

Use cases

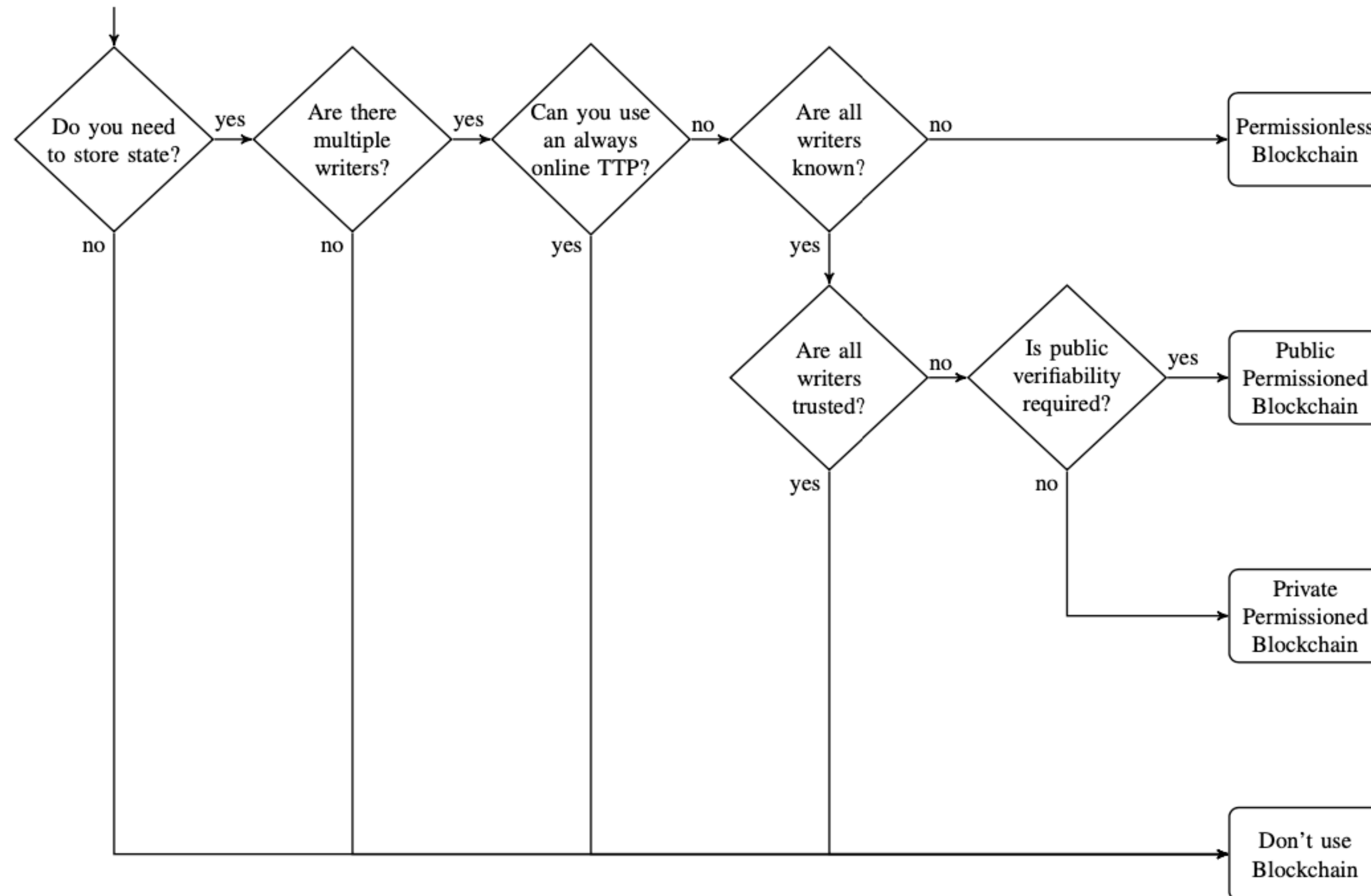
Use cases

Blockchain

- Financial
- Accountability
- Digital assets
- Payment transactions
- Immutable ledger
- Smart Contracts

Use cases

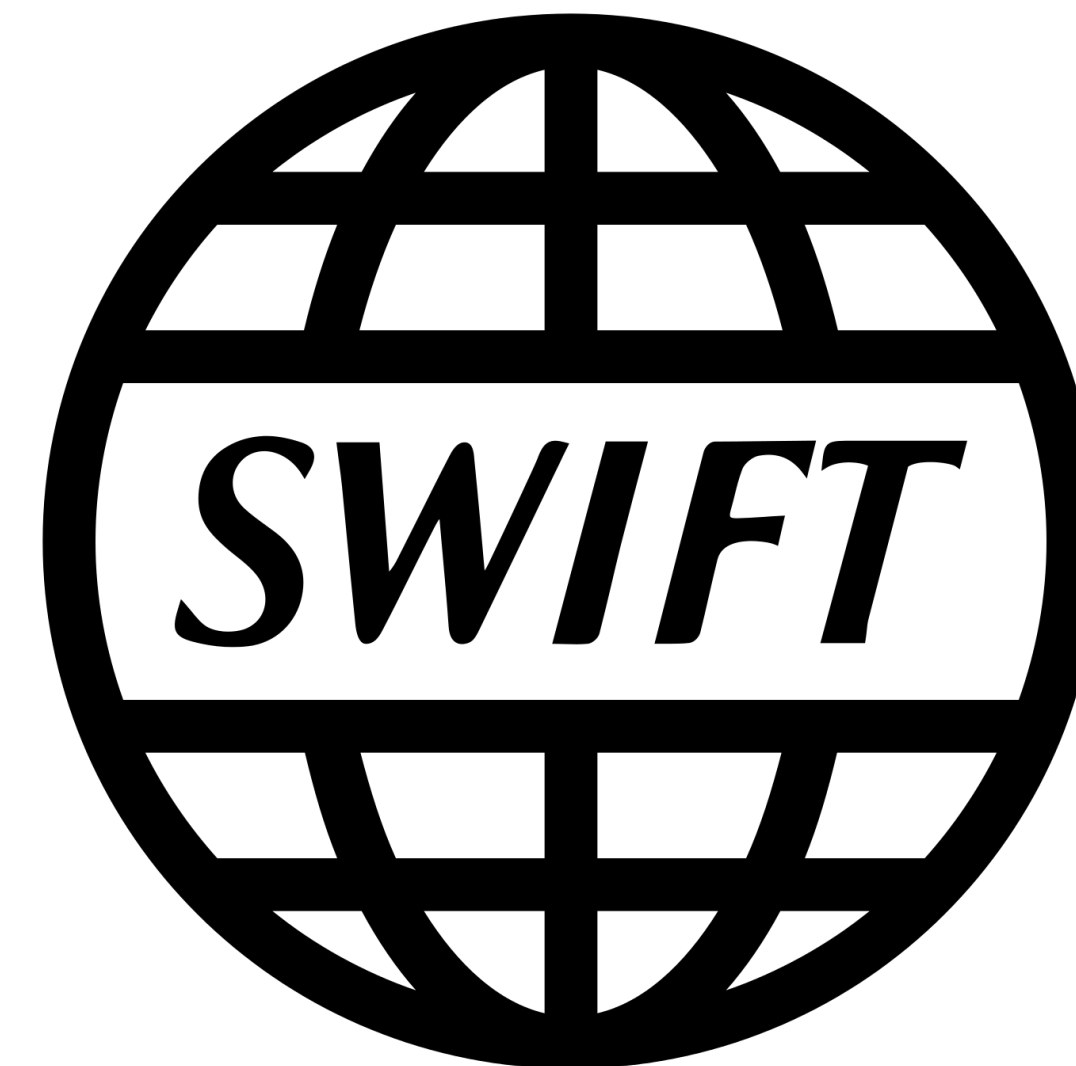
Do you need a blockchain?



Use cases

Blockchain

- Financial
 - International bank payments
 - Banking the unbanked
 - *Central bank digital currency?*



Use cases

Blockchain

- Digital assets
 - Buy and sell digital goods
 - What goods?

Use cases

Blockchain

- Tokens
 - Can create tokens other than native coins.
 - Standardized tokens can be sold/auctioned on existing platforms.
 - Security tokens: Show you own a share, similar to stocks.
Receive share of income, decide through voting, ...
Typically each token is the same
 - Non-fungible tokens: Individual tokens, all different, e.g. represent a digital asset (art, ...)

Use cases

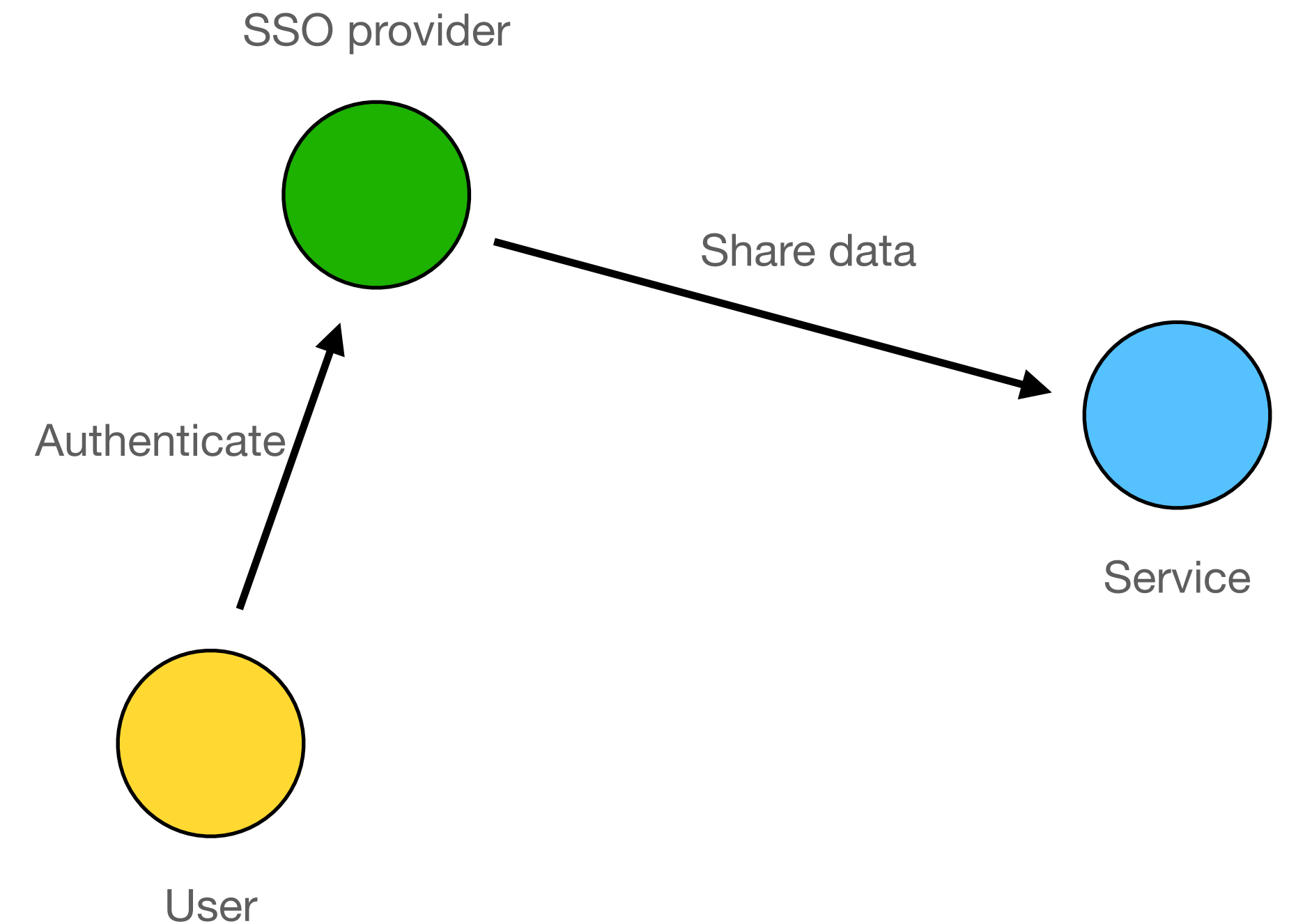
Blockchain

- Accountability
 - Blockchain datastructure is used as log.
 - E.g. record data access
 - E.g. record decisions (autonomous vehicles)
 - E.g. record revocation of certificates

Use cases

Self sovereign identity

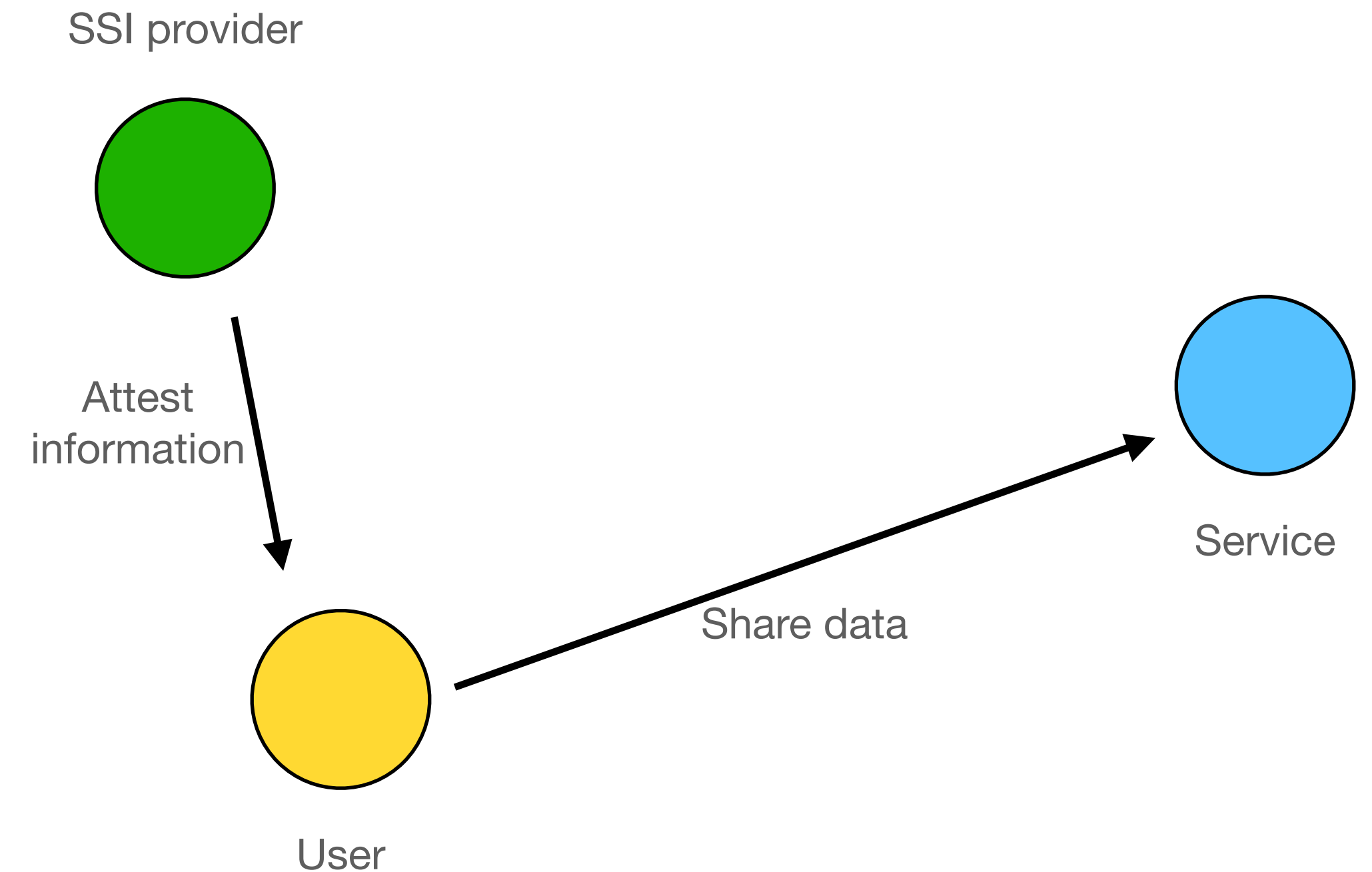
- Single sign on (SSO)
 - Authenticate to SSO provider
 - Provider shares information
 - Info stored at provider
 - Provider is always online



Use cases

Self souverain identity

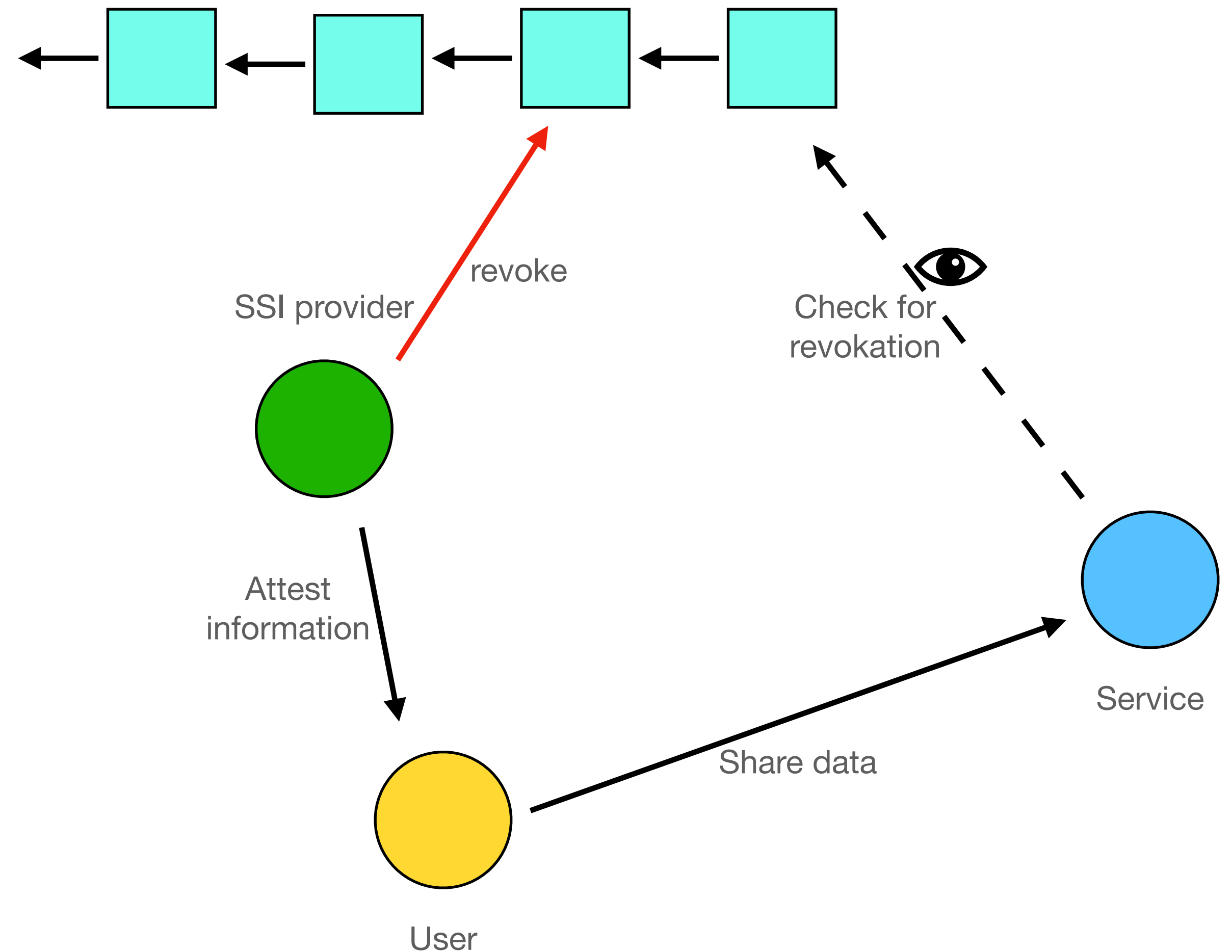
- Self souverain identity (SSI)
 - SSI provider attests information
 - User stores and shares his information
 - Authentication through digital signatures.



Use cases

Self sovereign identity

- Self sovereign identity (SSI)
- SSI provider attests information
- User stores and shares his information
- Authentication through digital signatures
- Service must check for revocation



Use cases

Blockchain

Use cases for group discussion

- Skate Coin
- Use based mobile data
- Digital central bank money
- Olive oil supply chain