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| Draft Minutes, Nendica Meeting, 2018-12-13 |
| **Date: 2018-12-17** |
| **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 13th December 2018.

## Background

As previously agreed, a Nendica teleconference meeting was scheduled for 13th December, 09:00 ET. The announced venue was <<https://join.me/Nendica802>>.

## Call to order

Chair called the meeting to order at 09:00 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.

## Minutes and Reports

The minutes of July face-to-face meeting were reviewed and approved, without objection.

* <https://mentor.ieee.org/802.1/dcn/18/1-18-0080-00-ICne-minutes-of-the-ieee-802-nendica-meeting-of-2018-07-9-10.docx>

The group reviewed the minutes of Nendica conference call of 29th November 2018:

* <https://mentor.ieee.org/802.1/dcn/18/1-18-0084-00-ICne-minutes-of-nendica-meeting-of-2018-11-29.docx>
* There are no comments, and minutes are approved, without objection.

Paul Congdon led the group to review the minutes of IETF/IEEE joint workshop held on 10th Nov on Data Center Networks, and proposed the following motion.

* Motion: To approve IEEE 802.1-18-0083-00 as the minutes of the IEEE 802/IETF workshop on Data Center Networks on 2018-11-10.
* Proposed by Paul Congdon, Second by Hao Wang;
* Motion was approved without objection.

## Work Items

• Lossless Data Center Networks (LLDCN)

Chair indicates the publicity status of the Nendica project.

* Chair called attention to the IEEE-SA announcement at: <https://beyondstandards.ieee.org/networking/laying-the-foundation-for-the-lossless-data-center/>
* The contents are based on the Nendica contribution
	+ <https://mentor.ieee.org/802.1/dcn/18/1-18-0075-00-ICne.docx>
* Chair indicates that there will be some follow-up activity and the publicity may draw interest from other organizations.

Paul talked about other aspects of the joint workshop:

* It was suggested to document the relationship between IEEE and IETF standard on Data Center Networks; this is a potential activity within Nendica which allows IETF participants join freely;
* Initial proposal has been circulated among group leadership, but no affirmative response has been received yet;
* The IETF-IEEE coordination meeting may be a good channel to push things forward;
* Any intentions could be incorporated into the Nendica ICAID, which needs be renewed by March 2019, as addressed in a later agenda item.

• Flexible Factory IoT (FFIOT)

Nader Zein, editor of FFIOT paper, took the role and led the group to continue the comment resolution at 09:30.

Starting from comment #184, Editor proposed to defer the resolution until Figure 9 and the associated texts are amended.

Re #185, it should indicate the source and the way to get access to the source.

Re #186, the contents in Figure 10 should keep aligned with the information in Table 1.

Maruhashi-san is willing to amend figure 10 to align with table 1 by the next conference call.

Re #188, the control-type application usually requires bi-directional communication. The proposed resolution was accepted.

Re #196, further explanation is needed on why 920Mhz band devices is useful for low power applications. Editor will provide the appropriate resolution.

Re #199, Karl Weber will work with the editor and provide some use cases in factory which require less than 10ms latency, even down to 1ms.

Re #201, 202, due to time limits of the call, editor proposed to work offline with the commentor for resolution.

The progress of comment resolution is also captured in the consolidated comment data base.

* https://mentor.ieee.org/802.1/dcn/18/1-18-0052-07-ICne-consolidated-ffiot-comments.xlsx

## Potential New Work Items

• None

## Future Plans

• Revision and extension of ICAID

Chair led the group to review his proposed draft of a renewed ICAID, and highlighted the revisions:

<https://mentor.ieee.org/802.1/dcn/18/1-18-0079-00-ICne-icaid-extension-and-revision-proposed-draft.docx>

Chair also encouraged the group to comment on this document or submit alternative proposals.

Nendica group will seek to finalize the document in January face-to-face meeting and submit to 802.

## Future Meetings

It was agreed, without objection, to change the next Nendica conference call meeting to Jan. 04th at 09:00 ET. The group was reminded that the subsequent meeting is Jan. 09th at 09:00 ET.

## Conclusion

The meeting was adjourned at 11:00 ET.

## Attendance

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

|  |  |  |
| --- | --- | --- |
| **Name, Family (“last name”)** | **Name, Given (“first name”)** | **Affiliation** |
| Maruhashi | Kenichi | NEC |
| Zein | Nader | NEC Lab Europe |
| Koto | Hajime | NICT |
| Roger  | Marks | Huawei |
| Wang  | Hao | Fujitsu |
| Ohue | Hiroshi | Panasonic |
| Weber | Karl | Beckhoff |
| Congdon | Paul | Huawei |
| Canchi | Radhakrishna | Kyocera International Inc |

## Agenda

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| --- | --- | --- | --- | --- | --- | --- |
| **Topic** | **Subtopic** | **Subtopic Detail** | **Doc/Link** | **Type\*** | **Lead** | **min** |
| Information | Date/time |  | [2018-12-13, 09:00-11:00 ET](https://www.timeanddate.com/worldclock/fixedtime.html?msg=Nendica+Teleconference&iso=20181213T09&p1=179&ah=2) |  |  |  |
|  | join.me connection link | Note: Meeting open to anyone interested | <https://join.me/Nendica802> |  |  |  |
| Opening | Call to Order | Nendica Meeting Overview |  | I | Marks | 2 |
|  | Identify secretary |  |  |  |  | 1 |
|  | Introductions |  |  | I |  | 1 |
|  | [Guidelines for IEEE-SA Meetings](https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf) |  |  | I |  | 3 |
|  | [IEEE 802 Participation](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180.pptx) |  |  | I |  | 1 |
|  | [IEEE ICCOM requirements](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 | [Nendica Web Site](https://1.ieee802.org/802-nendica) |  |  | I |  | 0 |
|  | [Nendica Mentor Server](https://mentor.ieee.org/802.1/documents?is_group=ICne) |  |  | I |  | 2 |
|  | Membership: none |  |  | I |  | 0 |
|  | Attendance | [Log Attendance here](https://forms.office.com/Pages/ResponsePage.aspx?id=rxP5CJot_Uq-JmG5No1M0LV6oY5k9-RPr7c6vZe3D-pUQjNJWEk2V1ZNVkhFTzRMR1VYN0pQV0w3RC4u) | [See attendance log](https://tinyurl.com/yd2cnw8p) | I |  | 1 |
| Minutes |  | Motion: To approve IEEE 802.1-18-0080-00 as the minutes of the Nendica meeting of 2018-07-9/10 | [IEEE 802.1-18-0080-00](https://mentor.ieee.org/802.1/dcn/18/1-18-0080-00-ICne.docx) | V |  |  |
|  |  | Motion: To approve IEEE 802.1-18-0084-00 as the minutes of the Nendica meeting of 2018-11-29 | [IEEE 802.1-18-0084-00](https://mentor.ieee.org/802.1/dcn/18/1-18-0084-00-ICne.docx) | V |  | 1 |
|  |  | Minutes of the Minutes of the IEEE 802/IETF Data Center Networks Workshop of 2018-11-10 | [IEEE 802.1-18-0083-00](https://mentor.ieee.org/802.1/dcn/18/1-18-0083-00.pdf) | I |  |  |
| Work Items |  |  |  |  |  |  |
|  | Lossless Data Center Networks (LLDCN) | Publicity status | [IEEE 802.1-18-0075-00](https://mentor.ieee.org/802.1/dcn/18/1-18-0075-00-ICne.docx) | I | Marks | 3 |
|  | Flexible Factory IoT (FFIOT) | Continuation of comment resolution | [IEEE 802.1-18-0052-05](https://mentor.ieee.org/802.1/dcn/18/1-18-0052-05-ICne.xlsx) | I,D | Zein | 75 |
|  |  | Plans |  | D |  | 5 |
|  | Potential new Work Items |  |  | D |  | 5 |
| Future Plans | Revision and extension of ICAID |  | [IEEE 802.1-18-0079-00](https://mentor.ieee.org/802.1/dcn/18/1-18-0079-00.docx) | D |  | 5 |
| Future Meetings |  | Teleconferences |  | 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 |
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