

02-02-2022 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
Dave Thaler	Microsoft
VM (Vicky) Brasseur	Wipro
Jason Niesz	Walmart
Kanthi P	Walmart
Santhosh Fernandes	Walmart
Steve Laughman	Microsoft
Karan Dalal	Walmart
Satya Pradhan	Walmart
Eric Tice	Wipro
RAGALAHARI POTTI	Walmart

LF Staff: [LJ Illuzzi](#)

Agenda

- [LF Antitrust Policy](#)
- Meeting note taker
- Welcome to new attendees
- eBPF Package Repository proposal
- LFN Induction
 - Material development in progress through 02/22. Community input is required: [LFN Induction Slide Deck - Draft](#)
 - Next review is 02/09 during TSC meeting (02/08 meeting is canceled)
- Developer & Testing Forum (tentative) - March 2022
- General Topics (cover as needed)
 - Use Cases
 - Roadmap
 - Project structure
 - Governance
 - Technical Steering Committee
- Porting L3AF to Windows, status update and issues filed:
 - L3afd:

[Make l3afd build on windows · Issue #12 · l3af-project/l3afd \(github.com\)](#)

[Initial steps towards getting L3AFD on Windows by dthaler · Pull Request #13 · l3af-project/l3afd \(github.com\)](#)

Xdp-root:

[License question · Issue #3 · l3af-project/xdp-root \(github.com\)](#)

[Missing instructions on how to build · Issue #4 · l3af-project/xdp-root \(github.com\)](#)

[Use of deprecated set_link_xdp_fd\(\) API · Issue #5 · l3af-project/xdp-root \(github.com\)](#)

[Support bpf_set_link_xdp_fd\(\) libbpf api · Issue #746 · microsoft/ebpf-for-windows \(github.com\)](#)

L3af-arch:

[Timeouts on a windows host · Issue #11 · l3af-project/l3af-arch \(github.com\)](#)

Minutes/Updates

- Developer & Testing Forum (tentative) - March 2022 - A one or two day virtual Developer and Testing Forum is being considered for March and focusing on cross-community collaboration (as opposed to project centric).
 - Scope of forum: LFN
 - Dave: Relationship to other orgs
 - Non-LFN event might be wider and gain more attendance.
 - Vicky: Projects associated with L3AF aren't LFN. Does it make sense for L3AF to be LFN?
 - Karan: Probably the eBPF foundation makes sense, but this should be an evolution.
 - L3AF scope is still evolving and growing.
 - Vicky: Makes sense to get going somewhere. LFN is a good starting point and it shouldn't be too difficult to move.
 - Look at other projects in LFN. Can we help them in some way? Do we fit in this ecosystem? Can we contribute?
 - Karan: A couple of projects showed interest, but none have translated to a project yet.
 - Louis: Collaboration points will start shaking out as we go forward.
- eBPF Package repository proposal <https://github.com/l3af-project/l3af-arch/pull/10>
 - most items that need more discussion put in future version section
 - Set up sub-committee to work on them.
 - Sign off on basic version. Yes.
 - Committee: Santhosh, Karan, Vicky (if time permits), Dave, Daniel, Steve Laughman
- LFN induction
 - Need community input (link above)
- L3AFd on Windows
 - It builds!
 - What is the project process, issue triage, etc?
 - Karan: Multiple repos. Assigned owners for respective repos. Issues and PRs were managed by repo owner.
 - Need to update the process by adding reviewers.
 - Jason: Define a set of core code owners and reviewers for different repos
 - Karan: Create versioning and release doc.
 - Dave: PR signed off, what is the rest of the process for merging?
 - Karan: We don't have a versioning doc yet. Generally we get at least 2 before merging.
 - Dave: Distinguish between release and merging a PR.
 - Every PR may not be a release.
 - Use tags for releases. Don't block merging on having a release schedule.
 - Santhosh: Need a release branch where PRs can be merged when the release is done or do we just merge to main?
 - Call out minor and major releases.
 - Dave: Semantic versioning. This is a minor release, has no impact on Linux Binaries
 - Santhosh: create a branch for this and tag as 0.10, then create 0.11 and merge this PR.
 - Thoughts?
 - Karan: Put that into a 1-pager.
 - Walmart wants to deploy directly from the repo
 - Dave: Usually enterprises have their own private fork for deployment
 - Karan: Would like to start with direct deployment and migrate later.
 - Dave: If you have a vulnerability, you can put a fix in without having to put it in the public repo.
 - Karan: Schedule for next meeting.
 - Dave: In production, run a fork identical to upstream, but may have Azure specific tests. Things like that.
 - Things that are embargoed. General public cannot view. Cannot be put into public repo yet.
 - Vicky: This allow us to avoid kerfluffles. Best security practice. Allows you to do enterprise specific stuff
 - L3AFd
 - Dave: Tests are scant, but they do pass. Should beef up in the future.
 - Windows does not support TC at this time.
 - Supports XDP. License for XDP in l3afd is GPL2
 - Change to GPL2 or MIT? Allows wider use than Linux?
 - Does the XDP have to be GPL2 only?
 - This should apply to all public repos for L3AFd.
 - Vicky: Add in PR?
 - Santhosh: We (Walmart) will look into it and get back to L3AFp on this.
 - Karan: Is this legal or charter change?
 - Dave: Do not believe it requires a charter change.
 - Vicky: Owner of copyright can define licensing. Talk: Introduction to licensing.
 - This means Walmart will have to decide licensing.
 - Karan: Thought we gave away copyright with the charter.

- Dave: Nope, you gave up IP, but Walmart retains copyright.
- Document issues
 - Comes with make file, but you can't just type make.
 - UM app program depends on bpf, but calls setlink which is deprecated.
 - Generates warning, should be updated.
 - Windows supports non-deprecated API only.
 - But we could support deprecated
- Repo - sample dev environment using virtual box does not work. Timeout issues.
 - Can run L3AFd without this for testing.
- Next step - get XDP-root working on Windows
 - Windows uses self hosted runner for CI/CD.
- Charter
 - Karan: has Apache2 or GPL2 or BSD
 - Dave: If you have code that runs in Linux/Windows then this is too restrictive.
 - Vicky: Look into having L3AF governance to make these changes/discussions done there.
 - Louis: Can help with this by bringing charter changes to LFN legal team.

Action Items

Future Agenda Items