05-30-2023 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 MALIK	University of Delhi
Daniel Havey	Microsoft
Mehul Gulati	Netaji Subhas University of Technology
Santhosh Fernandes	Walmart
Dhivya R	Walmart
Jason Niesz	Walmart
Karan Dalal	Walmart
Ajay Raut	Walmart
Jay Sheth	Walmart
Arunkanth Abbigari	Walmart
Dave Thaler	Microsoft

LF Staff: LJ Illuzzi

Agenda

- LF Antitrust Policy
- Meeting note taker
- Welcome new attendees
- Issue discussion/Dev updates
  - Lead off with RBAC https://github.com/l3af-project/l3af-arch/discussions/57
- Release Management (Dhivya)
- LFN Developer & Testing Forum June 2023 - Review calendar/L3AF Schedule

- Optimising Traffic Mirroring
- AOB

- General Topics (cover as needed)
    - Use Cases
    - Roadmap
    - Project structure
        - Governance
        - Technical Steering Committee

Minutes/Updates

- **Issue discussion/Dev updates**
    - L3AF R2
        - RBAC https://github.com/l3af-project/l3af-arch/discussions/57
            - Option 1: RBAC framework using x.509 PKI Certificate Attributes
                - Not every CA will issue those types of certs (w/usernames)
            - Option 2 OATH
                - No work required. Just consume already existing resources.
                - Many enterprises already using it.
                    - ex: Windows Active Directory
            - Option 3. Digital Signature based Authorization with mTLS
                - Minimal overhead.
                - Partly extensible. Partly standards compliant.
                - Protocols mature, framework not so mature.
            - Option 4. SHA256 Hash based Authorization with mTLS
                - Don't want l3af to be the actual auth service.
                - Custom implementation
        - https://github.com/l3af-project/l3afd/pull/229
        - https://github.com/l3af-project/l3afd/pull/242
        - Loading XDP and TC program blockers
            - https://github.com/l3af-project/l3afd/issues/191
            - https://github.com/florianl/go-tc/issues/17 - Need to update with our issue.
    - L3AFD v2.1
    - L3AF on Windows
        - LFN Mentorship Program for L3AF on Windows

- **Release Management**

- **LFN Developer & Testing Forum June 2023 - June 6-8, 2023. Virtual event**
    - Review calendar/L3AF Schedule
    - Link to L3AF topic submissions:
    - Topics Submission Page
    - Virtual D&TF session guidelines
    - Reminder to **Register**
    - Best place for marketing the project- this is how we grow the community within LF/LFN
    - Question: should June 6 TSC meeting be canceled so the community can attend D&TF? (many LFN communities will cancel TSC meetings that week in lieu of D&TF).

- **Optimising Traffic Mirroring (Arunkanth) Link**

- **Any Other Business**

Action Items

- [ ] Dhivya R Release Management Plan- add milestones for testing, documentation, package. What else is needed from a delivery standpoint?
- [x] LJ Illuzzi Open SSF Scorecard. Is it visible on LFX Security
- [x] LJ Illuzzi Draft LFN Board response to eBPF standards

Future Agenda Items

Start with

- RBAC https://github.com/l3af-project/l3af-arch/discussions/57