IEEE P802.11  
Wireless LANs

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| ARC SC teleconferences minutes 31 Mar 2022 | | | | |
| Date: 2021-03-31 | | | | |
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Abstract

This document contains the minutes of the IEEE 802.11 ARC SC teleconference held on 31 March 2022 at 19:00-21:00 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:**

[Thursday 31 March 2022, 19:00-21:00 h ET 3](#_Toc100240580)

[Administration: 3](#_Toc100240581)

[Updates on IEEE Std 802 projects 3](#_Toc100240582)

[Clause 6 discussion: 11-22/0413r1 4](#_Toc100240583)

[Next Steps: 4](#_Toc100240584)

[Adjourned: 21:02 h ET 4](#_Toc100240585)

[Attendance: 5](#_Toc100240586)

# Thursday 31 March 2022, 19:00-21:00 h ET

## Administration:

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

**Vice Chair: Joseph Levy, InterDigital**

**Secretary: Joseph Levy, InterDigital**

**Meeting called to order by the Chair 19:09 ET**

Agenda slide deck: [11-22/0532r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0532-00-0arc-arc-sc-agenda-mar-31-2022.pptx)

**Agenda Slides 4-14:**

**Reminders to Attendees**

**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**
* **Updates on IEEE Std 802 projects**
  + Nendica calls are discussing and drafting PAR/CSD(s), Thursdays 9am ET
  + Interest/discussion on architecture including VLANs (and other tags)?
* **Clause 6 discussion:** [**11-22/0413r1**](https://mentor.ieee.org/802.11/dcn/22/11-22-0413-01-0arc-clause-6-proposal.docx)

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

Order of the items were adjusted as above.

## Updates on IEEE Std 802 projects

– Joseph Levy provided an update on the status of the IEEE Std 802 projects:

* The 802 maintenance PAR – the PAR was approved by the IEEE SASB and is assigned to the 802.1 WG, the 802.1 Chair will be assigning the work to an 802.1 TG soon, note this standards activity will not be conducted in Nendica as it is an ICA and standards development work must be done in a WG or a TG. This project should be starting shortly. The approved PAR is available on the SA website: [P802](https://development.standards.ieee.org/myproject-web/app#viewpar/12800/9288)
* The 802 amendment PAR scope is under discussion. Two new contributions ([802.1-22-0007](https://protect-us.mimecast.com/s/C6kyCQWrqJtnomsj0tOM?domain=mentor.ieee.org), [802.1-22-0008](https://protect-us.mimecast.com/s/C6kyCQWrqJtnomsj0tOM?domain=mentor.ieee.org)) provided a technical proposal to remove the LLC. The author of these contributions has stated they will be providing updates to these contributions to clarify what is being proposed, clarifying that other 802.x specification will not need to be significantly changed if the proposed changes are made.

Additional information can is available in the Nendica ELLA report: <https://1.ieee802.org/nendica-ella/>

802 Technical Plenary information is here: <https://ieee802.org/802tele_calendar.html>

## Clause 6 discussion: [11-22/0413r1](https://mentor.ieee.org/802.11/dcn/22/11-22-0413-01-0arc-clause-6-proposal.docx)

**Graham Smith – presented**

Reviewed the current principals of the approach, and some proposed text/text changes.

No changes to Section 6.3.1

Added Section 6.3.1.1 – defining the types of general forms, six of them.

Discussing of type1:

C – This figure is routed in the Action frame – we may want to change this to be more general. Also, there is an additional criterion: the request frame fails, or the request times out.

C – On type 3, is this a new type or is this a combo of 1 and 2?

C – If it is a combo does it matter? The type is required as combining/overlapping of the types without clearly stating how to do so and how it works is not helpful.

C – Type 4: is a type and is valid.

Not comments on Type 5

C – Type 6: indicated only.

Section 6.3.1.2 – this is the where the primitives are declared in detail – Then there is a list of which primitives are of which type.

C – There are some Type 2s with no confirm, is this a new type?

C – Would a table work better for this information instead of text? The names should be preserved.

C – There are enough of these MLME-…. in the text that we need to give the English name, the MLME- name, type, etc. If a table is created, it can contain some description information and a notes column.

C – It may be beneficial to have a reference to where the contents of the primitive are described. e.g., clause 9….

Q - Do we need a type2 without the confirm, is this a new type?

Looking at type 6 – MIC failure – it is MAC to SME –

C – What goes into the MIC failure indication primitive from MLME to SME should be defined – so that it is know what needs to be in the indication primitive. This may be in clause 12.

Chair - There seems to be a lot more work that needs to be done here, but this is a great start – Thank you Graham – We have a general direction.

## Next Steps:

Upcoming Teleconferences:

* May 2 – at 13:00-15:00 h ET (The Chair asked if there was any issue about this being the May day “celebration” date, no issue was raised, if there is an issue, please notify the Chair.)
* May 802.11 Interim session (2 meetings, Monday, and Wednesday - TBC)

## Adjourned: 21:02 h ET

## Attendance:

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| --- | --- |
| **Name** | **Affiliation** |
| Andersdotter, Amelia | Sky UK Group |
| Choo, Seungho | Senscomm Semiconductor Co., Ltd. |
| Hamilton, Mark | Ruckus/CommScope |
| Levy, Joseph | InterDigital, Inc. |
| Smith, Graham\* | SRT Wireless |
| Torab Jahromi, Payam | Facebook |

\* Added based on Webex participants list.