

Ethereum↔FreeTON Bridge Design and Architecture SUBMISSION

Proposal PDF

<https://github.com/charon-exchange/charon-bridge-whitepaper/blob/main/charon-bridge-whitepaper.pdf>

Proposal Google doc

<https://docs.google.com/document/d/16biEgNC67NCcJUBXniHmJ4UIobgdJAqp2EelS6gYO3A/edit?usp=sharing>

Highlights:

- Fully decentralised approach.
- Universal approach compatible with most blockchains (Ethereum and Polkadot described).
- Transferring user's data between blockchains.
- Staking mechanism, which increases decentralisation level and adds ability making profit.
- Protection from common known attacks.
- Validator reputation system, slashing.
- Self-governance for managing the bridge.
- A clear and predictable economy, governance token.
- Low fees due to consensus at FreeTon and using $\{t,n\}$ - threshold signature at external blockchain.
- Modular software.

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