

# BSIP 40 - Custom active authorities

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## **BitShares Improvement Proposals (BSIP)**

### What is it?

Tool for the BitShares Decentralized Autonomous Community (DAC) to reach consensus on strategic and technical aspects



### How does it work?

- Defined form
  - Abstract
  - Specification, Rationale
  - Summary for token holders
- Community reviewed content
- Voted upon through a worker proposal
- Default: Accepted when active



### Why do we need it?

- Change of protocol in the BitShares backend
- Important strategic decisions
- Settling disputes





## **BSIP 40 - Custom active authorities**

### What is it?

Enable the creation of *named keys*, e.g.

- Trader Key
- Faucet Key
- Gateway Key
- and much more



### Flexible and versatile implementation

A named key (precise: authority) grants the active authority of an account when used for specific operation, with possible restriction on the arguments





### Unique value proposition for the BitShares Blockchain

- Enable and facilitate business use cases and minimizes damage in case of compromise (server-side)
- Enable usage of closed-source without security concerns (client-side, see also: Beet)
- Enhance general security options for users



### Next step

Implementation!





**Thank you for the interest!**

Questions?

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**Thank you for your interest!**