1. Why Do You Care?

- Concerned about a self-sovereign key.
- Especially concerned about an issuer key.
- Know that singular hardware storage is risky.
- Worried about losing your 12 words.



Self-sovereign control of your digital assets gives you independence, but it requires responsible key management!

3. What Does CSR Do?

- Shard seeds with Shamir.
- Protect bigger data with Envelopes.
- Use platform cloud backup for first share.
- Store other share in share servers.
- · Allow recovery with a variety of auth.
- Automate everything to make it simple!



Though it can be hard to protect our self-sovereign seeds alone, we can do so by working together!

5. Who is Involved with CSR?

- We want an interoperable solution for all.
- We are holding biweekly meetings.
- Discussing specs & demonstrating progress!
- Working with 3 hardware & software wallets.









The goal of Blockchain Commons is to bring the community together to build interoperable specs & infrastructure.

7. Deep Dive: Envelopes

- Envelopes are the foundation of CSR.
- They are Smart Documents.
- Encrypt secrets; store metadata.
- Lock with Shamir, public keys, and more.
- Permits allow multiple methods of access.



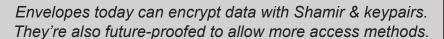














Blockchain Commons

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2. Why is Self-Sovereign Dangerous?

- It's easy to lose a seed.
- It's easy to lose backup words too!
- Hardware devices can become obsolete.
- Theft! Disaster! Loss! So many risks!



Self-sovereign custody reduces the risk of external attack, but you have to also reduce the risk of internal loss.

4. What's Innovative in CSR?

- Shamir can only store small amounts of data.
 - Envelopes solve that.
- Storing shares physically is risky & hard.
 - Platform clouds automate.
 - · Share servers automate.
 - Better protection than physical copies!
- Recovery needs to be secure.
 - A variety of auth improves security.

The goal of CSR is to expand & automate seed backup. Users should be able to automatically protect their assets!

6. Why Should You Be Involved?

- You have single keys that need protecting.
- You want to spread risk & lower liability.
- You want to run a share server.
- You want to improve crypto accessibility.
- You want to advocate your interests.









Want to workshop CSR? Develop these ideas? Want to become a member of the CSR community? Talk to us!

8. How is CSR Future-Proofed?

- Uses BLAKE3, ChaChaPoly & Schnorr.
- Plans for VSS & distributed key generation.
- Future permits for multisig & crypto-scripts.
- Open arch supports future development!







CSR is carefully designed for both the present-day and future of cryptography, so that it won't become obsolete!