

# 03-02-2022 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="#">VM (Vicky) Brasseur</a>                                            | Wipro     |
| Kiran                                                                          | Wipro     |
| Ruchi                                                                          | Wipro     |
| Lovekush                                                                       | Wipro     |
| <a href="#">Satya Pradhan</a>                                                  | Walmart   |
| <a href="#">Santhosh Fernandes</a>                                             | Walmart   |
| Ayushri                                                                        | Wipro     |
| <a href="#">Jason Niesz</a>                                                    | Walmart   |
| <a href="#">RAGALAHARI POTTI</a>                                               | Walmart   |
| <a href="#">Balachandra Kamat</a>                                              | Wipro     |
| <a href="mailto:steve.laughman@microsoft.com">steve.laughman@microsoft.com</a> | Microsoft |
| <a href="#">Dhivya R</a>                                                       | Walmart   |
| Mike Dvorkin                                                                   |           |
| <a href="#">Eric Tice</a>                                                      | Wipro     |
| <a href="#">Dave Thaler</a>                                                    | Microsoft |
| <a href="#">Meni Hillel</a>                                                    | Walmart   |

LF Staff: [LJ Illuzzi](#)

## Agenda

- [LF Antitrust Policy](#)
- Meeting note taker
- Welcome to new attendees
- [LFN Induction](#) -
  - [Final slide review: https://docs.google.com/presentation/d/1KS8DIUA2HeCctezA4WrbHfN7lyWkBpvA/edit?usp=sharing&ouid=115348460061026676315&rtpof=true&sd=true](#)
  - [TAC review comments: https://wiki.lfnetworking.org/x/E5QZB](#)
  - [March 9 TAC meeting Logistics:](#)
    - <https://zoom.us/j/560486345?pwd=QXNHrVgyMEtURFVjMDhUUGZ4ZVhFQT09>
    - [10am EST / 7am PST / 8:30pm IST / 1500 UTC](#)
- General Topics
  - Use Cases
  - Roadmap
  - Project structure
    - [Governance](#)
      - [Followup from 02/16 TSC](#)
      - [Draft CONTRIBUTING and PROCEDURES file](#)

- Technical Steering Committee
- LFN Badging Program
- L3AFD Secure web API discussion - Updates <https://github.com/l3af-project/l3af-arch/pull/20>
- L3AFD on windows PR <https://github.com/l3af-project/l3afd/pull/13>
- Dev setup timeouts with sshkeys PR <https://github.com/l3af-project/l3af-arch/pull/12>

## Minutes/Updates

- Karan sends regrets (family obligation)
- Bring L3AF under the LF umbrella
  - Tech advisory council
  - Reached a point with L3AF - have governance, good tech feel for what we are doing
  - Ready for LFN induction
  - Final review of slides
  - Welcome to attend call for tech induction next week (see above for details)
  - Slide review:
    - Any last minute inputs?
    - This is to get us in as a sandbox project.
    - Next phase is incubation (about 1 year)
      - Adoption will help a lot
  - Logistics for TAC review meeting (see above) Mar 9th
    - Vote happens in real time after presentation
- Santhosh: Secure API
  - Create and manage cert for L3afd API
  - Jason: Use case of why we want to do this
    - Lower latency of control signals going to L3AFd instances
  - Santhosh: Accessing L3AFd APIs from public network
    - L3AFd will only monitor expiration of certs
      - log messages when the cert has expired every 30 days
    - L3AFd will not auto replace the certs, just generate warnings
      - user must get a new cert
    - expose some metrics
      - cert expiration status, etc
    - Token based auth
      - Client user name/pass to get auth token
      - Auth token used for API requests
  - Please review and submit comments
  - Jason: Merge sometime next week and start working on code?
  - Santhosh: Production will need enterprise certs
    - In private by default running on localhost
  - Bala: RBAC based access
  - Santhosh: yes, admins will have privs to change config, users will have view privileges only.
  - Jason: Agree.
  - Vicky: Add as a comment to the PR please.
    - Bala
  - L3AFd on Windows PR open for 2 months
    - Can someone test this and bring up the results so we can merge
    - Jason: This is critical for Windows. Breaking Linux specific sys calls
    - Key timeouts in Windows
    - Can merge with Dave's approval
  - Windows PR
    - Santhosh: Don't have setup on Windows to test this.
    - Dave: Tested that it builds, but don't have an XDP root program for testing
      - What are the licenses on XDP root for Windows?
        - Should I write my own or can I use the existing ones?
      - Preference would be to merge it
      - This is not the end of PRs on Windows
      - Does not break Linux
      - Changes mostly on compiler side
      - Jason: Linux side - good to merger
        - Windows side - could be bugs, but Windows is in dev so we will fix bugs as they show up.
      - Dave: Ran the GitHub tests on Windows
        - Checkout, Build, Go test.
        - Update file to say that it runs on Windows 2019
          - This is a minimal test.
        - Santhosh: Going to add some of the Go stuff
      - Dave: Go ahead and merge and add other stuff on other PRs?
      - Jason: Yes, better to have separate PRs.
    - Santhosh: Check licenses
      - Dave: XDP root - GPL licensed, can we change it to dual with MIT?
        - Should we have a different directory with the same code that has an MIT or apache license?
      - Santhosh: No, I will dual license this code.
      - Dave: Same for any of the programs, TC, etc.
      - Dave: Okay to merge 13 as is.
        - Next step is CI/CD and dual license
        - Then we can have additional testing using XDP root
      - libbpf version is old
      - Dave: not a blocker. That API is supported on Windows.

- Ayshri: Are there recordings of a session discussing overall arch and code? For our understanding.
  - Santhosh: leAF.io has some trainings
    - To set up dev environment: L3AF - trying out L3AFd
    - Vicky: Every meeting recorded with notes publicly available
- Dev setup timeout issue:
  - repos were private with ssh keys
    - Now they are public and it works without keys
    - Please verify and approve so we can merge
  - Dave: This problem dated from before repos went public
- Dave: Cloud native eBPF day requests for speaking submitted?
  - Santhosh: yes, 2 were submitted.
  - Dave: 50% more submissions than last year

## Action Items

## Future Agenda Items