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B2B value transfer on a public blockchain could be problematic because it may leak information to competitors. Nightfall addresses this problem by helping enable transfers to be fully private.

Business challenges

Privacy on a public blockchain without overly compromising decentralisation, and staying compliant with regulations, is a difficult problem to solve. This makes it hard for enterprises to use public blockchains in-spite of their advantages in terms of speed and error reduction. This update marks the readiness of Nightfall to help enable development of enterprise solutions.

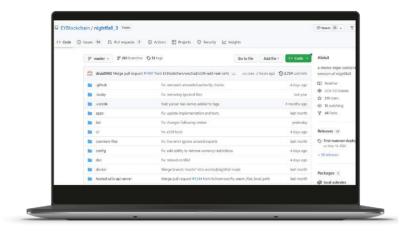
Nightfall

Nightfall is an Zero-Knowledge (ZK) Optimistic Roll-Up that helps enable private transactions on the public Ethereum blockchain. Using Nightfall, enterprises can orchestrate private transactions efficiently on the Ethereum Mainnet without compromising the transparency, data immutability and security that Ethereum provides.

Nightfall is a public domain application that helps enables fully private transfer of tokens on Ethereum-compatible blockchains. It can help support regulatory compliance without significantly compromising decentralisation and potentially reduces the cost of token transfers by a factor of 10. Nightfall can help enable supply chain and business operations for enterprise users.

Key features

- ► Private token transfers on a public blockchain
- Decentralised, autonomous authorisation of enterprises
- ► Cost reduction of x10 for ERCx token transfers.
- ► Public domain software



Potential benefits

- ► Enterprises can transfer value without intermediaries and without risk of competitors seeing their transactions
- ► The blockchain provides a definitive view of transaction status, reducing errors
- Decentralised authorisation mechanisms to help support regulatory compliance
- Transaction cost is approximately one tenth of an equivalent, conventional blockchain transaction

Continuing the conversation

To find out more contact the team below.



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