



**Boltz**

# What is Boltz?

Bitcoin & Lightning Service provider (LSP)

- Swap ⚡-BTC/BTC
- Channel creation
- Differentiation: atomic swaps
  - . Differentiation:
  - . web interface
  - . API
  - . all code available on GitHub

# What is Boltz?

## Privacy first

- All services, including API exposed via Tor
- No user-identifying data logged or stored

## Stability:

- Operating since 2019
- One of the oldest & largest lightning nodes

# What are Atomic Swaps?

- A way to swap two coins secured by cryptography so that no party can cheat the other.
- The swap only executes if both transactions execute. If 1 out of the 2 does *\*not\** execute, the swap gets refunded.
- Very important for us as a swap provider: this means we are never holding customer funds, not even for a split-second

# Swaps be like

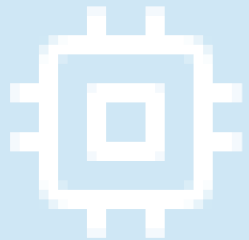


# Who uses Boltz?

- Lightning Node operators
  - Rebalance channels
  - Get a new channel
  - Lightning Wallets
  - receive from/pay to on-chain
  - On-chain Wallets
  - receive from/pay to lightning
  - Do more with your Bitcoin
  - Convert them to L-BTC to use financial products on the Liquid sidechain



# Integrations



More to come...





# bolt.observer

## LiquidOps



Select node and channel



Liquidity is lower than 21%



Auto-swap with Boltz



Notify #node-ops in Slack

# Resources

[boltz.exchange](https://boltz.exchange)  
[docs.boltz.exchange](https://docs.boltz.exchange)  
[github.com/BoltzExchange](https://github.com/BoltzExchange)  
[twitter.com/boltzmq](https://twitter.com/boltzmq)