IEEE P802.11  
Wireless LANs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ARC SC Meeting Minutes September 2014 | | | | | |
| Date: 2014-09-19 | | | | | |
| Author(s): | | | | | |
| Name | Affiliation | Address | Phone | email |
| Joseph Levy | InterDigital Communications, Inc. | 2 Huntington Quadrangle  4th floor, South Wing Melville, NY 11747 | +1.631.622.4139 | joseph.levy@interdigital.com |
|  |  |  |  |  |

Abstract

Minutes of the IEEE 802.11 ARC Standing Committee meeting held on 15, 17 September 2014, in Athens, Greece. Note: minutes for the joint meeting with TGak minutes are not provided in this document.

**Monday 15 September 2014, EV1, 19:30 (CET) ARC SC Meeting**

**Chair: Mark Hamilton, Spectralink, 802.1AC**

**Vice-Chair/Secretary: Joseph Levy, InterDigital**

**Meeting call to order by Mark Hamilton 19:37, 15 September 2014**

**Agenda – 11-14/1032r1, updated during the meeting to r2** (<https://mentor.ieee.org/802.11/dcn/14/11-14-1032-01-0arc-arc-sc-agenda-sep-2014.ppt> ):

* Administrative: Minutes
* Updates, no action expected:
  + IEEE 1588 mapping to IEEE 802.11
  + IETF/802 coordination (RFC 4441, PAWS, CAPWAP)
  + 802.1AC revision
    - Review/Discussion of 802.1AC draft
    - DS and Portal architecture (and Annex R), with 802.1 (802.1AC and Bridge) concepts
  + AP/DS/Portal architecture and 802 concepts
    - AP’s “Distribution System Access” function concept
    - Make DS\_SAP normative?

**Administration:**

The Chair reviewed the Administrative information in slides 5-10 in the Agenda document (11-14/1032r1)

**Call for Patents:**

The Chair reviewed the Patent policy and called for potentially essential patents – there was no response to the call.

**Approval of the Agenda:**

The proposed Agenda slide 11 of the Agenda document (11-14/1032r1) - partially copied above and below was approved.

**Approved Agenda:**

* Monday, Sep 15, EVE1
  + Administrative: Minutes
  + Updates, no action expected:
    - IEEE 1588 mapping to IEEE 802.11
    - IETF/802 coordination (RFC 4441, PAWS, CAPWAP)
  + 802.1AC revision
    - Review/Discussion of 802.1AC draft
    - DS and Portal architecture (and Annex R), with 802.1 (802.1AC and Bridge) concepts
  + AP/DS/Portal architecture and 802 concepts
    - AP’s “Distribution System Access” function concept
    - Make DS\_SAP normative?
* Wednesday, Sep 17, AM1
  + Prepare for Joint TGak session (on Thursday)
  + MIB attributes Design Pattern
  + AP/DS/Portal architecture and 802 concepts, continued
  + Future sessions / SC activities
* Joint session with TGak, Thursday, Sept 18, AM1
  + Architectural view of 11ak Bridged LAN

IEEE 1588 mapping to IEEE 802.11

No new information, no activity at this time.

IETF/802 coordination (RFC 4441, PAWS, CAPWAP)

RFC 7241 is published, obsoleting 4441. No PAWS or CAPWAP activity since July.

Note: PAWS protocol 17, September 8th. – Chair will investigate

**802.1AC revision**

802.1AC D1.0 WG Ballot closed on July 18, 2014, no official results yet – unofficial results 5/4/15

Chair conducted are view of: [11-14-0497-03-0arc-802-11-portal-and-802-1ac-convergence-function](https://mentor.ieee.org/802.11/dcn/14/11-14-0497-03-0arc-802-11-portal-and-802-1ac-convergence-function.pptx)

and [802-1ac-rev-d1-0](http://www.ieee802.org/1/files/private/ac-rev-drafts/d1/802-1ac-rev-d1-0.pdf)

Discussed [11-14-1218-00-0arc-normative-ds-sap](https://mentor.ieee.org/802.11/dcn/14/11-14-1218-00-0arc-normative-ds-sap.pptx) and the possibility of changing annex R to be normative, updated the document to 11-14/1218 to r1. There was general support for moving in this direction. Some discussion on where to put the new section: after 7? e.g. clause 8.

**AP/DS/Portal architecture and 802 concepts**

Reviewed [11-14-1213-00-0arc-ap-arch-concepts-and-distribution-system-access](https://mentor.ieee.org/802.11/dcn/14/11-14-1213-00-0arc-ap-arch-concepts-and-distribution-system-access.pptx) updating it to r1.

Noted: [11-13-0115-15-0arc-considerations-on-ap-architectural-models](https://mentor.ieee.org/802.11/dcn/13/11-13-0115-15-0arc-considerations-on-ap-architectural-models.doc)

General support of the current direction.

**Recessed at 21:33.**

**Wednesday, Sep 17, AM1**

**Meeting call to order by Mark Hamilton 8:02, 17 September 2014**

**Agenda – 11-14/1032r2**

**Administration:**

The Chair reviewed the Administrative information in slides 5-10 in the Agenda document (11-14/1032r2)

**Call for Patents:**

The Chair reviewed the Patent policy and called for potentially essential patents – there was no response to the call.

**Prepare for Joint TGak session (on Thursday)**

The Chair had no agenda topics for the joint meeting. The TGak Chair had no agenda topics for the joint meeting. However, there are still some outstanding architectural items that need to be discussed, hence there is a need for the joint meetings to continue for at least one additional meeting.

**PAWS (revisited)**

The Chair updated the group that he confirmed there is nothing new regarding PAWS at this time.

It was mentioned that RADAR Sat1 and others are going into PAWS.

**MIB Review**

Reviewed the discussion from the August 26th CC:

* [**11-14-1068-00-0arc-mib-attributes-design-pattern-background**](https://mentor.ieee.org/802.11/dcn/14/11-14-1281-00-0arc-mib-attributes-analysis.docx)
* [**11-14-1281-00-0arc-mib-attributes-analysis**](https://mentor.ieee.org/802.11/dcn/14/11-14-1281-00-0arc-mib-attributes-analysis.docx)

The group recognized value in system-level view of patterns of use, for combinations of usage of MIB attributes and over-the-air signaling. Started the analysis of MIB attributes of type “TruthValue”. This work will continue, and discussions will continue on an upcoming conference call.

**Adjourned Wednesday, September 17 @ 10:00**

**Note there was also a joint meeting with TGak on Thursday AM1, please see the TGak minutes:** [**11-14-1311-00-00ak-11ak-september-2014-minutes.doc**](https://mentor.ieee.org/802.11/dcn/14/11-14-1311-00-00ak-11ak-september-2014-minutes.doc)

**Note: ARC Closing Report in** [**11-14-1297-00-0arc-arc-closing-report-sep-2014**](https://mentor.ieee.org/802.11/dcn/14/11-14-1297-00-0arc-arc-closing-report-sep-2014.pptx)