

Attendees: Ashiq Khan (NTT DOCOMO), Bryan Sullivan (AT&T), Don Clarke (CableLabs), Kazuaki Obana (NTT DOCOMO), Steven Wright (AT&T), Junjie Tong (China Unicom)
Guest: Michael Bugenhagen (CenturyLink)

Also joining from the Linux Foundation: Brandon Wick, David McBride, Min Yu

Agenda

- Antitrust
- Minutes Approval
- EUAG Roster
- Danube Scenarios Overview
- OPNFV Board EUAG Recommendations
- MANO Working Group Update
- Connectivity & Virtualization Association Steering Group
- EUAG Actions Needed
- Meetings Calendar
- AOB

Minutes

- Minutes Approval: Meeting minutes from the last meeting were approved.
- EUAG Roster: Brian Smith from Bell Canada joined the group since the last call.
- Danube Scenarios Overview: David McBride, OPNFV Sr Release Manager
 - A scenario is a collection of components, including installer and configuration, that's continuously integrated with OPNFV development and testing. A scenario is a common method by which OPNFV delivers an end result to the end users but not the only method.
 - A list of scenarios anticipated for the Danube release was presented, including installer support, associated projects, and notes. The list does not include "no-feature scenarios" that are primarily used to validate installer integration. Some projects (e.g. Doctor and Copper) do not rely on scenarios.
 - The current scenario naming convention is changing to a file descriptor format which will be easier to maintain and scale. Whether or not the new naming system will be implemented for the D release is yet to be determined.
 - There are two projects working on MANO: Opera (Open-O integration) and Orchestra (Open Baton integration). They are new and their deployment plans and scenarios are evolving but both have committed to the Danube release.
 - A clarification was made that a scenario also includes a configuration file, which details specifically which components are used and how they are configured. This means, for example, while two scenarios use OpenStack, the configuration file can be used to investigate whether they use the same OpenStack configuration.
 - There was a 15-20% increase in the number of scenarios for the Danube release compared to the Colorado and concern was expressed on the growth of scenarios. There was a suggestion to use the scenario process to drive industry

consolidation. There was also a suggestion for creating a roadmap to cross-reference scenarios, to projects, to releases, etc.

- Responding to feedback on which scenarios are important and interesting to the end users, Don noted the ability to identify faults in a streamlined approach when cable companies migrate to virtualized infrastructure and how to fully automate network deployment, operation, and evolution as the two broad priorities for cable companies. David reminded attendees that not all OPNFV projects are dependent on scenarios and that there may be particular functionalities/features that EUAG members are interested in but are not included in the list he presented.
- Michael commented that users will always develop new variations that developers have not yet thought of and that a “top down” vs. “bottoms up” approach can be useful. Don noted that 2 levels of EUAG feedback (technical & business) would be useful.
- There was consensus that a well constructed, easy-to-understand survey would be a productive method to collect feedback from EUAG members about scenarios. Steven and Brandon will design the survey plan to send ahead of the next EUAG call.
- OPNFV Board EUAG Recommendations
 - The OPNFV Board is interested in the end users’ feedback on OPNFV documentation. Steven recommended including questions on documentation in the scenario survey.
 - The Board recommended that EUAG participate in and reach out to other user groups such as ETSI and OpenStack User Group to maintain awareness between projects and potentially expand EUAG membership.
 - The Board was wondering how to measure EUAG effectiveness. Steven suggested something similar to OpenStack Product Working Group Community Roadmap to demonstrate increasing support for end user priorities over time. Steven will work with the Polestar Working Group on this roadmapping exercise and welcomes other suggestions from members.
- MANO Working Group Update
 - Bryan presented two items that emerged from the recent MANO WG’s meeting.
 - The real-world CI/CD environment will likely use pre-built components and local repos due to security and reliability reasons. Bryan noted that this is currently not addressed or supported by OPNFV.
 - In order to continuously optimize an agile CI/CD pipeline that supports pre-built VIM/NFVI components and applications, there is a need to develop tools and techniques within OPNFV collaboratively.
 - These two items were presented in order to help raise awareness and establish common understanding among multiple groups and to possibly drive consensus and actions for resources. Michael suggested “playbooks” around scenarios might be useful. Bryan will refine the CI/CD pain point and epic statement to encompass these two items on the EUAG’s wiki.

- Connectivity & Virtualization Association Steering Group
 - Michael presented the opportunity to join the new Connectivity and Virtualization Trade Association under the auspices of Broadband Forum (BBF). Their goal is a top-down approach to establish a common framework for buying and selling C&V services and to remove barriers to implementation. It is open to all providers: cloud and telecom, members and non-members of BBF. If interested, please contact Michael or visit BBF's website for details.
- EUAG Actions Needed
 - Please continue to add new pain points, flesh out existing pain points, and create epic statements on the EUAG's wiki.
- Meetings Calendar
 - The last meeting of 2016 will be on December 7.
 - The meeting schedule for the first half of 2017 was shared. There will be a F2F meeting in June at the OPNFV Summit. Options for another F2F in 1H2016 include OpenStack Boston or the Open Networking Summit. A poll will go out to determine preferences and the 1H2017 Calendar will be set by early December.