

# 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
<a href="#">Daniel Havey</a>	Microsoft
<a href="#">Dave Thaler</a>	Microsoft
<a href="#">VM (Vicky) Brasseur</a>	Wipro
<a href="#">Jason Niesz</a>	Walmart
<a href="#">Kanthi P</a>	Walmart
<a href="#">Santhosh Fernandes</a>	Walmart
<a href="#">Steve Laughman</a>	Microsoft
<a href="#">Karan Dalal</a>	Walmart
<a href="#">Satya Pradhan</a>	Walmart
<a href="#">Eric Tice</a>	Wipro
<a href="#">RAGALAHARI POTTI</a>	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