IEEE P802.11  
Wireless LANs

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| ARC SC Meeting Minutes January 2015 | | | | | |
| Date: 2015-01-15 | | | | | |
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Abstract

Minutes of the IEEE 802.11 ARC Standing Committee meeting held on 11th March 2015, in Berlin, Germany. Note: minutes for the joint meeting with TGak and 802.1 minutes held on 12th of March 2015 are not provided in this document.

**Wednesday 11 March 2015, AM1, 8:00 (CET) ARC SC Meeting**

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

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

**Meeting call to order by Mark Hamilton 8:00 AM, 11 March 2015**

**Proposed Agenda** [11-15-0234-03-0arc-arc-sc-agenda-mar-2015.ppt](https://mentor.ieee.org/802.11/dcn/15/11-15-0234-03-0arc-arc-sc-agenda-mar-2015.ppt) **, updated during the meeting to r3**

**Wednesday, Mar 11, AM1**

* **Administrative: Minutes**
* **Updates, no action expected:**
  + **IEEE 1588 mapping to IEEE 802.11**
  + **IETF/802 coordination (PAWS, CAPWAP)**
  + **MIB attributes Design Pattern**
  + **802.1AC draft review/discussion, as needed**
  + **AP/DS/Portal architecture and 802 concepts**
    - **AP’s “Distribution System Access” function concept**
    - **Make DS\_SAP normative, Annex R updates**
  + **Prepare for Joint session (Thursday)**
    - **General Links (802.11ak) concepts**
    - **AP/DS/Portal architecture and 802 concepts**
  + **Future sessions / SC activities**

**Joint session with TGak/802.1 (802.1Qbz), Thursday, Mar 12, AM1**

* + **Architectural view of 11ak Bridged LAN**

**Administration:**

The Chair reviewed the Administrative information in slides 5-10 in the Agenda document (11-15/0234r2)

**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 (11-15/0234r2) - copied above was approved.

**Administrative: Minutes**

January Minutes:[**11-15-0142-00-0arc-arc-sc-meeting-minutes-january-2015.docx**](https://mentor.ieee.org/802.11/dcn/15/11-15-0142-00-0arc-arc-sc-meeting-minutes-january-2015.docx)

Approved by unanimous consent.

**Updates for: IEEE 1588 mapping to IEEE 802.11 and IETF/802 coordination (PAWS, CAPWAP)**

**MIB attributes Design Pattern**

Introduced on slide 15 of 11-15/0234r2. Reviewed that all MIB attributes are listed in: [11-14-1281-04-0arc-mib-attributes-analysis.docx](https://mentor.ieee.org/802.11/dcn/14/11-14-1281-04-0arc-mib-attributes-analysis.docx), with background in: [11-14-1281-04-0arc-mib-attributes-analysis.docx](https://mentor.ieee.org/802.11/dcn/14/11-14-1281-04-0arc-mib-attributes-analysis.docx). Then discussed [11-15-0355-01-0arc-mib-truthvalue-usage-patterns.docx](https://mentor.ieee.org/802.11/dcn/15/11-15-0355-01-0arc-mib-truthvalue-usage-patterns.docx), reviewing “feature” as defined in section 2.   
Several comments were made during the meeting:

1. Section 3.1 – adding an example may be helpful.
2. Section 3.2 – MAX-ACCESS is read only from an external entity – as a baseline this could be an SMP query, though it is not restricted to be one.
3. Section 3.3 – Enabled by internal mechanism – peer (dot11 peer) – dot11 management entity only, though may be readable by external entity.
4. Section 3.4 – this is external controllable setting - this is a super set. It was suggested to add in-enabled, in/ex-enabled. This suggestion was followed by a long discussion on possible names:
   1. Enabled Activated
   2. Intenabled extenabled
   3. Intactivate extactivated
   4. Intactivated intextactivated
   5. Intenabled intextenabled
   6. I E (c)=capable (“dot11EXxx”)
   7. Int Ext Cap/Imp

No consensus or conclusions was reached.

**802.1AC draft review/discussion, as needed**

A discussion was had on the timing of 802.1AC – The question was does the timing of the following activities relate: 802.11-2016, 802.11ak, 802.1AC, and 802.1Qbz.

The discussion yielded the following observations:

1. 802.1AC generalized link interface is dependent on 802.11ak.
2. 802.1AC portal interface is dependent on 802.1-2016, but this is not an issue as the current draft is adequate and seems to be stable.
3. Given 1 and 2 802.1AC portal interface without generalized link can move forward now.
4. Most of the text in 802.1Qbz only deals with link type encoding frame
5. LPD link type conversion is only in 802.1AC
6. LPD vs. link type is a potential issue. EPD means link type 1503 – the discussion of the nomenclature is not clear.
7. Given 3, 4, 5, and 6 – It may be best if 802.1AC and 802.1Qbz go to sponsor ballot at the same time. Other observations: 802.1Qbz does not have all the details, 802.1AC does. Therefore 802.1AC should not finish until 802.11ak firms up or GLK should be taken out of 802.1AC or moved to an annex, so that it can be moved in/out at sponsor ballot.

Conclusion of this discussion: All groups should move ahead at their current rates. 802.1AC will move GLK into an annex to enable the groups to move ahead independently. 802.11ak will move forward as quickly as possible, as will 802.1Qbz.

**Adjourned 10:08, 11 March 2015**

**Note there was also a joint meeting with TGak and 802.1 on Thursday, March 12, AM1, please see the TGak minutes.**

**Note:** ARC Closing Report in:[11-15-0469-01-0arc-arc-closing-report-mar-2015.pptx](https://mentor.ieee.org/802.11/dcn/15/11-15-0469-01-0arc-arc-closing-report-mar-2015.pptx)

**Also note:** updates to the MIB TruthValue Usage Patterns document based on the above discussions can be found in: [11-15-0355-02-0arc-mib-truthvalue-usage-patterns.docx](https://mentor.ieee.org/802.11/dcn/15/11-15-0355-02-0arc-mib-truthvalue-usage-patterns.docx)