IEEE P802.11
Wireless LANs

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Abstract

Minutes of the IEEE 802.11 ARC Standing Committee held Wednesday, 16 January 2013, in the AM1 time slot.

Called to order 8:06, Wednesday, 16 January 2013.

Agenda deck is 11-13/0085r0.

The Chair made the call for Patents. There was no response.

The Chair reviewed the agenda.

The Minutes of the November 2012 session were approved as posted.

802.11 TGak (“Enhancements For Transit Links Within Bridged Networks”) and 802.1Qbz on “802.11 bridging” update.

* Donald Eastlake, 802.11 GLK SG Chair, reported informally on the status of GLK: A number of technical presentations. 802.11 archiectural concepts alignment to 802.1Q concepts discussed. Conversion between Ethertype and LLC format is one challenge. At March meeting, plan is to identify a firm list of the problems to be solved.
* Brief discussion of General Link concept, as compared to a Mesh link.
* Brief discussion of format of MSDUs in A-MSDUs, and confirmation that these MSDUs are also carried in LLC format.

Discusison on P1905.1

* We commented on Draft 8 ballot. Confusion about what happened to our comments. (This was later sorted out off-line: our comments were addressed, a Draft 9 recirc was done in Dec. No comments were received on the latter recirc.)

IETF/802 coordination, lead by Dorothy Stanley (Aruba Networks).

* RFC 4441 update – includes documenting of IETF and 802 WG procedures, mailing lists, parameter allocation. Latest draft is rev-02. This is still early in the process, with work by a small editing team focused on coordination and notification processes in particular. Version rev-03 is expected in the next couple weeks.
* Will request 802.11 to hold a ePoll comment collection to allow more 802.11 members’ review and comment participation. This will be fed into the editing team process, prior to the IETF meeting in early March, and the joint meeting with IETF and 802 just before the March 802 plenary session.

802 Overview and Architecture

* Last ballot round closed on Dec 31. One comment received, which was not from an 802.11 member, but was a comment that the 802.11 Annex has inconsistent terminology. 802 O&A Editor will sort this out off-line. Intention is to proceed to first Sponsor Ballot out of this week. A number of 802.11 members are in the Sponsor Pool, so we will stay involved in this as it continues the balloting process.
* AP/DS/Portal architecture and Figure B.6 were discussed. Reviewed document <https://mentor.ieee.org/802.11/dcn/13/11-13-0115-00-0arc-considerations-on-ap-architectural-models.doc>, posted by Mark Hamilton. Little discussion due to time constraints, will continue in March. Concluded that a list of 802.1 documents relevant to our work would be helpful to participants. Initial list formed (will be updated as we learn more, and get 802.1 input):
	+ High interest:
		- 802.1X-2010 (Port-based Security)
		- 802.1D-2004 (MAC bridging)
		- 802.1Q-2011 (VLAN-aware bridging) (802.1aq)
		- 802.1AC-2012 (MAC Service)
	+ Some interest:
		- 802.1BR (Bridge port extension)??
		- 802.1AX (Link aggregation)
		- 802.1BA (Audio/Video bridging)
	+ Low interest, probably:
		- 802.1AB (Discovery, aka LLDP)
		- 802.1AE (MAC security)
		- 802.1AS (Timing/synchronization)
		- 802.1AR (Secure device identity)
		- 802.1F

Future: ARC meets ad hoc but seems to always have something. One slot likely in at March meeting. May consider a second slot if the AP/DS/Portal discussion gets more activity and needs more time. No teleconferences planned.

Adjourn, 10:00.