



Min Yu &lt;myu@linuxfoundation.org&gt;

---

## Minutes from the OPNFV End User Advisory Group call (August 16, 2017)

1 message

---

**Min Yu** <myu@linuxfoundation.org>

Thu, Aug 17, 2017 at 9:00 PM

To: opnfv-enduser-advisory-group@lists.opnfv.org

**Attendees:** Brian Smith, Bryan Sullivan, Don Clarke, Guy Meador, Herbert Damker, Kazuaki Obana, Karim Rabie, Kenichi Ogaki, Michael Bugenhagen, Morgan Richomme, Randy Levensalor, Steven Wright, Tapio Tallgren, Tetsuya Nakamura

Joining from The Linux Foundation: Brandon Wick, Heather Kirksey, Ray Paik, Min Yu

### Agenda:

- Assemble/Welcome
- Antitrust Compliance Notice
- EUAG Member Roster
- Review Status of Processing “Pain Point” Inputs
- Using OPNFV Integration to “Defragment” the Industry
- June Survey Follow Up Status
- OPNFV Updates: VCO & Plugfest
- AOB

### Minutes

- There is no membership change since the last call.
- Steven posted the [main agenda items of today's meeting](#) in table format on the wiki. The table, which includes the objectives of the meeting, how to achieve them, preparations ahead of time, and action items, is intended to organize the call in a more structured approach and to make more effective use of attendees' time. Steven welcomed feedback on the format and would like to continue to use it for future calls.
- Randy provided an update about processing “pain points” input.
  - Good discussions were had during the first pain points meeting two weeks ago.
  - Randy is working on a short survey to send out this week mainly to narrow down the top priority pain points. The results will help inform which pain points to center discussions around during the next call. The goal of the discussions is to translate the top pain points into requirements for the technical community to work on for the F and future releases.
  - For the question about testing programs in the survey, Bryan suggested separating efficiency/resiliency from performance as an independent category.
  - Michael suggested adding customer service availability as this would serve as a top down approach to drive feature development. Guy and Randy suggested using “customer-facing network service” as a better term. Steven recommended fleshing out this point a bit more before it can be discussed effectively.
- Don presented on the topic of using OPNFV to defragment the industry.
  - Don argued that the current NFV ecosystem is in a fragmented state, with academia, vendors, end users, industry forums, open source communities, and standards bodies all trying to figure out how to implement NFV.
  - He reiterated that OPNFV was founded to bring order to the chaos by integrating the components defined in the ETSI NFV framework and validating that components of open source and proprietary origins can work together.

- Don emphasized that to avoid fragmentation in the telecom industry, standards are mandated mainly for the need for persistent interoperability in large scale, multi-domain, multi-vendor deployment. Implementers need clear specs to develop interoperable products; end users need clear specs to verify conformance and interoperability. He acknowledged that open source can, and sometimes does, become the de facto standards for interfaces. However, he has doubts whether this is always sustainable. He proposed that open source communities, especially OPNFV, make explicit reference to the common set of foundational specs, like those of the ETSI NFV, to pave the way for developing interoperable solutions.
- Herbert commented that open source is about standardization plus implementation. Don agrees that the scope of these two groups are different, but noted that open source is first and foremost about creating implementation and it may become a standard (e.g. Linux and Bluetooth). Guy noted that they're equally important and should operate on rough consensus (e.g. IETF model).
- Michael questioned the business case for NFV migration. He also noted that the modularity principle would make it difficult to force the ecosystem to conform to a standard. Don sees fragmentation primarily arising from competing open source projects. Despite the efforts that The Linux Foundation is undertaking currently to harmonize networking open source projects under its auspice, it's hard to prevent fragmentation because there are also many open source projects hosted outside of The Linux Foundation.
- Don and Bryan identified interoperability between different open source implementations and interoperability of VNF packages and data formats.
- In regards to OPNFV's role in overcoming fragmentation and increasing interoperability, Don suggested in his presentation that OPNFV make explicit reference to the ETSI NFV specification. Steven thought testing would be a likely logical place to start the reference. Guy encouraged OPNFV to identify roles within OPNFV to coordinate its engagement with standards bodies. Morgan mentioned that Orange and China Mobile presented at the OPNFV Summit on how OPNFV assets can be used in non-OPNFV context.
  - Orange: <https://www.youtube.com/watch?v=NYP1IBNyCwA>
  - China Mobile: <https://www.youtube.com/watch?v=hTJRIO33PBE>
- Steven will work with Brandon on the survey follow-ups, mainly with non-respondents to better understand why they're not as engaged.
- Brandon announced that the next OPNFV Plugfest has been scheduled for December 4-8, 2017 at Intel's Jones Farm campus in Hillsboro, OR. Also, the first plugfest of 2018 will take place after the F-Release, June 4-8, 2018, co-located with ETSI at their campus in Sofia Antipolis, France. Service providers are welcome at both events. Brandon also asked for service providers' participation in evolving the Virtual Central Office (VCO) demo, originally shown at the Summit in Beijing. He will follow up with more details in the near future.

--

Min Yu  
Senior Operations Analyst  
The Linux Foundation  
[+1\(530\) 902-6464](tel:+15309026464) (m)  
[myu@linuxfoundation.org](mailto:myu@linuxfoundation.org)  
Skype: minyudecorah