO/IEC 8802-5:1998, and ISO/IEC 8802-5:1998/Amd.1:1998 be undertaken with the goal of withdrawing these outdated specifications.
	+ The first document was withdrawn early on, while the other 4 were withdrawn in February.
	+ The CNB objected to the withdrawals of several documents, but ultimately their vote against withdrawal did not prevail, although most countries merely abstained.

### SC6 meeting

* The upcoming SC 6 plenary meeting will be held April 22-26, 2019 in Beijing, CN.
* The WG 1 agenda includes a new agenda item that purports to discuss the review of unresolved comments from SC 6 ballots – presumably, this is an opportunity for the CNB to raise their dissatisfaction with the comment responses received from the IEEE for many years of repeated ballot comments submitted.
* Procedurally, this addition of this agenda item occurred after the deadline for such changes, so Jodi Haasz (IEEE Staff) will let the SC 6 Secretary know that we find this objectionable and outside of the rules.
* Peter Yee will take the agenda for this meeting and use it to prepare a compact status report of IEEE 802’s activities. This will be presented as the IEEE 802 liaison report during the SC 6 plenary.

### Adjournment

* The meeting was adjourned at 2:32 p.m.