

Linux Foundation Networking

Heather Kirksey, VP Ecosystem &
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 THE **LINUX** FOUNDATION

Linux Foundation Overview





The Linux Foundation is creating the **greatest shared technology investment in history** by enabling open source collaboration across companies, developers, and users.

Today the Linux Foundation is much more than Linux



Security

We are helping global privacy and security through a program to encrypt the entire internet.



Networking

We are creating ecosystems around networking to improve agility in the evolving software-defined datacenter.



Cloud

We are creating a portability layer for the cloud, driving de facto standards and developing the orchestration layer for all clouds.



Automotive

We are creating the platform for infotainment in the auto industry that can be expanded into instrument clusters and telematics systems.



Blockchain

We are creating a permanent, secure distributed ledger that makes it easier to create cost-efficient, decentralized business networks.



Web

We are providing the application development framework for next generation web, mobile, serverless, and IoT applications.



HYPERLEDGER



We are regularly adding projects; for the most up-to-date listing of all projects visit [tlfprojects.org](https://www.linuxfoundation.org/projects)

What is LF's role in projects?

Governance and Membership	<ul style="list-style-type: none">• Incorporation, Tax status, Bylaws, Member Agreements, Anti-trust, etc.• Ongoing business development and membership recruitment
Development Process	<ul style="list-style-type: none">• Technical Decision Making• Project Life Cycle• Release Process
Infrastructure	<ul style="list-style-type: none">• Custom infrastructure using open source best practices• Security and reliability
Ecosystem Development	<ul style="list-style-type: none">• Marketing• Events• Training
IP Management	<ul style="list-style-type: none">• Code Provenance• Trademark management• Legal defense and Collaboration

It Pays to Give Back



It is a competitive advantage for companies to allow developers to contribute.

"New research by Assistant Professor Frank Nagle, a member of the Strategy Unit at Harvard Business School, shows that paying employees to contribute to such software boosts the company's productivity from using the software by as much as 100 percent, when compared with free-riding competitors."

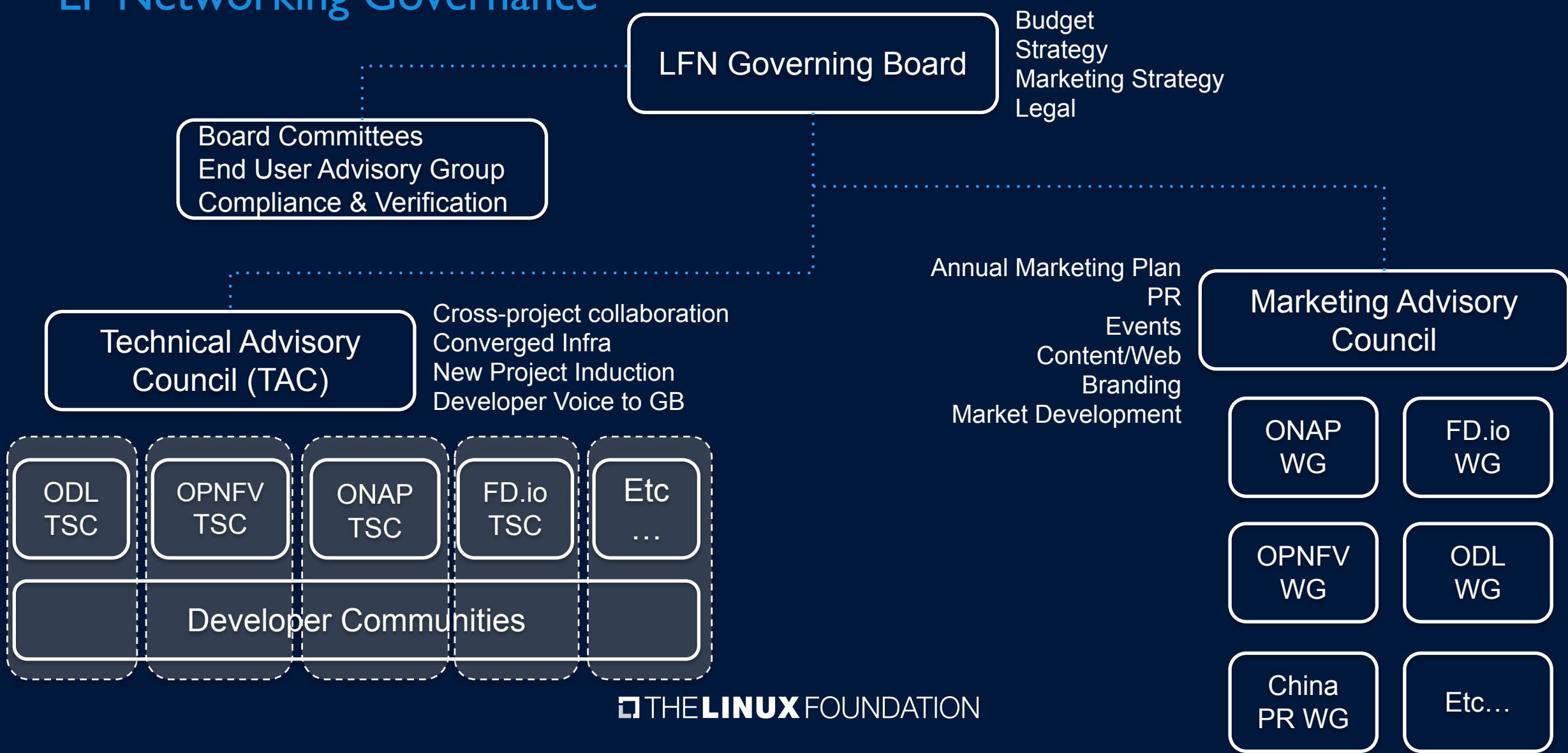
<https://hbswk.hbs.edu/item/the-hidden-benefit-of-giving-back-to-open-source-software>

LF Networking Project Umbrella





LF Networking Governance



Linux Foundation Networking Staff

Leadership

- Arpit Joshipura, General Manager, Networking
- Mike Wooster, Chief Revenue Officer
- Heather Kirksey, VP Ecosystem and Community

Marketing

- Jill Lovato, Head of PR
- Brandon Wick, Head of Marketing
- Emily Ruff, LFN Event Support

Technical Operations

Casey Cain - Technical Program Manager

OpenDaylight, PNDA, Tungsten Fabric, New Member Management, LFN Webstore, Meetup Admin, TAC

ccain@linuxfoundation.org

Trishan de Lanerolle - Technical Program Manager

FD.io, SNAS.io, OPX, ORAN-SC*, DANOS*, DENT*, DPDK*, OvS*, FRR*, LFN Internships, Academic Outreach

tdelanerolle@linuxfoundation.org

David McBride - Sr Technical Release Manager

ONAP Release, OPNFV Release, LFN Analytics

dmcbride@linuxfoundation.org

Kenny Paul - Technical Program Manager

ONAP, LFN Governing Board, Strategic Planning & Finance Committee support

kpaul@linuxfoundation.org

Louis Illuzzi - Program Manager

New Project Onboarding

lilluzzi@contractor.linuxfoundation.org

Min Yu - Operations Manager

Member Onboarding and Engagement, Internships, Business and Member operations

myu@linuxfoundation.org

Jim Baker - Technical Program Manager

OPNFV, EUAG & CVC support

jbaker@linuxfoundation.org

There are lots of ways to get involved!



Join TSC calls
and subscribe to
project mailing
lists



Attend Hackfests,
Plugfests and
developer events



Contribute to
release
documentation



Provide your
deployment
feedback through
the EUAG



Search for Open
Bugs, or Report a
New One, in the
project JIRAs



Start or join a
local OSN User
Group [Meetup](#)



Define compliance
and verification
test cases



Review and
submit code
patches

First a little bit about LF Networking Marketing

**News Sharing
&
Promotion**

**Participate in
Community
Demos and
PoCs**

**Use Cases, Case
Studies,
Deployment
Insight**

**Events –
Speaking and
Attending**

You're Ready to Contribute Code



Get to know the Neighbors



DO

- › Get to know your community as people
- › Subscribe to mailing lists, IRC channels, attend meetings
- › Ask Questions
- › Listen, Listen, Listen
- › Offer to help with non-technical tasks

DON'T

- › Forget to RTFM
- › Assume your way is a better way
- › Be Rude
- › Be intimidated
- › Be seen as pushing a corporate agenda



Upstream First

But Beware of Bears



DO

- › Involve the community in feature design
- › Explain your motivations/use case
- › Submit code in small patches
- › Expect to spend time teaching others your code
- › Take feedback
- › Review others' code
- › Be Respectful

DON'T

- › Drop huge patches and expect them to be integrated
- › Don't drop "drive by code"
- › Replicate something that already exists
- › Make your code the community's problem
- › Treat the Release Manager like your personal resource
- › Take feedback personally
- › Focus only on your feature code

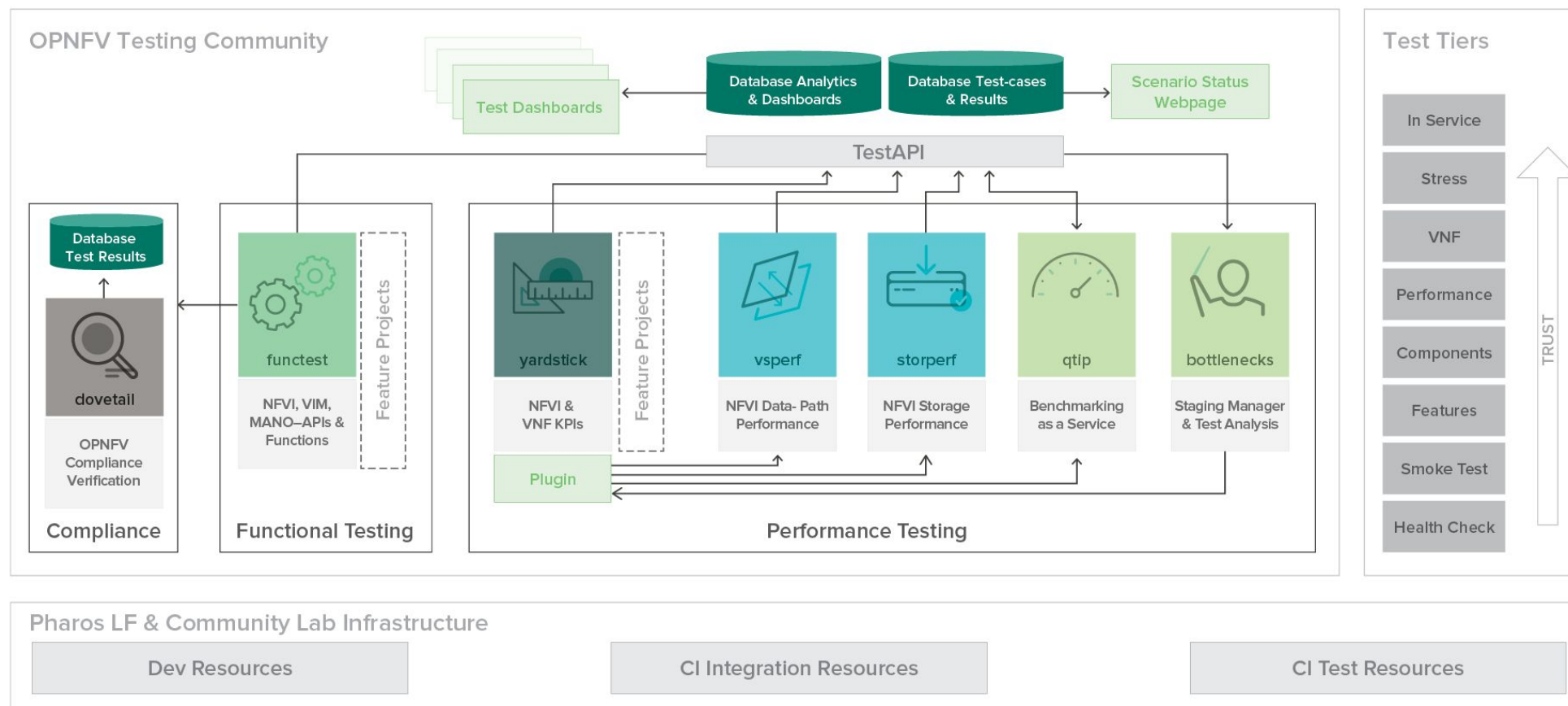


Don't just RTFM; Help Write TFM

Help with CI/CD Intra and Inter-Project



Get Involved in Testing





EARN Trust by Contributing



As you grow, help newbies who join

Open Source Networking User Groups

- › 37 Groups – 23 Countries – 6,411 Members
- › Open Source Networking User Groups are locally managed groups passionate about network transformation through open source
- › Groups hold 2-4 meetups per year
- › See the global network of groups and upcoming meetups: <https://www.meetup.com/pro/osnug>



A vibrant, teal-toned photograph of a large crowd at a night event. In the center, a person with long hair stands with their back to the camera, arms raised in celebration. The air is filled with falling confetti, and bright stage lights create a hazy, festive atmosphere. The crowd in the foreground is also seen from behind, with many people raising their hands.

Open Source is a Team Sport

LF NETWORKING

Member Guide

<https://bit.ly/2O0Fhhf>



Project Resources