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| **Draft Minutes of the Nendica Meeting of 2019-10-31** |
| **Date: 2019-10-31** |
| **Author(s):** |
| **Name** | **Affiliation** | **Phone** | **email** |
| Roger Marks | Huawei Technologies Co., Ltd. | +1-802-capable | roger@ethair.net |

**Abstract**

Draft minutes of the IEEE 802 Network Enhancements for the Next Decade Industry Connections Activity (Nendica) teleconference meeting of 31 October 2019.

# Attendance and affiliation

(as declared)

|  |  |  |
| --- | --- | --- |
| **Name (Family)** | **Name (Given)** | **Affiliation** |
| **Congdon** | Paul | Huawei/Tallac |
| **Zein** | Nader | NEC Europe (NLE) |
| **Marks** | Roger | Huawei |
| **QIU** | WEI | HUAWEI |
| **Maruhashi** | Kenichi | NEC |

The following participated but did not log attendance or affiliation:

YU Yolanda

SUN Liyang

## Nendica

The IEEE 802 Network Enhancements for the Next Decade Industry Connections Activity (Nendica) Chair, Roger Marks, presided.

Roger Marks wrote the minutes.

**31 October 2019 09:01 ET (call to order by the Nendica Chair)**

The Nendica Chair presented the IEEE-SA Guidelines for IEEE-SA Meetings <https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf>, the IEEE-SA Participation Slides <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/Participant-Behavior-Individual-Method.pdf>, the IEEE 802 Participation slide <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pdf>, and IEEE ICCOM requirements<https://1.ieee802.org/802-nendica/ieee-iccom-requirements/>.

The Nendica Chair discussed how to record attendance for the meeting, using the link embedded in the agenda. The participant list above in section 1 is provided from the attendance logs, with additional names of individuals who presented or registered on the teleconference tool.

**Agenda Approval**

The Nendica Chair presented the previously-available draft agenda. Sun Liyang noted that he had a contribution to present under the item “Possible revision of LLDCN.” Zein reported that Kenichi Maruhashi had also participated in the editorial review of FFIoT.

**Disposition**: The agenda was reviewed and approved without change. The approved agenda is recorded in the Annex below, incorporating links to two contributions that had not been available when the agenda was drafted.

**Update**

The Nendica Chair pointed out updates to the Nendica web site, taking particular note of the new Nendica Work Item Schedule (<https://1.ieee802.org/nendica-schedule>) page showing development schedules for completed, current, and prospective Work Items.

**Procedures**

Marks reported that the 802.1 WG Chair, Glenn Parsons, had notified the Nendica reflector on 28 October as follows:

*As a procedural reminder, Nendica is a subgroub of 802.1. Practically, this means that Nendica resolutions, including the initiation of Work Items and the approval of reports, are subject to confirmation by the Working Group.  802.1 WG confirmation would need to be put forward as a motion at a WG plenary meeting, subject to approval by majority vote.*

Marks reviewed prospective updates, indicated in red, to the current Nendica Procedures (<https://1.ieee802.org/802-nendica/ieee-802-nendica-procedures>). The need for 802.1 WG confirmation to initiate a Call for Comments could cause a delay. It was suggested that perhaps this could be agreed as part of the motion to confirm initiation of the Work Item.

**Disposition**: The Nendica Chair agreed to revise the 802.1 WG actions in the Nendica Work Item Schedule to indicate “confirmation” rather than “approval.”

**Minutes Review**

The group reviewed the draft minutes of the Nendica meeting of 2019-09-16/19, in document IEEE 802.1-19-0073-01 (<https://mentor.ieee.org/802.1/dcn/19/1-19-0073-01-ICne.docx>).

**Disposition**: No comments were raised. A revised version of the minutes will be incorporated in the 802.1 minutes of the September 802.1 Interim, but that document is not currently available. Comments on those minutes should be directed to the 802.1 Working Group.

**MLaaS**

Wei Qiu presented *ICne-MLAAS Study Item update v1.0-1031*

* [https://mentor.ieee.org/802.1/dcn/19/1-19-0075-00-ICne.pptx](https://mentor.ieee.org/802.1/dcn/19/1-19-00xx-00-ICne.pdf)

The goal would be to complete the work by March 2021.

**Disposition**: It was understood that the Study Item would consider drafting a Work Item proposal at the January 2020 802.1 Interim Session, possibly refined during followup teleconferences, and presubmitting it to the 802.1 WG and the 802 EC by 14 February 2020, in time for consideration the 802 Plenary of March 2020.

**FFIoT**

Nader Zein reported that Catherine Berger had editorially refined the draft, with reviews by the volunteers (Zein, Maruhashi, and Marks). This week, a completed draft was received, with a request for final review. Publication will be scheduled for after 802.1 confirmation, anticipated on 14 November.

**Action Item**: Marks to forward a draft motion (for the 802.1 Closing Plenary) to the 802.1 WG reflector, as follows:

*Motion: To confirm the approval of IEEE 802.1.19-0026-03-ICne (“Flexible Factory IoT: Use Cases and Communication Requirements for Wired and Wireless Bridged Networks”) as a Nendica Report and process it for publication, subject to editorial revision.*

**Possible revision of LLDCN**

Liyang Sun presented *Introduction of a Potential New Work Item for Data Center Network*

* <https://mentor.ieee.org/802.1/dcn/19/1-19-0076-01-ICne.pptx>

This contribution (updated to r02 after the meeting) reviewed a list of data-center contributions to Nendica since the publication of the Lossless Data Center Network (LLDCN) Nendica Report and some additional topics expected at future sessions. It indicated that a potential new Work Item proposal on on Intelligent Lossless Data Center Network (ILLDCN) was under consideration.

**Work Item Schedule**

The Nendica Chair reviewed the new Nendica Work Item Schedules (<https://1.ieee802.org/nendica-schedule>) and the tentative milestone dates that he had entered. There were no objections to recording these as the tentative dates.

**Future meetings/teleconferences**

Nendica meets again in Waikoloa at the IEEE 802 Plenary, meeting 2019-11-12 (19:30) and 2019-11-14 (08:00). The draft agenda was reviewed. No changes were proposed.

Nendica will meet at the 802.1 Interim in Geneva the week of 2020-01-20. A meeting with the 802 Wireless Interim the preceding week is under consideration, possibly as a teleconference-only meeting.

**A.O.B.**

None.

**Adjournment**

The meeting was adjourned at 10:27 ET.

**Annex: Approved Agenda**

| **Topic** | **Subtopic** | **Subtopic Detail** | **Doc/Link** | **Type\*** | **Lead** | **min** |
| --- | --- | --- | --- | --- | --- | --- |
| Information | Date/time |  | [2019-10-31, 09:00-11:00 ET](https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20191031T09&p1=179&ah=2) |  |  |  |
|  | join.me connection link | Note: Meeting open to anyone interested | <https://join.me/Nendica802> |  |  |  |
| Opening | Call to Order |  |  | I | Marks | 2 |
|  | Identify secretary |  |  |  |  | 1 |
|  | Introductions |  |  | I |  | 1 |
|  | Guidelines for IEEE-SA Meetings |  | [Guidelines for IEEE-SA Meetings](https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf) | I |  | 2 |
|  | IEEE-SA Participation |  | [IEEE-SA Participation](https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/Participant-Behavior-Individual-Method.pdf) | I |  | 1 |
|  | IEEE 802 Participation |  | [IEEE 802 Participation](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pdf) | I |  | 1 |
|  | IEEE ICCOM requirements |  | [IEEE ICCOM requirements](https://1.ieee802.org/802-nendica/ieee-iccom-requirements/%20) | I |  | 1 |
|  | Attendance | [Log Attendance here](https://forms.zohopublic.com/virtualoffice15133/form/RSVP/formperma/sR48N3urdRWNU4-HXPJcQB4T27Zdn9dO1Qs4TkDQnXc) |  | I |  | 2 |
| Agenda | any modifications to the Agenda | approval of the agenda as displayed |  | V |  | 1 |
| Update | [Nendica Web Site](https://1.ieee802.org/802-nendica) |  | [Nendica Work Item Schedule](https://1.ieee802.org/nendica-schedule) | I | Marks | 3 |
|  | [Nendica Mentor Server](https://mentor.ieee.org/802.1/documents?is_group=ICne) |  |  | I |  | 1 |
|  | Membership: none |  |  | I |  | 0 |
| Minutes |  |  |  |  |  |  |
|  |  | review draft minutes of Nendica meeting of 2019-09-16/19 | [IEEE 802.1-19-0073-00](https://mentor.ieee.org/802.1/dcn/19/1-19-0073-00-ICne.docx) | I,D |  | 2 |
| Procedures |  |  |  |  | Marks | 20 |
|  |  | Procedural requirement: Nendica resolutions subject to 802.1 WG approval | [see message from 802.1 WG Chair of 2019-10-28](https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-NEND;5be77dae.19) | I |  |  |
|  |  | Updating Nendica Procedures | [see current Nendica Procedures](https://1.ieee802.org/802-nendica/ieee-802-nendica-procedures/) | D |  |  |
| Study Item |  |  |  |  |  |  |
|  | [Managed LAN as a Service [MLaaS]](https://1.ieee802.org/802-nendica/nendica-mlaas/) | report, contributions, and discussion | [ICne-MLAAS Study Item update v1.0-1031](https://mentor.ieee.org/802.1/dcn/19/1-19-0075-00-ICne.pptx) | I | Qiu | 20 |
| Work Items |  |  |  |  |  |  |
|  | FFIoT | brief report, including preparation for motion at 802.1 WG Plenary of 2019-11-14 |  | I | Zein | 3 |
|  | Possible revision of LLDCN | contribution | [Introduction of a Potential New Work Item for Data Center Network](https://mentor.ieee.org/802.1/dcn/19/1-19-0076-02-ICne.pptx) | I | Sun | 15 |
|  | Work Item Schedule | Review for updates | [Nendica Work Item Schedule](https://1.ieee802.org/nendica-schedule) | D | Marks | 5 |
| Future Meetings |  |  |  |  |  | 5 |
|  |  |  |  |  |  |  |
|  |  | Week of 2019-11-11, Waikoloa | [draft agenda](https://1.ieee802.org/802-nendica/agenda-ieee-802-nendica-meeting/) | I,D |  |  |
| New Business |  |  |  |  |  |  |
|  |  | Any other business |  | I,D |  | 5 |
| Adjournment |  |  |  |  |  |  |
|  |  | \*I=Information D=Discussion A=Action V=Vote/Decision |  |  |  | 91 |