

# EUAG 2019-02-12 meeting minutes

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## Agenda:

- Service Orchestration and Implementation Plans Survey - Phil Robb
- OVP program overview - Heather Kirksey
- Open Networking Summit
  - North America - San Jose April 3-5
  - EU - Antwerp September 23-25
    - Planning on face to face EUAG meeting at this ONS (9/24) - details TBD

## EUAG Meeting recordings

## Attendees

LFN - [Jim Baker](#) [Kenny Pauluser-20f1f](#) [Heather Kirksey](#)

Members - [Olivier Augizeau](#) [Ryan Hallahan](#) [Vincent Colas](#) [Beth Cohen](#) [Cecilia Corbi Chuyi Guo](#) [@Dan Scrimpsheer](#) [David Perez Caparros](#) [Herbert Damker](#) [@Javier Ger](#) [Lingli Deng](#) [Rabi Abdel](#) [@zhangrui](#) [Randy Levensalor](#) [Brian Freeman](#)

Guests - [Margaret Chiosi](#) [@zhangrui](#)

## Meeting minutes

### Survey

Survey out from [surveyMonkey](#) - focus on understanding where operators are in complying with ETSI in service orchestration standards. Please respond to the survey if you've not responded already. Reminder will be sent today (2/12)

### OVP program - Heather Kirksey



## OVP EUAG Discussion.pdf

Initial focus on VNF program - providing index of VNFs from OPNFV

Now shifting focus - NFVI/VIM and VNF and includes commercial MANO

Testing - compliance testing for VNFs and NFVI based on standards.

Running instances of NFVI and MANO - VNFs can be trialed

Compliance testing - VNFSDK - focus on TOSCA, VVP - focused on Heat

Validation - OPNFV Dovetail provides the testing framework

Functional testing is the focus on NFVI, compliance testing for the VNF

Yardstick provides the performance benchmarking framework and HA testing

A OVP portal is home for results - created by the Dovetail team

Vision: Build out the portal and populate with NFVI/VIMs

Margret - ask about the value of each of the testing tools

Challenges:

- NFVI has many flavors - many components that can be used to build out the NFVI
- Perhaps the EUAG can steer us toward a more constrained NFVI - driven off profiles
- Validating 3GPP is aspirational, right now the focus is on a minimum of tests
- Want folks to interact with the program and steer it towards highest value

## Priorities

1. VNF Compliance
2. NFVI alignment (align with industry preferences)
3. VNF validation
4. NFVI validation
5. MANO implementation as SUT

What are the mid-term priorities from EUAG?

- perhaps a poll would be a good way to collect this information
- do you agree with the long-term goal?
  - VNF validation is the long term goal
    - Compliance is the immediate term
- Beth - have to start with compliance, then validation
- Margret - Use the table in the poll as a ranked ordering (maybe top 3)
- Lingli - What does alignment mean?
  - Operator agreement to constrain number of choices to make the test space manageable
- Ryan - can we get a crisp definition of all the terms written down as a part of the deck
  - Alignment is not a perfect word - perhaps profiling is a better term
- Lingli - How do we mix open source and commercial?
- Randy - Lead with open source and make infrastructure available for commercial applications

## Q and A

GSMA profile A and B? Rabi - these are defined in the profile  
What is the difference between compliance and validation testing?

- Compliance = assures the SUT complies with a specification or standard (VNF metadata complies with TOSCA requirements)
- Validation = functional testing (does VNF deploy into a environment, does NFVI fail-over and LCM)

Is VNF LCM testing part of validation OR compliance?

- LCM interfaces are insured to be present via compliance
- LCM behaviors are insured by validation

If VNF validation includes LCM, shouldn't ONAP also be included?

- Yes, we want to on-board VNF on live ONAP instances
- Could do the same with OPNFV
- LCM with the orchestration platform - it makes more sense to test the VNF within the context of the orchestration manager

What are the open source projects that are a part of this initiative?

- Docs will be added soon - Dovetail and VNFSDK are currently leading

## Action items

- ☒ Heather to produce a written glossary of terms (validation/compliance/alignment)
- ☒ Heather to send out survey on prioritization

## ONS feedback

- ONS NA week of April 1 - assume many will attend - perhaps both working and social session

## Zoom chat log

07:22:56 From Lingli-CMCC : What is the difference between VNF compliance testing and  
07:23:05 From Lingli-CMCC : validation testing?  
07:31:00 From Lingli-CMCC : This is the confusing point.  
07:31:15 From Lingli-CMCC : VNF RQTS contains the spec  
07:31:19 From Lingli-CMCC : for like  
07:31:23 From Lingli-CMCC : lcn  
07:31:39 From Lingli-CMCC : onboarding, creation, termination  
07:31:56 From Lingli-CMCC : but not the VNF function itself  
07:32:38 From Lingli-CMCC : agreed  
07:33:08 From Brian Freeman AT&T : compliance checks artifacts - validation actually instantiates and confirms it functions as a VNF  
07:33:16 From Herbert Damker (DT) : What actually the abbreviation CVC stands for?  
07:33:46 From Rabi A (Vodafone) : Compliance and Verification Committee  
07:34:01 From Lingli-CMCC : I understand VNF LCM to be part of compliance testing  
07:35:42 From Lingli-CMCC : validation may be validate the VNF is an HSS as expected  
07:36:55 From Lingli-CMCC : ONAP is required to do VNF LCM compliance testing  
07:40:44 From Brian Freeman AT&T : Seems like Operators would want a repeatable and inspectable process for VNF testing that would make it clear a VNF works on a reasonable cloud with ONAP. Not clear NFVI testing is as important to all carriers.  
07:52:49 From Lingli-CMCC : What do you mean by Alignment?  
07:53:44 From Brian Freeman AT&T : I had the same question Lingli  
08:01:20 From Lingli-CMCC : Will be ONS.