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Minutes from the OPNFV End User Advisory Group C&C Readout call (October 19, 2016)

1 message

Min Yu <myu@linuxfoundation.org>

Fri, Oct 21, 2016 at 3:35 PM

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

Cc: "Christopher Donley (Chris)" <Christopher.Donley@huawei.com>

Attendees: Bryan Sullivan (AT&T), Gerald Kunzmann (DOCOMO Labs Europe) Guy Meador (Cox), Johan Gustawsson (Telia), Karim Rabie (STC Advisor), Klaus Martiny (Deutsche Telecom), Masanori Miyazawa (KDDI Labs), Morgan Richomme (Orange), Samer Salah (STC Advisor), Steven Wright (AT&T), Tetsuya Nakamura (CableLabs)

Guest Presenter: Chris Donley (OPNFV C&C Committee Chair)

Also joining from the Linux Foundation: Brandon Wick, Heather Kirksey, Ray Paik, Min Yu

- Steven noted that the agenda for today's call was to get an update from the C&C Committee on the Compliance and Verification Program (CVP).
- Heather reminded the EUAG members who are attending the EUAG meeting in Barcelona to RSVP and attend the OPNFV / OpenDaylight evening reception on Tuesday, Oct 25, 19:00 - 21:00. RSVP: <https://www.surveymonkey.com/r/RZKD83B>
- Chris presented the following value propositions for OPNFV and for the testing program:
 - Driving consensus on NFV-ready platform
 - Identifying telco needs and gaps in upstream
 - Ensuring platform interoperability
 - Reducing testing loads for service providers
 - Defining meaningful but not exclusive low bars for OPNFV support
 - Articulating the meaning of the OPNFV brand
- Chris showed that the results of a survey, conducted at the OPNFV Summit in Berlin, echoed the C&C Committee's expectations that compliance/verification testing is important and valuable to the community.
- Chris noted that the CVP is NOT a certification program; instead it's compliance testing tied to OPNFV release's target capabilities and key values. He later commented that compliance testing reflects more accurately the state of the industry and the maturity level of the testing program. One attendee noted that having the testing tools defined and automated seemed to be of higher priority than certification.
- The following timeline for the CVP was presented:
 - Seeking Board approval next week
 - Trial at the December Plugfest
 - Preparing for launch early next year
- Chris noted that the CVP tests software & hardware with the possibility of expanding into MANO and VNFs in the future. A clarification was made that vendors and labs can mix and match hardware equipment and software pieces as long as hardware can be configured based on Pharos specifications and as long as software can exercise key capabilities.
- Chris explained that the tests are testing function--not performance--and that they are not tied to any specific implementations or interfaces. He further explained that this was because OPNFV currently

doesn't have well-defined APIs; but this will change once official OPNFV APIs are defined and documented.

- Chris noted that self-testing is the primary approach, but third party labs are also allowed. He emphasized that the same test scripts will be used both for self-testing and by third party labs.
- The CVP versioning will be tied to OPNFV releases. A question was asked if the CVP release intervals as tied to OPNFV releases may be too frequent. Later Chris commented that versioning may encourage vendors to get their products retested to stay current with the releases. Steven further commented that the frequency with which vendors want their products tested may be tied to the stability of the platform and if there are major functional improvements between releases.
- Chris noted that products that pass the CVP test suites can be labeled as "OPNFV Ready," while products that are built in whole or in part to the OPNFV reference platform but fail to pass the test suites can be labeled as OPNFV "-based" (e.g. OPNFV Colorado-based). He explained that the OPNFV "-based" label is a way to recognize the interest in and support of OPNFV and engagement with the OPNFV community. A concern was raised about the value of having the OPNFV "-based" label since no metrics will be developed against which to evaluate products. A suggestion was made that end users would like to see testing programs that will certify the interoperability or integration of products offered by different vendors. Chris noted that having higher bars and differentiating logos (for example, one for interoperability), are some of the long term goals of the CVP.
- A question was asked regarding which authority grants the labels. Chris explained that the C&C Committee, under the direction of the OPNFV Board of Directors, runs the CVP, while the Dovetail Project creates the test suites with oversight by and approval from the TSC. He further explained that the test results will be submitted digitally and returned to OPNFV for validation before the label is granted.
- A concern was raised regarding the testing coverage. Chris agreed that the first version of the CVP will not capture all the functionalities of the release, but he emphasized that it's important to get the program started and get community consensus and raise the bar as the program matures.
- Chris confirmed that there will be an online repository of the test results for end users to view.
- Chris noted that long-term vision of the CVP includes continuous compliance, adding test tools to CI/CD systems, and asking TSC to document OPNFV APIs and data models.
- The CVP program will be presented to the board for review/approval in Barcelona.

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