

FD.io | The Fast Data Project September 2022 Project Health Review

Community Health -- LFX Insights (1 Year)

- › Trends
- › Technical Metrics
- › Collaboration Metrics

Cross Community Collaboration

- › DPDK
- › VPP Hoststack / Envoy Integration
- › Calico VPP Dataplane
- › Network Service Mesh
- › Strongswan

Infrastructure Tooling

- › Continuous System Integration Test Lab
 - › Nomad/Docker CI executors
 - › Per-patch Unit & Functional Testing
 - › Diverse Hardware Performance Testing
- › Gerrit/Jenkins/Nomad CI Pipelines
 - › Nexus retirement generated significant cost savings
- › Automated Report Generation
 - › [Release Notes](#)
 - › [Gerrit Change Status](#)
 - › [Coverity](#)
- › Rock Solid Release Cadence
 - › Feb, June, Oct – all releases occurred on schedule for past 2+ years
 - › [Release Milestones](#) optimized to reduce risk

Adoption

- › VPP Integrated in Commercial Products by
 - Cisco
 - Netgate
 - IPng Networks
 - Netease
 - Juniper

- › Hardware Vendors Technical Support and Donations
 - Intel
 - Arm
 - AMD
 - Nvidia

Governance

› Diverse, Active, Collaborative TSC Representation

- Joel Halpern (Legacy)
- Ed Warnicke (Legacy)
- Dave Wallace (VPP Rep; appointed Nov 2021)
- Maciek Konstantynowicz (CSIT PTL; Oct 2021)
- Lijian.Zhang (TSC appointee; Oct 2021)
- John DiGiglio (TSC appointee; Aug 2022)
- Matthew Smith (Committer Rep; Sept 2021)
- Neale Ranns (Committer Rep; Sept 2021)

› Fiscally Conservative

- › Strong track record of cost savings and budget conservation

Open Discussion

- › Economic conditions causing tighter budgets
 - › Travel Restrictions limiting in-person LFN Event participation
- › Marketing execution has lagged significantly in comparison to technical/project goals
 - › Web site upgrades
 - › Social Media
- › Mature technology helps attract new adopters, not as many new contributors