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| Minutes, Nendica Meeting, 2018-11-07 |
| **Date: 2018-11-13** |
| **Author(s):** |
| **Name** | **Affiliation** | **Phone** | **email** |
| Hao Wang | Fujitsu |  | wangh@cn.fujitsu.com |

## Abstract

Minutes of the IEEE 802 Network Enhancements for the Next Decade Industry Connections Activity (Nendica) teleconference of 07 November 2018.

## Background

As previously agreed in the 11 September Nendica meeting, a Nendica teleconference meeting was scheduled for 07 November, 09:00 ET. The announced venue was <<https://join.me/Nendica802>>.

## Call to order

The audio connection began at 09:00 ET. Chair called the meeting to order at 09:05 when the video display was operational.

Hao Wang volunteered to record the minutes.

Chair announced the mandatory IEEE-SA guidelines and IEEE 802 meeting participation rules. He also reviewed some IEEE ICCOM requirements, as embedded in the agenda.

## Agenda

Chair proposed the draft agenda, precirculated and posted at <<https://1.ieee802.org/802-nendica/agenda-ieee-802-nendica-telecon/>> and reproduced below. The agenda was approved, and Chair indicated the group to mark attendance by filling out the online form.

## Update

Chair reminds the group of joint workshop between IEEE and IETF on Nov.10th, and the Nendica LLDCN presentation during that workshop.

## Minutes and Reports

Chair reviewed the minutes of Nendica call of 25th October 2018:

* <https://mentor.ieee.org/802.1/dcn/18/1-18-0062-00-ICne-minutes-of-nendica-meeting-of-2018-10-25.docx>

There were no comments on this document. Minutes were approved.

## Work Items

• Lossless Data Center Networks (LLDCN)

No update for the call.

• Flexible Factory IoT (FFIOT)

Chair explains the following updated database including the comment resolutions from [802.1-18-0054-06](https://mentor.ieee.org/802.1/dcn/18/1-18-0054-06-ICne-ffiot-proposed-resolution-editorial-comments.xlsx) and the comments embedded in 802.1-18-0051-00:

* https://mentor.ieee.org/802.1/dcn/18/1-18-0052-02-ICne-consolidated-ffiot-comments.xlsx

The group discussed Figure 1 regarding the age of machines and the implication from the machine (with sensors) to the network. One important fact in the factory is that newly deployed tech is always integrated with the old ones. As a result, the introduction will be amended to address the deployment issues in factory. Separately, the meaning of ‘flexible’ was discussed and should be clarified. Kenichi Maruhashi is willing to take the task and propose the remedy.

Re comment #29, Chair suggested to add explanations in introduction on the motivation to deploy L2 network connected by bridges in factories, and how wireless has not well been supported, eventually the advanced TSN capabilities in modern bridges should be addressed as well. Chair offers to coordinate with Hao Wang and together propose the remedy.

The group agreed to refine the scope and purpose when the contents become more stable.

The latest results of the discussions and resolutions are captured in 802.1-18-0052-03,

* https://mentor.ieee.org/802.1/dcn/18/1-18-0052-03-ICne-consolidated-ffiot-comments.xlsx

## Potential New Work Items

• None

## Future Meetings

The next Nendica F2F meeting will be held on Nov. 13 at 19:00 local time.

Nendica authorization will expire in March 2019. If it is to be renewed, Nendica agreements on a proposed extension will be required at the January 2019 session.

Regarding the January meeting, the wireless interim will be held the same week as 802.1 interim. The Nendica group will run a teleconference between both sites. Chair will coordinate with OmniRAN Chair to set up the connection.

## Conclusion

The meeting was adjourned at 11:05 ET.

## Attendance

Participation was recorded by filling up the online form provided by a link in the agenda. The resulting attendance log is represented below.

|  |  |  |
| --- | --- | --- |
| **Name (Family)** | **Name (Given)** | **Affiliation** |
| Marks | Roger | Huawei |
| Zein | Nader | NEC Europe - NLE |
| Maruhashi | Kenichi | NEC |
| Wang | Hao | Fujitsu |
| KOTO | Hajime | NICT |
| Weber | Karl | Beckhoff |
| ohue | Hiroshi | Panasonic |

## Agenda

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| 52-Agenda-Nendica-Teleconference-2018-11-07 |
| **Topic** | **Subtopic** | **Subtopic Detail** | **Doc/Link** | **Type\*** | **Lead** | **min** |
| **Information** | Date/time |   | [<a href="https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20181107T09&p1=179&ah=2">2018-11-07, 09:00-11:00 ET</a>](https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20181107T09&p1=179&ah=2) |   |   |   |
|  | [join.me connection link](http://join.me/) | Note: Meeting open to anyone interested | [<a href="https://join.me/Nendica802">https://join.me/Nendica802</a>](https://join.me/Nendica802) |   |   |   |
| **Opening** | Call to Order | Nendica Meeting Overview |   | I | Marks | 2 |
|  | Identify secretary |   |   |   |   | 1 |
|  | Introductions |   |   | I |   | 1 |
|  | [<a href="https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf">Guidelines for IEEE-SA Meetings</a>](https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf) |   |   | I |   | 3 |
|  | [<a href="https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pptx">IEEE 802 Participation</a>](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pptx) |   |   | I |   | 1 |
|  | [<a href="https://1.ieee802.org/802-nendica/ieee-iccom-requirements/ ">IEEE ICCOM requirements</a>](https://1.ieee802.org/802-nendica/ieee-iccom-requirements/) |   |   | I |   | 1 |
| **Agenda** | any modifications to the Agenda | Motion: To approve the agenda as displayed. |   | V |   | 1 |
| **Update** | [<a href="https://1.ieee802.org/802-nendica">Nendica Web Site</a>](https://1.ieee802.org/802-nendica) |   |   | I |   | 0 |
|  | [<a href="https://mentor.ieee.org/802.1/documents?is\_group=ICne">Nendica Mentor Server</a>](https://mentor.ieee.org/802.1/documents?is_group=ICne) |   |   | I |   | 2 |
|  | Membership: none |   |   | I |   | 0 |
|  | Attendance | [<a href="https://forms.office.com/Pages/ResponsePage.aspx?id=rxP5CJot\_Uq-JmG5No1M0LV6oY5k9-RPr7c6vZe3D-pUQjNJWEk2V1ZNVkhFTzRMR1VYN0pQV0w3RC4u">Log Attendance here</a>](https://forms.office.com/Pages/ResponsePage.aspx?id=rxP5CJot_Uq-JmG5No1M0LV6oY5k9-RPr7c6vZe3D-pUQjNJWEk2V1ZNVkhFTzRMR1VYN0pQV0w3RC4u) | [<a href="https://tinyurl.com/yd2cnw8p">See attendance log</a>](https://tinyurl.com/yd2cnw8p) | I |   | 1 |
|  |   |   |   |   |   |   |
|  |   | Motion: To approve IEEE 802.1-18-0062-00 as the minutes of the Nendica meeting of 2018-10-25 | [<a href="https://mentor.ieee.org/802.1/dcn/18/1-18-0062-00-ICne.docx">IEEE 802.1-18-0062-00</a>](https://mentor.ieee.org/802.1/dcn/18/1-18-0062-00-ICne.docx) | V |   | 1 |
| **Work Items** |   |   |   |   |   |   |
|  | Lossless Data Center Networks (LLDCN) | Publication status and dissemination | [<a href="https://mentor.ieee.org/802.1/dcn/18/1-18-0035-01-ICne.pdf">IEEE 802.1-18-0035-01</a>](https://mentor.ieee.org/802.1/dcn/18/1-18-0035-01-ICne.pdf) | I |   | 3 |
|  | Flexible Factory IoT (FFIOT) | Continuation of comment resolution | [<a href="https://mentor.ieee.org/802.1/dcn/18/1-18-0052-02-ICne.xlsx">IEEE 802.1-18-0052-02</a>](https://mentor.ieee.org/802.1/dcn/18/1-18-0052-02-ICne.xlsx) | I,D | Zein | 75 |
|  |   | Plans |   | D |   | 5 |
| **Potential new Work Items** |   |   |   | D |   | 5 |
| **Future Meetings** |   |   |   | I,D |   | 5 |
|  |   | Bangkok: Tuesday 2018-11-13, 19:30-21:30; possibly additional slots during the week? | [<a href="https://1.ieee802.org/802-nendica/agenda-ieee-802-nendica-meeting/">agenda</a>](https://1.ieee802.org/802-nendica/agenda-ieee-802-nendica-meeting) | I,D |   | 5 |
|  |   | St. Louis: 2019-01-15, 19:30; connection to IEEE 802.1 Interim (Hiroshima, 2019-01-16 10:30) |   | I,D |   | 1 |
| **New Business** |   |   |   |   |   |   |
|  |   | Any other business |   | I,D |   | 5 |
| **Adjournment** |   |   |   |   |   |   |
|  |   | \*I=Information D=Discussion A=Action V=Vote |   |   |   | 118 |