

06-22-2022 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
Daniel Havey	Microsoft
Eric Tice	Wipro
Dave Thaler	Microsoft
chaitanya lala	Microsoft
Jason Niesz	Walmart
Santhosh Fernandes	Walmart
Atul Prajapati	Walmart
Dhivya R	Walmart
Nitin Taur	Walmart

LF Staff:

Agenda

- [LF Antitrust Policy](#)
- Meeting note taker
- Welcome to new attendees
- Roadmap proposal: <https://github.com/l3af-project/l3af-arch/discussions/39>
- General Topics (cover as needed)
 - Use Cases
 - Roadmap
 - Project structure
 - Governance
 - Technical Steering Committee
- PR discussion
 - Multiple repo support - <https://github.com/l3af-project/l3afd/pull/69>
 - Remove hardcoded paths - <https://github.com/l3af-project/l3afd/pull/78>
 - New API to add / remove programs / needs test - <https://github.com/l3af-project/l3afd/pull/76/files>

Minutes/Updates

- L3AF Roadmap discussion: Issue #39
 - Please review/comment
 - Will discuss next week.
- Repo support: Issue #69
 - In the repo guideline req:
 - Update docs and update tests
 - What test is being updated for this issue?
 - OSS Scorecard - we can use this for proof that we have testing
 - Atul to look into adding test
- Implemented map name without full path
 - Has hard coded path - needs to reference configs.
 - Is there a test required for this?
 - Yes, we have a test.
 - Any path that is pinned should not assume that the path starts with: /sys
 - In Windows a path is optional. It's in memory
 - You can't use filesystem commands
 - You have to use bpftool or netsh, etc.
- Granular APIs to add, delete ebpf programs on a node #57
 - Do this without posting the whole JSON file.
 - Missing a test.
- Chala
 - Linux team in MSFT
 - More clear remote tests and tests for everything
- Guide to use L3AF in production environments
 - Draft - Convert to mark down and make a PR
 - Prod best practices
 - mTLS, supported versions, no self-signing, no debug logs,
 - Should we recommend 1.3 or later?
 - Yes, will change from 1.2
 - Never recommend a public repo
- Next week: discussions
 - Interaction between Kubernetes, docker and l3afd
 - Didn't support containerized environment right now
 - l3afd runs in container and can attach to host interface
 - Chaining with Cilium has not been tested
 - A lot of dependency on the CNI
- Which clients can call the REST APIs?
 - implement a lib that can support multiple backends
 - One local, one using the cloud services
 - Have to have recommendations for production.
 - Local dB for dev environment
 - Cloud services fro prod using framework
- Deployment Guide
 - how to deploy on Ubuntu, Windows, Mariner
 - Recommend what CI/CD pipeline to use?
 - No, we should not get into that level of detail with implementation
- Ready to go reciepies?
 - If you want to deploy with Azure VMs do this. If you want to...
 - Yes, it should be easier to deploy.
- Governance:
 - PR to replace Kathy
 - Also need to replace Steve Laughlin
 - And need an alt for Vicky
 - This spot will remain unfilled for now.
- WalMart summit (internal)
 - L3AF project topics (next month)
- Links:
 - <https://whynowtech.substack.com/p/ebpf>
 - <https://fnetworking.org/the-linux-foundations-open-networking-and-edge-one-summit-expands-programming-with-keynote-and-mini-summit-by-the-us-government-enabling-secure-open-and-programmable-5g-networks/>
 - <https://events.linuxfoundation.org/one-summit-north-america/>

Action Items

Future Agenda Items