akash

Akash Network 开源云计算市场

What & Why Akash

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The Unstoppable Cloud

- Positioning: Decentralized AWS
- The world's first decentralized open source cloud, and DeCloud for DeFi.
- Market: 2023, 3700

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Why Akash DeCloud?

- BigTech monopoly: cost, user experience, flexibility
- Blockchain
- Censorship–resistant, permission–less, and self–sovereign
- Faster, efficient, lower cost
- Compatible
- Up to 10x lower in cost

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Akash vs. Cloud giants

A simple price comparison

$USD price per month

TYPE	AKASH	AWS	GCP	AZURE
nano	**US$1.08** cpu: **0.1** ram: **512Mi** storage: **512Mi** (1 uakt)	**US$4.25** cpu: **1** ram: **500Mb** type: **t2.nano**	**US$6.11** cpu: **0.25** ram: **1Gb** type: **e2.micro**	**US$4.58** cpu: **1** ram: **500mb** type: **B1LS**
	Akash discount:	**-74.49%**	**-82.25%**	**-76.32%**
micro	**US$3.25** cpu: **1** ram: **1Gi** storage: **1Gi** (3 uakt)	**US$8.50** cpu: **1** ram: **1Gb** type: **t2.micro**	**US$19.22** cpu: **1** ram: **1Gb** type: **n1-custom**	**US$9.11** cpu: **1** ram: **1Gb** type: **B1S**
	Akash discount:	**-61.73%**	**-83.08%**	**-64.29%**
small	**US$4.34** cpu: **1** ram: **2Gi** storage: **1Gi** (4 uakt)	**US$16.84** cpu: **1** ram: **2Gb** type: **t2.small**	**US$21.50** cpu: **1** ram: **2Gb** type: **n1-custom**	**US$18.15** cpu: **1** ram: **2Gb** type: **B1MS**
	Akash discount:	**-74.24%**	**-79.83%**	**-76.1%**

Akash Network Integrates with Equinix Metal

akash | EQUINIX

Simple, scalable, and secure

Deploy, secure, and scale your application in minutes without having to set up, configure, or manage servers.

Interoperable Proof of Stake Blockchain

Open and globally consistent shared state machine that guarantees sovereignty over data and runtime with a high-performance RPC layer with multi-language libraries and bi-directional streaming.

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Deploy to Akash

```
akash tx deployment create deploy.yml --from $AKASH_KEY_NAME --
node $AKASH_NODE --chain-id $AKASH_CHAIN_ID --fees 5000uakt -y
```

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Deploy to Akash (deploy.yml)

```
## DO NOT COPY PASTE THIS INTO TERM
cat > deploy.yml <<EOF
---
version: "2.0"

services:
  web:
    image: ovrclk/lunie-light
    expose:
      - port: 3000
        as: 80
        to:
          - global: true

profiles:
  compute:
    web:
      resources:
        cpu:
          units: 0.1
        memory:
          size: 512Mi
        storage:
          size: 512Mi
```

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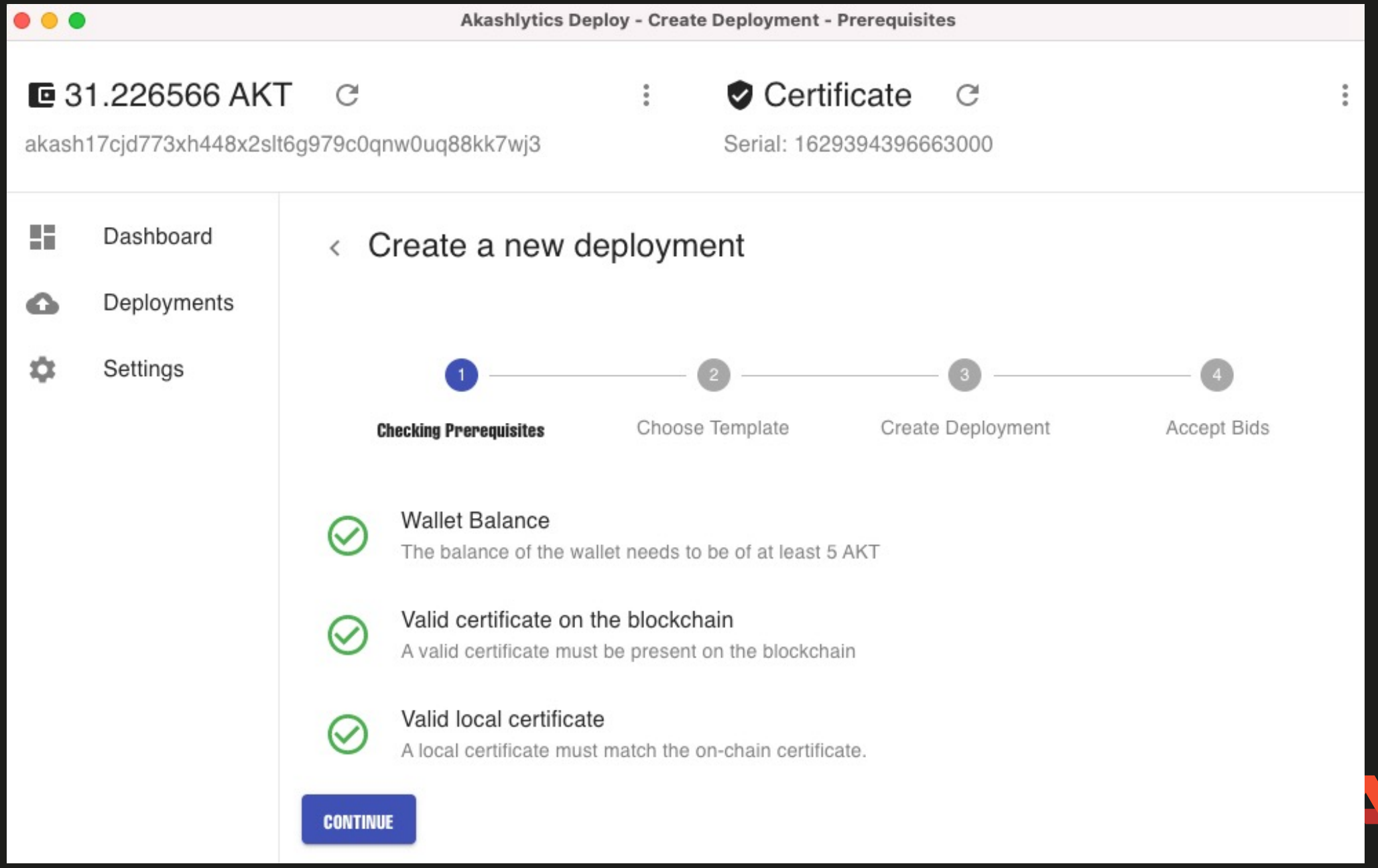
Akashlytics Deploy - Create Deployment - Prerequisites
31.226566 AKT
akash17cjd773xh448x2slt6g979c0qnw0uq88kk7wj3
Certificate
Serial: 16293943966663000
Dashboard
Deployments
Settings
Create a new deployment
1
2
3
4
Checking Prerequisites
Choose Template
Create Deployment
Accept Bids
Wallet Balance
The balance of the wallet needs to be of at least 5 AKT
Valid certificate on the blockchain
A valid certificate must be present on the blockchain
Valid local certificate
A local certificate must match the on-chain certificate.
CONTINUE

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在Akash云上部署NEAR

- NEAR MetaBUILD Hackathon
- Objectives:
- 1/ Run NEAR chain node and validator node on the Akash decentralized cloud
- 2/ Containerize instances and initialize them on the network
- https://metabuild.devpost.com/details/sponsor-challenges#h_80675816862516396252344 76

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Developer Stack

- Multiple–Chain: Ethereum/Cosmos/NEAR
- Akash: Host middleware and APIs
- Storage: Backup DB and serve content over CDN (storj, filebase,Arweave..)
- Handshake: Decentralized DNS
- NFT: Flow chain

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Akash Developer Grant Program

- $100 Initiate Grant
- $1,000 Seed Grant
- $10,000 Incubator Grant
- $100,000 Accelerator Grant

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新年期待的roadmap

- GPU
- Ethereum Bridge – To get AKT on various exchanges
- Persistent Storage
- Network Upgrade

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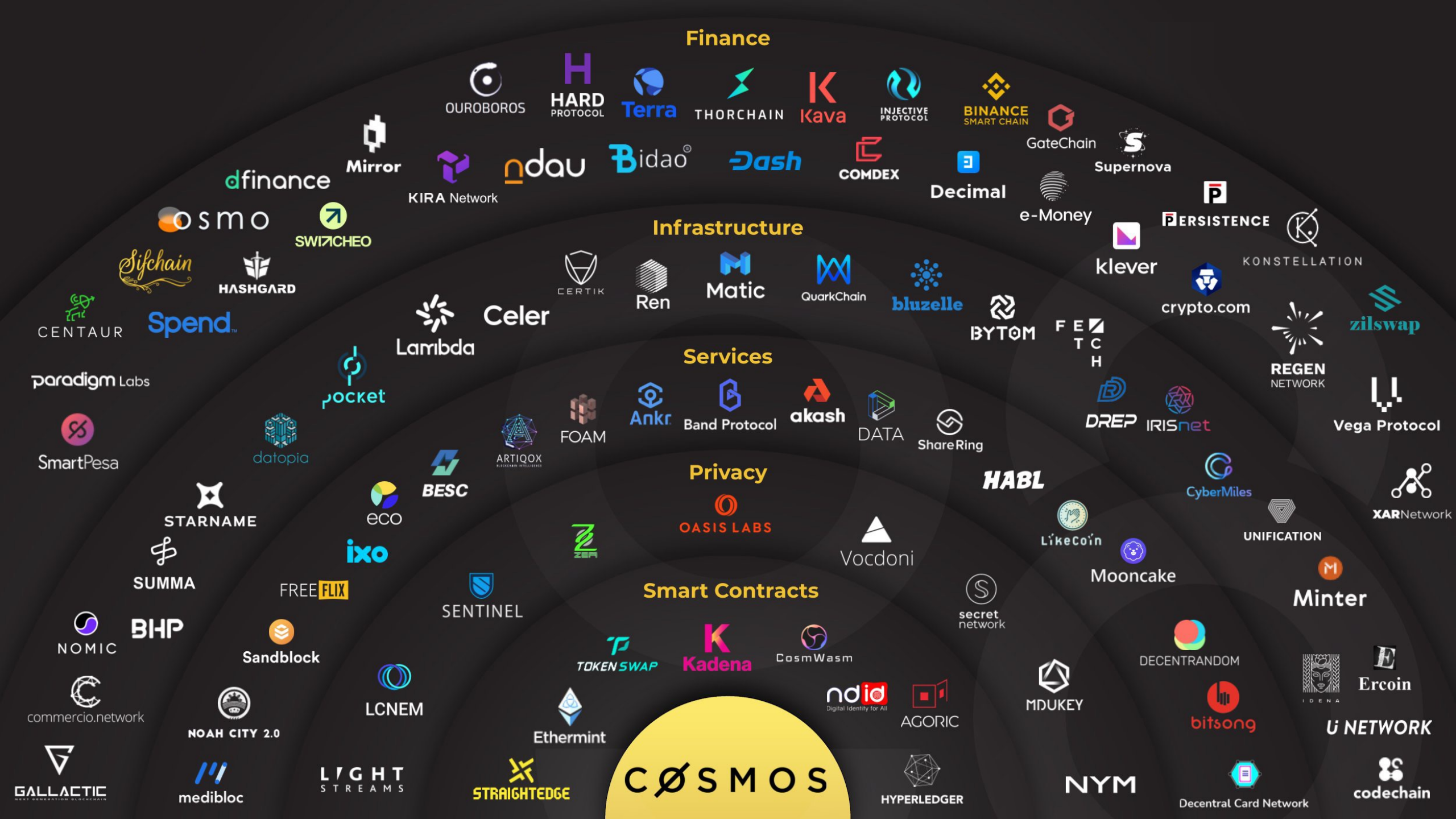
Finance
OUROBOROS
HARD PROTOCOL
Terra
THORCHAIN
Kava
INJECTIVE PROTOCOL
BINANCE SMART CHAIN
GateChain
Supernova
Mirror
dfinance
KIRA Network
ndau
Bidao
Dash
COMDEX
Decimal
e-Money
PERSISTENCE
KONSTELLATION
osmo
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Spend
Celer
Lamibda
BYTOM
FETCH
zilswap
Services
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paradigm Labs
Ankr
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DREP
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REGEN NETWORK
Vega Protocol
SmartPesa
datopia
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BESC
HABL
CyberMiles
STARNAME
eco
OASIS LABS
LikeCoin
UNIFICATION
XARNetwork
ixo
ZEA
Vocdoni
Mooncake
SUMMA
FREE FLIX
SENTINEL
Smart Contracts
secret network
Minter
NOMIC
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Kadena
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GALLACTIC
medibloc
LIGHT STREAMS
STRAIGHTEDGE
COSMOS
HYPERLEDGER
NYM
Decentral Card Network
codechain

福利

- 加入Akash电报群
- 前20名首次加入用户10 AKT
- 先到先得

Thank you