

Aleph

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Aleph is an universal layer-2 platform

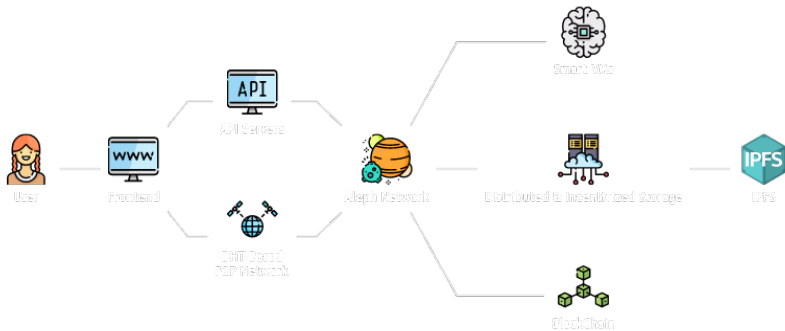
Why ?

- ▶ Delays
- ▶ Costs
- ▶ Onboarding
- ▶ Storage

How ?

- ▶ Off-chain state
- ▶ Free actions
- ▶ IPFS incentive
- ▶ Cross-chain

Network



- ▶ Replicated data
- ▶ All the data isn't everywhere
- ▶ Per dApp “subnetwork”

Current state

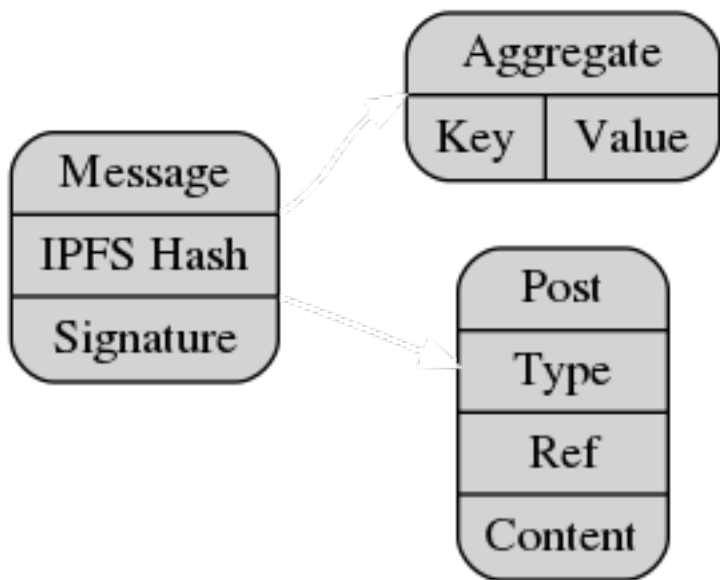
- ▶ Proof of Concept testnet
- ▶ Storage
- ▶ Posts
- ▶ Aggregates
- ▶ No VMs (yet)
- ▶ Only NULS (so far)

Use cases

- ▶ Data Store
- ▶ Social networks
- ▶ Medium
- ▶ Instagram
- ▶ Chat
- ▶ IoT storage

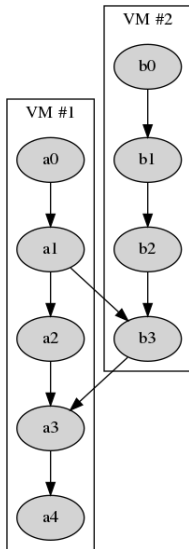
Future use cases

- ▶ Games
- ▶ Currencies/Tokens
- ▶ Business Applications
- ▶ ...



VMs / Smart Contracts

- ▶ State object link
- ▶ ref. previous hash
- ▶ link as a DAG



Example application

Repositories

<https://github.com/aleph-im/aleph-blogs>

<https://github.com/aleph-im/simple-dapp>

Thanks

Project Aleph.im

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