

# XRPL-EVM Solvency: Elevating Privacy in XRPL EVM Sidechain Transactions

## Abstract

XRPL-EVM Solvency redefines privacy in blockchain transactions by offering exclusive solvency proofs on the XRPL EVM sidechain. With a focus on enhanced privacy, the solution utilizes local hosting for the front-end and ring signatures for confidential ownership proofs. This project sets a new standard for privacy in decentralized finance within the XRPL ecosystem.

## 1 Introduction and Challenges

In response to the growing need for enhanced privacy and security in blockchain technology, XRPL-EVM Solvency addresses the challenge of proving asset ownership on the XRPL EVM sidechain while prioritizing privacy.

## 2 Solution and Applications

The XRPL-EVM Solvency solution leverages advanced technologies:

- Locally hosted front-end for enhanced privacy.
- Chainlink APIs for seamless data integration.
- Ring signatures for confidential ownership proofs on the XRPL EVM sidechain.

Key applications include:

- Exclusive privacy in solvency proofs on the XRPL EVM sidechain.

## 3 Security and Privacy

The project places a strong emphasis on security and privacy measures, including encryption, secure communication, and identity protection. It ensures user anonymity in transactions on the XRPL EVM sidechain and is designed to be scalable and resilient against potential security threats.

## **4 Conclusion**

XRPL-EVM Solvency sets a new standard for privacy in XRPL EVM sidechain transactions, offering secure and private solvency proofs. The project is backed by a robust technical framework, ensuring confidentiality and privacy within the XRPL ecosystem.

## **5 Team**

The XRPL-EVM Solvency project team, comprising Maxime, Thomas, Nathan, and Adam, brings diverse expertise and a shared commitment to revolutionizing privacy in blockchain and WEB3 interactions.