

05-03-2023 TSC Meeting Minutes

TSC Meeting [Zoom](#) link

Meeting Recording:

Meeting Chat File:

Attendees & Representation. Please add your name to the attendance table below.

Attendees	
Name	Company
SHANKAR	University of Delhi
Dave Thaler	Microsoft
Santhosh Fernandes	Walmart
Daniel Havey	Microsoft
Mehul Gulati	Netaji Subhas University of Technology
Arunkanth Abbigari	Walmart
Charles Liu	Walmart
Shubham Kumar	University of Delhi

LF Staff: [LJ Illuzzi](#)

Agenda

- LF [Antitrust Policy](#)
- Meeting note taker
- Welcome to new attendees
- Weekly TSC Meeting Day and Time Change
- R2 Release Management (Dhivya)
- LFN Governing Board Meeting May 17- Project Updates
- L3AF deployment and integration with UPF
- [LFN Developer & Testing Forum June 2023 - Call for Topic Submissions](#)

- Issue discussion/Dev updates
- [Walmart Open Sourced Traffic Mirroring](#) - Blog
- AOB
- General Topics (cover as needed)
 - Use Cases
 - Roadmap
 - Project structure
 - Governance
 - Technical Steering Committee

Minutes/Updates

- **Weekly TSC Meeting Day and Time Change**
 - Proposed new day and time: Tuesdays at 8am PT. Starting May 9.
 - Chat vote
 - Discussed, still working on resolving conflicts.
 - Still working on resolving conflicts.
 - Lj will look for an alternate to cover the 8new slot at 8:00 am. PST
- **R2 Release Management (Dhivya)**
- **LFN Governing Board Meeting May 17**
 - Project Update
 - Need community input on slide deck.
 - https://docs.google.com/presentation/d/1tmjKxyfEqoNL_3WXKBRdublgwpdqVlkTcYju2O_zWOw/edit?usp=sharing
- **L3AF deployment and integration with UPF**
 - https://www.linkedin.com/feed/update/urn:li:activity:7058818200121004032?utm_source=share&utm_medium=member_ios
 - Opportunities:
 - D&TF topic
 - Blog - can L3AF community and NgKore provide quotes?
 - Yes, after exams.
 - Get quotes from ngcore and L3AF.
 - LFN marketing committee
 - Possibly use for the D&TF.
- **LFN Developer & Testing Forum June 2023 - Call for Topic Submissions - June 6-8, 2023. Virtual event**
 - Potential Topics:
 - R1 Overview and Demo (includes traffic mirroring)
 - L3AF deployment and integration with UPF
 - Roadmap: R2, R2.1, L3AF on Windows
 - [Topics Submission Page](#)
 - [Virtual D&TF session guidelines](#)
- **Issue discussion/Dev updates**
 - L3AF R2
 - 233, 234 and 235 will be completed soon.
 - 236 (Dynamic updates) need solution using BTF an Go formater
 - 177 (RBAC) Progress on packages, docs, etc that will be delivered?
 - Blogs, user docs, rel notes.
 - Template for rel notes that generates bugs, features, ect.
 - Need to work on user manual.
 - eBPF enhancements #38
 - Can merge and close.
 - Add additional issues as needed
 - Opinions on dynamic map updates
 - support hash and array maps currently uint32 for key and value
 - Want to support JSON so that it works similarly to BPF tool.
 - Windows does not support BTF
 - Push into the client. Don't do anything to L3AFd so that we can be cross-platform and support older versions.
 - Could also do this in two layers.
 - L3AFD v2.1
 - L3AF on Windows
 - [LFN Mentorship Program for L3AF on Windows](#)

- [Walmart Open Sourced Traffic Mirroring - Blog](#)
 - Received approval, publishing tomorrow.
 - Ping the marketing folks as soon as it is published.
- Signing of eBPF Programs (Karan/Arunkanth)
 - Developing guidance document
 - Reduce attack surface by running in least privileged mode.
 - Unpriv, JIT limit, JIT hardened, BPF disable verifier.
 - This doc might belong in a non-L3AF repo with a link to it.
- **Any Other Business**

Action Items

- [Dhivya R](#) Release Management Plan- add milestoners for testing, documentation, package. What else is needed from a delivery standpoint?
- [Daniel Havey](#) coordinate Traffic Monitoring Blog with LFN Marketing

Future Agenda Items

- Signing of eBPF Programs (Karan)