OPNFV

End User Advisory Group (EUAG)
Survey Results

February 2017

LINUX FOUNDATION
COLLABORATIVE PROJECTS

EUAG Survey: Executive Summary

The EUAG conducted an initial survey of EUAG members; accordingly, all respondents were **service providers.**

The EUAG survey was open from Jan 5th to Feb 5th and 19 respondents **participated.** The directional survey responses reflect the early maturity of the survey questions and the respondents thinking, and require additional follow up.

A second survey of the EUAG service providers will be developed targeting results to be shared by the OPNFV Summit, June 12-15 in Beijing.

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EUAG Survey Results Summary

- Nearly all respondents are using OPNFV in the lab in some fashion, and in multiple ways, but not yet in production

- Respondents are getting OPNFV information primarily from the wiki & website, but also the mailing lists and developer tools

- Most respondents do not use a specific release; those that do mainly use Colorado

- Fuel is clearly the most used installer, and a clear majority feel there are too many installer options

- Overall, end users don't rank the individual scenarios as very useful to them, with the highest selection, os-odl_l2-bgpvpn-ha, ranking as useful with 30.8% of respondents. The next six highest selections were at 23.1%.

- Danube projects that received the most votes for "very useful," were: Functest (15), Pharos (13), Promise (11), OPNFV Docs (11), and Models (11), ONSNFV (9), and Qtip (8). Note: Doctor was added late to survey but received 3 of 3 "very useful" votes giving it the highest weighted average of 4.0.

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EUAG Survey Results Summary

- Of the projects not participating in Danube, 70.4% want to see DPACC in a future release, followed by Pinpoint (50%), Resource Scheduler (42.9%), and Prediction (42.9%)

- Most respondents (42.1%) feel that OPNFV is bringing "significant value" to the industry. But when asked about value to their company, most (72.2%) said it is bringing "some value". For others, most (50%) build or partner for their own NFV platform, or don't have enough in-house expertise to explore OPNFV

- The most important "pain points" to end users based on number of respondents selecting "very important" are interoperability (14), real-time performance monitoring & fast fault detection (13), resilience at scale (10), security and policy (10), VNF onboarding and deployment / lifecycle management (10), and VM placement optimization (10).

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EUAG Survey Results Summary (Individual Comments)

- Feedback/requests around scenarios, installers, projects:
  - Reducing complexity around scenarios and installers, increasing consistency between installers
  - More focus and convergence on orchestration and MANO projects
  - A DevOps-enabling project infrastructure and working closer with upstreams communities
- Feedback/requests around making participation in the community & evaluation of OPNFV easier:
  - Providing lab resources for evaluation and testing, OPNFV Lab-as-a-service, remote access to run OPNFV demos of scenarios, end user education and training
  - An easy to deploy, complete reference implementation; ability to swap SDN controllers on the fly
  - Better wiki and documentation around scenarios, consider non-open source best-practices
- Feedback/requests on what else is desired from OPNFV:
  - Explicit compliance with SDOs
  - Real-world open source VNFs for mobile, production-ready releases, practical deployments
  - More commitments from members, more contributor diversity

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EUAG Survey Results: Key Q&A

How does your company use OPNFV? (check all that apply)

Answer Options	Response Percent	Response Count
To input requirements	63.2%	12
Lab evaluation of OPNFV reference platform	57.9%	11
Lab evaluation of VNFs	15.8%	3
To focus effort on upstream development (e.g. OpenStack)	47.4%	9
To help validate and/or identify gaps in NFV foundation	52.6%	10
Does not currently use OPNFV	10.5%	2
Other (please specify)	10.5%	2
answered question		19
skipped question		0

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EUAG Survey Results: Key Q&A

Which OPNFV release are you currently using? (check all that apply)		
Answer Options	**Response Percent**	**Response Count**
Brahmaputra (March 2016)	15.8%	3
Colorado (September 2016)	36.8%	7
Danube (pre-release)	0.0%	0
None	47.4%	9
Other (please specify)	5.3%	1
	answered question	19
	skipped question	0

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EUAG Survey Results: Key Q&A

Which installer(s) do you use or plan to use? (check all that apply)		
Answer Options	Response Percent	Response Count
Apex/TripleO/RDO	25.0%	4
Fuel	62.5%	10
Joid	6.3%	1
Compass	12.5%	2
Daisy	6.3%	1
None	25.0%	4
	answered question	16
	skipped question	3

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EUAG Survey Results: Key Q&A

Which of the following projects do you want to see participating in future release? (check all that apply). For detailed project descriptions, please see:
https://wiki.opnfv.org/display/PROJ/Approved+Projects

Answer Options	Response Percent	Response Count
Resource Scheduler	42.9%	6
Prediction (Data Collection for Failure Prediction)	42.9%	6
DPACC (Data Plane Acceleration)	71.4%	10
Genesis (General System Install Services)	7.1%	1
Pinpoint (Fault Localization)	50.0%	7
Policy Test	28.6%	4
Cperf (SDN Controller Performance)	21.4%	3
Other (please specify)	7.1%	1
answered question		14
skipped question		5

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EUAG Survey Results: Key Q&A

If you chose 'Not Much' for any of the above, what is the reason? (select all that apply):		
Answer Options	**Response Percent**	**Response Count**
We build or partner for our NFV platform	50.0%	6
We build from trunk, not stable releases	8.3%	1
OPNFV is missing key features	16.7%	2
OPNFV is too hard to deploy/use	8.3%	1
We do not have enough expertise in-house to explore	50.0%	6
OPNFV is missing a continuous release option (to continually	0.0%	0
Other	25.0%	3
	answered question	12
	skipped question	7

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