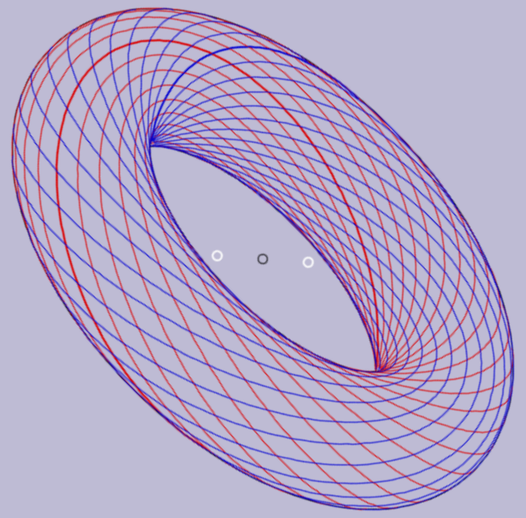
K A V I A R



Cross-chain anonymous transfer and donations with private pools (mixer)

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KEPT
SECRET

STATE OF THE PROBLEM

- **Privacy**
  Lack of privacy in cross-chain bridges.

- **Compliance & Regulations**
  Privacy enabling solutions don't comply with regulations and enable bad actors to perpetuate fraud and illegal activities.

- **Lack of anonymity in donations & quadratic funding**
  Corruption in bias-free judgment of projects due to influence from widely-known donors

WHAT'S KAVIAR?

- Kaviar is a cross-chain **anonymous transfer** with **ZKPs** and **quadratic funding** platform enhanced by **privacy pool** (compliant mixers) with allowlists, and blacklists for **proof of innocence**.

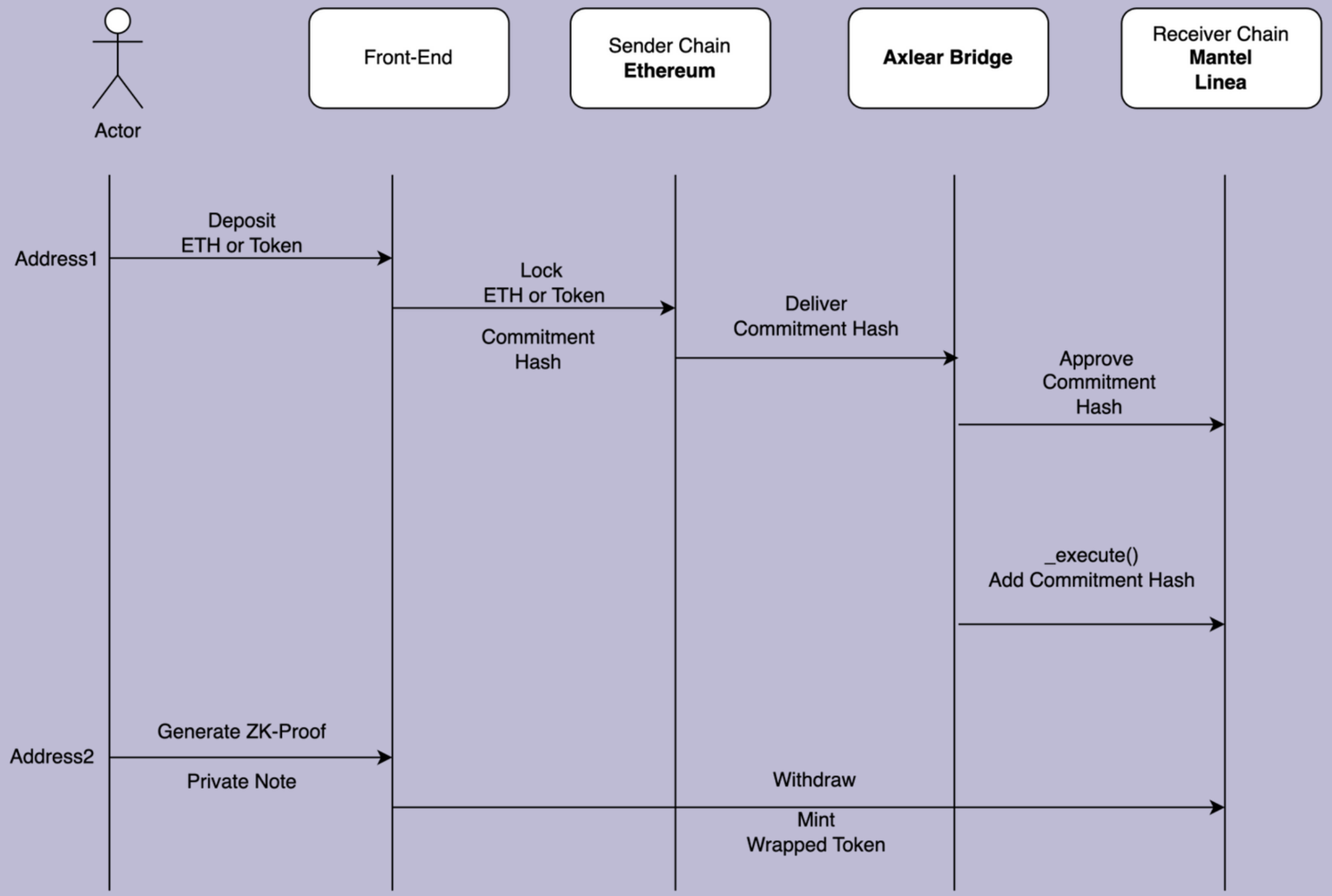
[1] Buterin, V. (2023). Blockchain Privacy and Regulatory Compliance: towards a practical equilibrium. papers.ssrn.com. https://doi.org/10.2139/ssrn.4563364

WHAT'S KAVIAR?

- Bridge Agnostic: Cross-chain transfers enabled by AXELAR
- Cross-chain compatibility with MANTLE, Linea, Scroll, polygon zkEVM
- Cross-chain mixer with **Privacy pool** implemented with ZKPs[1]
- Comprehensive blockchain inter-operability ensured through our team's PHD research[2]

[2] Interoperability in Blockchain: a survey. (n.d.). IEEE Journals & Magazine | IEEE Xplore. https://ieeexplore.ieee.org/abstract/document/10123097/

ARCHITECTURE



FUTURE WORK

- **Broader cross-chain ecosystem integrations.**
- **Improved privacy pool features.**
- **UX improvement**
- **Enhanced DAO-based governance for allowlist & blacklists**