IEEE P802.11  
Wireless LANs

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| ARC SC teleconferences minutes 01 February 2021 | | | | |
| Date: 2021-02-01 | | | | |
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Abstract

This document contains the minutes of the IEEE 802.11 ARC SC teleconference held on 01 February 2021 at 12:00-14:00 h ET.

Note: Highlighted text are action items. A- precedes comments from the document’s author, C- precedes comments, R- precedes responses to comments.

**Contents:**

[Monday 01 February 2021, 12:00-14:00 h ET 3](#_Toc62583972)

[Administration: 3](#_Toc62583973)

[Contributions: 3](#_Toc62583974)

[Next Steps: 3](#_Toc62583975)

[Adjourned – 20:04 h EDT. 4](#_Toc62583976)

# Monday 01 February 2021, 12:00-14:00 h ET

## Administration:

**Chair: Mark Hamilton, Ruckus/CommScope**

**Vice Chair: Joseph Levy, InterDigital**

**Secretary: Joseph Levy, InterDigital**

**Meeting called to order by the Chair 12:02 ET**

Agenda slide deck: [11-21/0156r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0156-00-0arc-arc-sc-agenda-feb-1-2021.pptx)

**Call for Patents:**

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

**IEEE SA Copyright Policy:**

The Chair reviewed the Copyright policy.

**Participation:**

The Chair reviewed the participation policy.

**Approval of the Agenda:**

* **Attendance, noises/recording, meeting protocol reminders**
* **Policies, duty to inform, participation rules**
* **Contribution/discussion topics:**
  + **Updates to** [**11-20/0177r6**](https://mentor.ieee.org/802.11/dcn/20/11-20-0177-06-0arc-liaison-to-revmd-on-ess.docx) **(liaison to REVmd, now REVme)**
* **Next Steps**

The Chair reviewed the agenda and called for comments or amendments to the agenda.

C – A question was raised regarding the discussion of Annex G and if it was on the agenda?

R – It can be if there is interest.

C – This will be discussed in the Editors group. If Annex G is going to continue to be in the 802.11 specification, then work needs to be done in TGbe to provide content for Annex G.

The Chair will add Annex G discussion time to the March Plenary meeting agenda.

The proposed agenda was accepted as originally proposed.

## Contributions:

Updates to [**11-20/0177r6**](https://mentor.ieee.org/802.11/dcn/20/11-20-0177-06-0arc-liaison-to-revmd-on-ess.docx) (liaison to REVmd, now REVme)

Mark – provided background/status of the REVmd and how we are working now towards REVme and a revision summary of the document. Clarification of GLK.

Reviewed the document and status of the changes.

Cover letter needs to be rewritten to update to REVme.

C – Are the referenced documents from WFA available as public documents?

R – It was confirmed they are publicly available.

C - Did we decide to use “an HeSS”?

R – Yes

**Discussion on ANQP**

There was some discussion as to what needed to be done regarding ANQP usage.

It was generally agreed that the changes should be addressed but that they were beyond the scope of the change to “HeSS” and should be delt with as a sperate item.

Points raised:

* This should be a separate contribution to TGme.
* Prefer to allow it to be in WFA specifications.
* There are good exceptions for location information. Therefore, the specification may have to provide additional or new capabilities for ANQP for an HeSS.

Moved the ANQP comments to the “Future possible work section”.

**Discussion on GLK**

C – There is no negative statement regarding the DS. Should there be?

Proposal is to add additional clarity to 4.23.28.1.

There was a discussion on: GLK, 802.1Q, and the DS/ESS concepts and how they relate and how they differ. Resulting in:

Replacing the first sentence of the proposed change with: "GLK operation does not involve a DS and does not involve an ESS." From Mark R.

No objection to solution to 3a.

No objection to solution 3b and 3e.

3c, 3d 3f issues were agreed to be moved to the “Deferred changes”.

**Issue 4)**: no problem with changing ESS with a DS to simply ESS.

**Issue 5)**: moved to Deferred changes.

**Issue 6):** moved to Deferred changes.

The Chair agreed to sort out the concept of association – what does a non-AP STA associate with? Is it an AP, a BSS, an ESS, or a DS?

The Chair will Updated LS – and posted it to Mentor and send an announcement on the reflector. Any comments on the LS should be shared on the reflector prior to the 1 March teleconference. The plan is to move the motion at the 1 March 2021 ARC teleconference (13:00-15:00 h ET), so ME will have the LS when it begins its work at the plenary session.

C – Confirming that the intent is to work on the open issues in ARC and then bring the conclusions to TGme.

## Next Steps:

**Next Teleconference(s):**

* Next teleconference on ESS/HeSS topic (preparing liaison to REVme)
  + Mar 1, 13:00 ET, 2 hours
    - Expect MOTION to liaise our document to REVme
* Also, 2 teleconferences on TGbe topic, Monday 7pm slot (on weeks when TGbe is not using the slot)
  + Feb 8, Feb 22: 19:00 ET, 2 hours

**Contributions requested/expected:**

* TGbe architecture topics, especially trying to consolidate security discussion to be liaised to TGbe

## Adjourned: 14:00 h EDT

**Attendance:**

| **Name** | **Affiliation** |
| --- | --- |
| Ansley, Carol | IEEE member / Self Employed |
| Au, Kwok Shum | Huawei Technologies Co., Ltd |
| Berkema, Alan\* | HP Inc. |
| Emmelmann, Marc\* | Koden-TI |
| Fang, Yonggang | Self |
| Hamilton, Mark | Ruckus/CommScope |
| Hervieu, Lili | Cable Television Laboratories Inc. (CableLabs) |
| Kandala, Srinivas\* | Samsung |
| Levy, Joseph | InterDigital, Inc. |
| McCann, Stephen | Huawei Technologies Co., Ltd |
| Montemurro, Michael | Huawei Technologies Co. Ltd |
| NANDAGOPALAN, SAI SHANKAR | Cypress Semiconductor Corporation |
| RISON, Mark | Samsung Cambridge Solution Centre |
| DICK, Roy\* | Self |
| Stacey, Robert | Intel Corporation |
| Stanley, Dorothy | Hewlett Packard Enterprise |
| Wang, Lei | Futurewei Technologies |
| yi, yongjiang | Futurewei Technologies |

\* Added based on Webex participants list.