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| **Draft Minutes of the Nendica Meeting of 2020-05-07** |
| **Date: 2020-05-07** |
| **Author(s):** |
| **Name** | **Affiliation** | **Phone** | **email** |
| Roger Marks | Huawei Technologies Co., Ltd.; EthAirNet Associates | +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 7 May 2020.

# Attendance and affiliation

(as declared)

|  |  |
| --- | --- |
| **Name** | **Affiliation** |
| Congdon, Paul | Huawei Technologies Co. Ltd |
| DeLaOlivaDelgado, Antonio | Universidad Carlos III Madrid |
| Krieger, Ann | US Department of Defense |
| Marks, Roger | Huawei Technologies Co., Ltd.; EthAirNet Associates |
| Riegel, Maximilian | Nokia |
| Zein, Nader | NEC Europe (NLE) |

The secretary noted no other attendees.

# Nendica

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

Roger Marks wrote the minutes.

**7 May 2020 09:03 ET (call to order by the Nendica Chair)**

The Nendica Chair reviewed the IEEE-SA Guidelines for IEEE-SA Meetings <https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf>, the IEEE SA Copyright Slides <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/copyright-policy-WG-meetings.potx> (information on Slide 2 provided; slides provided beforehand), 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/>.

**Agenda Approval**

The Nendica Chair presented the previously-available draft agenda.

**Disposition**: The agenda was reviewed and approved without change. The approved agenda is recorded in the Annex below.

**Update and Attendance**

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.

**Prior Minutes**

The Nendica Chair reviewed the draft minutes of meeting of 2020-04-23 in 802.1-20-0029-00. No comments were raised. The minutes were approved without objection.

**FFIoT**

Nader Zein reported that “IEEE 802 Nendica Report: Flexible Factory IoT — Use Cases and Communication Requirements for Wired and Wireless Bridged Networks” has been published on 17 April. The process for submitting comments on the report was reviewed.

**Data Center Networking [DCN]**

Congdon noted that last week’s meeting took place on 2020-04-30, with a pre-draft presented, and that the following meeting is scheduled for 2020-05-14.

**Stream and Flow Interworking [SFI]**

Marks introduced the SFI Work Item and the charter document “IEEE 802 Nendica Work Item Proposal: Network Stream and Flow Interworking” ([802.1-20-0004-04-ICne](https://mentor.ieee.org/802.1/dcn/20/1-20-0004-04-ICne.pdf)).

Marks presented the contribution “Pre-Draft SFI Report”:

* [https://mentor.ieee.org/802.1/dcn/20/1-20-0032-00-ICne.pdf](https://mentor.ieee.org/802.1/dcn/20/1-20-0028-00-ICne.docx)

Participants discussed views regarding streams and flows in IEEE Std 802.1Q and 802.1CB, some indicating that they would try to bring or encourage inputs regarding 802.1 TSN. One participant offered to bring a contribution regarding SDN and OpenFlow. (Another participant had offered during the prior meeting to bring a contribution regarding 3GPP streams by mid-May.)

**Future meetings/teleconferences**

Nendica teleconferences are scheduled weekly, alternating between the two Work Item topics. Two days before each meeting, the agenda would be updated with contributions received or the Chair would announce cancellation of the meeting if no material was available for discussion.

An additional DCN meeting is scheduled for 2020-05-20, 09:00 ET.

**Any other business**

None.

**Adjournment**

The meeting was adjourned at 10:17 ET.

**Annex: Approved Agenda**

| **Topic** | **Subtopic** | **Subtopic Detail** | **Doc/Link** | **Type\*** | **Lead** | **min** |
| --- | --- | --- | --- | --- | --- | --- |
| Information | Locations |  | teleconference only [[connect to Webex](https://ieeesa.webex.com/ieeesa/j.php?MTID=mbdc7e94851fdd6445afe8198e04ffe88)]Meeting number (access code): 711 616 530Meeting password: 802Nendica |  |  |  |
|  | Time | [2020-05-07 09:00 (2 hours)](https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20200507T0900&p1=179&ah=2) |  |  |  |  |
|  |  | Note: Meeting open to anyone |  |  |  |  |
| Opening | Call to Order |  |  |  |  | 2 |
|  | Identify secretary |  |  |  |  | 2 |
|  | 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 Copyright Policy |  | [IEEE SA Copyright slides](https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/copyright-policy-WG-meetings.potx) |  |  |  |
|  | IEEE SA Participation |  | [IEEE SA Participation slides](https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/Participant-Behavior-Individual-Method.pdf) | I |  | 2 |
|  | IEEE 802 Participation |  | [IEEE 802 Participation slides](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pdf) | I |  | 2 |
|  | IEEE ICCOM requirements |  | [IEEE ICCOM requirements](https://1.ieee802.org/802-nendica/ieee-iccom-requirements/) | I |  | 2 |
|  | Nendica Procedures |  | [Nendica Procedures](https://1.ieee802.org/802-nendica/ieee-802-nendica-procedures/) | I |  | 2 |
| Agenda Review | any modifications to the draft agenda | To approve the agenda as displayed |  | V |  | 1 |
| Update |  |  |  | I |  | 1 |
|  | Nendica Web Site |  | [Nendica Web Site](https://1.ieee802.org/802-nendica) | I |  | 1 |
|  | Nendica Mentor Server |  | [Nendica Mentor Server](https://mentor.ieee.org/802.1/documents?is_group=ICne) | I |  | 1 |
|  | Membership: none |  |  | I |  | 0 |
|  | Attendance | Register attendance and affiliation (IEEE web account required) | [Log Attendance using IMAT here](https://imat.ieee.org/sp7200043/attendance-log?p=3024400005&t=524200043) | I |  | 2 |
|  |  |  |  |  |  |  |
| Minutes |  |  |  |  |  | 5 |
|  |  | To review the following minutes document: 802.1-20-0029-00 (2020-04-23) | [802.1-20-0029](https://mentor.ieee.org/802.1/dcn/20/1-20-0029-00-ICne.docx) | D |  |  |
|  |  |  |  |  |  |  |
| Concluding Work Items |  |  |  |  |  |  |
|  | [Flexible Factory IoT (FFIoT)](https://1.ieee802.org/802-nendica/nendica-ffiot/) | Report |  | I | Nader Zein | 1 |
| Work Items |  |  |  |  |  |  |
|  | Revision of “The Lossless Network for Data Centers” | status update | [802.1-20-0002-02](https://mentor.ieee.org/802.1/dcn/20/1-20-0002-02-ICne.pptx) |  |  | 1 |
|  | Network Stream and Flow Interworking |  |  |  |  | 60 |
|  |  | status update | [802.1-20-0004-04](https://mentor.ieee.org/802.1/dcn/20/1-20-0004-04-ICne.pdf) |  |  |  |
|  |  | Contributions |  |  |  |  |
|  |  | Pre-Draft SFI Report | [802.1-20-0032-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0032-00-ICne.pdf) | I,D | Marks |  |
|  |  |  |  | I,D |  |  |
|  |  | Plans |  | D |  |  |
| Study Items |  |  |  |  |  |  |
|  | [Study Item: Managed LAN as a Service [MLaaS]](https://1.ieee802.org/802-nendica/nendica-mlaas/) |  |  | D | Wei Qiu | 0 |
| Future Meetings |  |  |  |  |  | 2 |
|  |  | future SFI telecons | every two weeks (using WebEx) | A |  |  |
|  |  | “virtual 802.1 WG Interim” | week of 2020-05-18; Nendica teleconference on the normal schedule (plus DCN Wed 2020-05-20) | I,D |  |  |
|  |  | teleconsNote 802.1 motion of November: “Authorize Nendica to hold teleconferences to progress work items and matters arising: – Dates/times to be announced subject to notice of at least 10 days to the 802.1 email exploder and website” |  | I,D |  |  |
| New Business |  |  |  |  |  |  |
|  |  | Any other business |  | I,D |  | 5 |
| Adjournment |  |  |  |  |  |  |
|  |  | \*I=Information D=Discussion A=Action V=Vote/Decision |  |  |  |  |