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| **Draft Minutes of the Nendica Meeting of 2020-03-18** |
| **Date: 2020-03-18** |
| **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 18 March 2020.

# Attendance and affiliation

(as declared)

|  |  |  |
| --- | --- | --- |
| **Name (Family)** | **Name (Given)** | **Affiliation** |
| Cheng | ChuanSheng | Tencent |
| Congdon | Paul | Huawei |
| de la Oliva | Antonio | InterDigital |
| gaofeng | gaofeng | no |
| Gu | Rong | China Mobile |
| GUO | LIANG | CAICT |
| JiZhuang | Zhao | China Telecom |
| KOTO | Hajime | NICT |
| Krieger | Ann | US Department of Defense |
| Liu | Jun | Cisco |
| Liyang | Sun | Huawei |
| Marks | Roger | Huawei; EthAirNet Associates |
| Maruhashi | Kenichi | NEC |
| McMillan | Larry | Western Digital |
| Nikolich | Paul | self plus 802 chair affiliations |
| Qingchun | Song | Mellanox |
| Qingchun | Song | ODCC |
| Qiu | Wei | Huawei |
| Riegel | Max | Nokia |
| Tang | Guangming | Meituan |
| Wang | Shaopeng | CAICT |
| Zein | Nader | NEC Europe - NLE |

The Chair also noted Glenn Parsons (Ericsson) and Hiroki Nakano (Kyoto University) indicated on the teleconference facility.

## Nendica

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

Roger Marks wrote the minutes.

**18 Marks 2020 09:00 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>,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 2020-02-20.

**Motion**: “To approve the following minutes document: 802.1-20-0020-00 (2020-02-20)”.

Moved: Nikolich

 Second: Condgon

 Approved: without objection

**FFIoT**

The Chair reported on the current IEEE 802.1 ePoll to confirm the approval of 802.1-19-0026-06 as a Nendica Report and process it for publication, subject to editorial revision. It was indicated that the current results were 30/2/11, with the ePoll closing at 2020-03-19 (ET). 802.1 WG Chair Parsons confirmed that ePoll responses may include comments but these will not be explicitly addressed by the WG.

**Proposed New Work Items**

Marks and Parsons indicated that no comments had been received regarding the Proposed New Work Items and that the deadline (2020-03-17, 18:30 ET) had passed.

**Network Stream and Flow Interworking**

Marks briefly reviewed “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).

**Motion**: “To confirm forwarding IEEE 802 Nendica Work Item Proposal: Network Stream and Flow Interworking (802.1-20-0004-04) for approval by 802.1”.

Moved: Zein

 Second: de la Oliva

 Approved: without objection

**Data Center Networking**

Marks briefly reviewed “IEEE 802 Nendica Work Item Proposal: Revision of “The Lossless Network for Data Centers” ([802.1-20-0002-02-ICne](https://mentor.ieee.org/802.1/dcn/20/1-20-0002-02-ICne.pdf)).

Congdon presented “Outline of proposed new work item on The Intelligent Lossless Data Center Network” ([802.1-20-0022-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0022-00-ICne.pptx)).

Song presented “Programmable SmartNIC” ([802.1-20-0021-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0021-00-ICne.pptx)).

**Motion**: “To confirm forwarding Revision of “The Lossless Network for Data Centers” (802.1-20-0002-02) for approval by 802.1”.

Moved: Congdon

 Second: Nikolich

 Approved: without objection

**Study Item: Managed LAN as a Service [MLaaS]**

Wei Qiu reviewed the report ([802.1-20-0008-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0008-00-ICne.pptx)) presented in January. The plan therein remains active, with a target of initiating a Work Item in July.

**Future meetings/teleconferences**

It was agreed that to cancel the teleconference scheduled for tomorrow (2020-03-19 ET) since the agenda for both meetings had been completed.

The face-to-face session planned for Pasadena (at the IEEE 802.1 the week of 2020-05-18) was noted.

It was agreed to schedule a teleconference of 2020-04-02 (09:00 ET) with a focus on the data center Work Item and a teleconference of 2020-04-09 (09:00 ET) with a focus on the flows and streams Work Item, in both cases presuming that the Work Items are initiated by the 802.1 WG by ePoll. On a longer basis, it is generally expected that Nendica teleconferences will take place weekly, alternating between the two topics; those plans will be finalized during the two scheduled teleconferences.

**A.O.B.**

None.

**Adjournment**

The meeting was adjourned at 11:00 ET.

**Annex: Approved Agenda**

| **Topic** | **Subtopic** | **Subtopic Detail** | **Doc/Link** | **Type\*** | **Lead** |
| --- | --- | --- | --- | --- | --- |
| Information | Locations |   | teleconference only [[connect to https://join.me/Nendica802](https://join.me/Nendica802)] |   |   |
|   | Meeting 1 | [2020-03-18 09:00 (2 hours)](https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20200318T0900&p1=179&ah=2) |   |   |   |
|   | Meeting 2 | [2020-03-19 09:00 (2 hours)](https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20200319T0900&p1=179&ah=2) |   |   |   |
|   |   | Note: Meeting open to anyone |   |   |   |
| Opening | Call to Order |   |   |   |   |
|   | Identify secretary |   |   |   |   |
|   | Introductions |   |   | I |   |
|   | Guidelines for IEEE-SA Meetings |   | [Guidelines for IEEE-SA Meetings](https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf) | I |   |
|   | 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 |   |
|   | IEEE 802 Participation |   | [IEEE 802 Participation slides](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pdf) | I |   |
|   | IEEE ICCOM requirements |   | [IEEE ICCOM requirements](https://1.ieee802.org/802-nendica/ieee-iccom-requirements/) | I |   |
|   | Nendica Procedures |   | [Nendica Procedures](https://1.ieee802.org/802-nendica/ieee-802-nendica-procedures/) | I |   |
| Agenda Review | any modifications to the draft agenda | To approve the agenda as displayed |   | V |   |
| Update |   |   |   | I |   |
|   | Nendica Web Site |   | [Nendica Web Site](https://1.ieee802.org/802-nendica) | I |   |
|   | Nendica Mentor Server |   | [Nendica Mentor Server](https://mentor.ieee.org/802.1/documents?is_group=ICne) | I |   |
|   | Membership: none |   |   | I |   |
|   | Attendance | Register attendance and affiliation | [Log Attendance here](https://forms.zohopublic.com/virtualoffice15133/form/RSVP/formperma/sR48N3urdRWNU4-HXPJcQB4T27Zdn9dO1Qs4TkDQnXc) | I |   |
|   |   |   |   |   |   |
| Minutes |   |   |   |   |   |
|   |   |   |   |   |   |
|   |   |   |   |   |   |
|   |   | To approve the following minutes document: 802.1-20-0020-00 (2020-02-20) | [802.1-20-0020](https://mentor.ieee.org/802.1/dcn/20/1-20-0020-00-ICne.docx) | A |   |
|   |   |   |   |   |   |
| Work Items |   |   |   |   |   |
|   | [Flexible Factory IoT (FFIoT)](https://1.ieee802.org/802-nendica/nendica-ffiot/) | Report |   | I | Nader Zein |
|   |   | Current IEEE 802.1 ePoll ballot to confirm the approval of 802.1-19-0026-06 as a Nendica Report and process it for publication, subject to editorial revision | Ballot in progress, through 2020-03-19 (ET); stands at 29/2/10 as of 2 days before closing | I |   |
| Proposed New Work Items |   |   |   |   |   |
|   |   | IEEE 802 Nendica Work Item Proposal: Network Stream and Flow Interworking | [802.1-20-0004-04](https://mentor.ieee.org/802.1/dcn/19/1-20-0004-04-ICne.pdf) (or newer revision) |   | Marks |
|   |   |   | consider comments received (note: no comments identified following deadline of 2020-03-17 18:30 ET) |   |   |
|   |   | Possible Motion:To confirm forwarding IEEE 802 Nendica Work Item Proposal: Network Stream and Flow Interworking (802.1-20-0004-04) for approval by 802.1. |   | A |   |
|   |   |   |   |   |   |
| Proposed New Work Items |   |   |   |   |   |
|   |   | IEEE 802 Nendica Work Item Proposal:Revision of “The Lossless Network for Data Centers” | [802.1-20-0002-02](https://mentor.ieee.org/802.1/dcn/20/1-20-0002-02-ICne.pptx) (or newer revision) |   |   |
|   |   |   | consider comments received (note: no comments identified following deadline of 2020-03-17 18:30 ET) |   |   |
|   |   | Contribution: "Outline of proposed new work item on The Intelligent Lossless Data Center Network" | [802.1-20-0022-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0022-00-ICne.pdf) |   | Paul Congdon |
|   |   | Contribution: "Programmable SmartNIC" | [802.1-20-0021-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0021-00-ICne.pptx) |   | Qingchun Song |
|   |   | Possible Motion:To confirm forwarding Revision of “The Lossless Network for Data Centers” (802.1-20-0002-02) for approval by 802.1. |   | A |   |
| Study Items |   |   |   |   |   |
|   | [Study Item: Managed LAN as a Service [MLaaS]](https://1.ieee802.org/802-nendica/nendica-mlaas/) | Report | [802.1-20-0008-00](https://mentor.ieee.org/802.1/dcn/20/1-20-0008-00-ICne.pptx) | D | Wei Qiu |
| Future Meetings |   |   |   |   |   |
|   |   | in-person: Pasadena (IEEE 802.1 Interim) Week of 2020-05-18 | Need to set meeting slots | I,D |   |
|   |   | Warsaw (IEEE 802 Wireless Interim) Week of 2020-05-11 (probably to be cancelled) | Need to decide whether to cancel | A |   |
|   |   | in-person: Montreal (IEEE 802 Plenary) Week of 2020-07-14 |   | 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" | Need to set an initial schedule. | I,D |   |
| New Business |   |   |   |   |   |
|   |   | Any other business |   | I,D |   |
| Adjournment |   |   |   |   |   |
|   |   | \*I=Information D=Discussion A=Action V=Vote/Decision |   |   |   |