

Octopus Network 的 NEAR 智能合约实践

Rivers @ Octopus Network



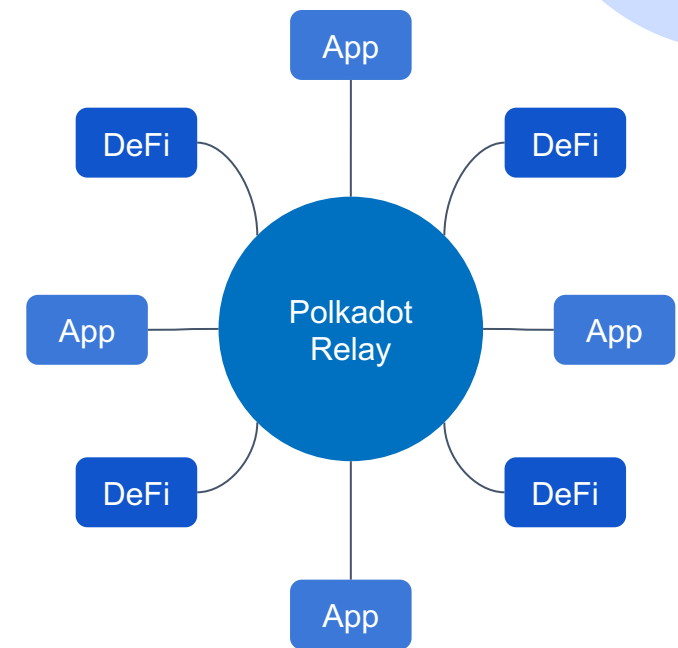
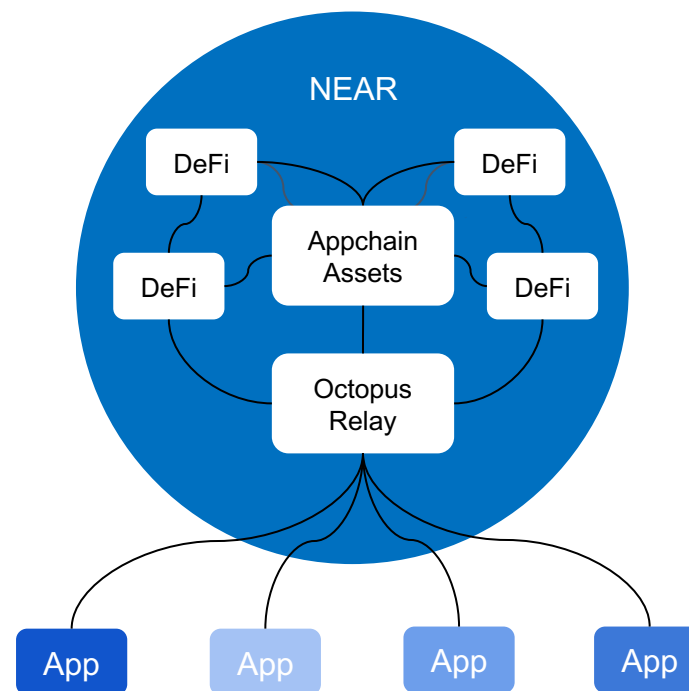
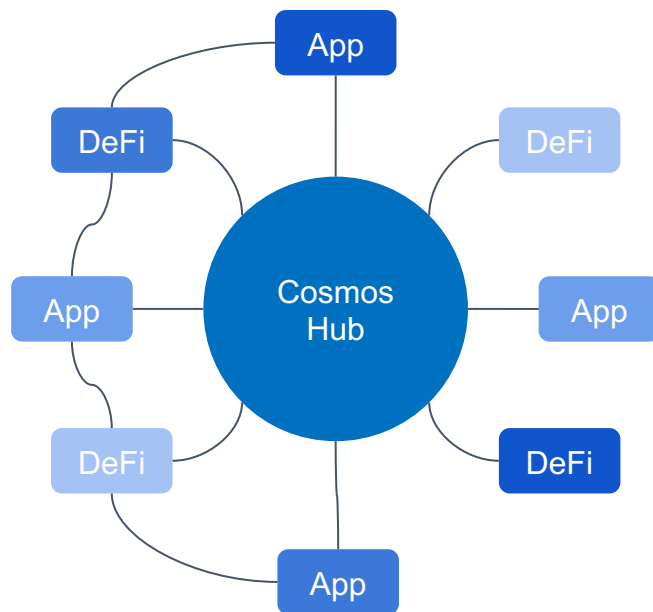


What is Octopus Network?

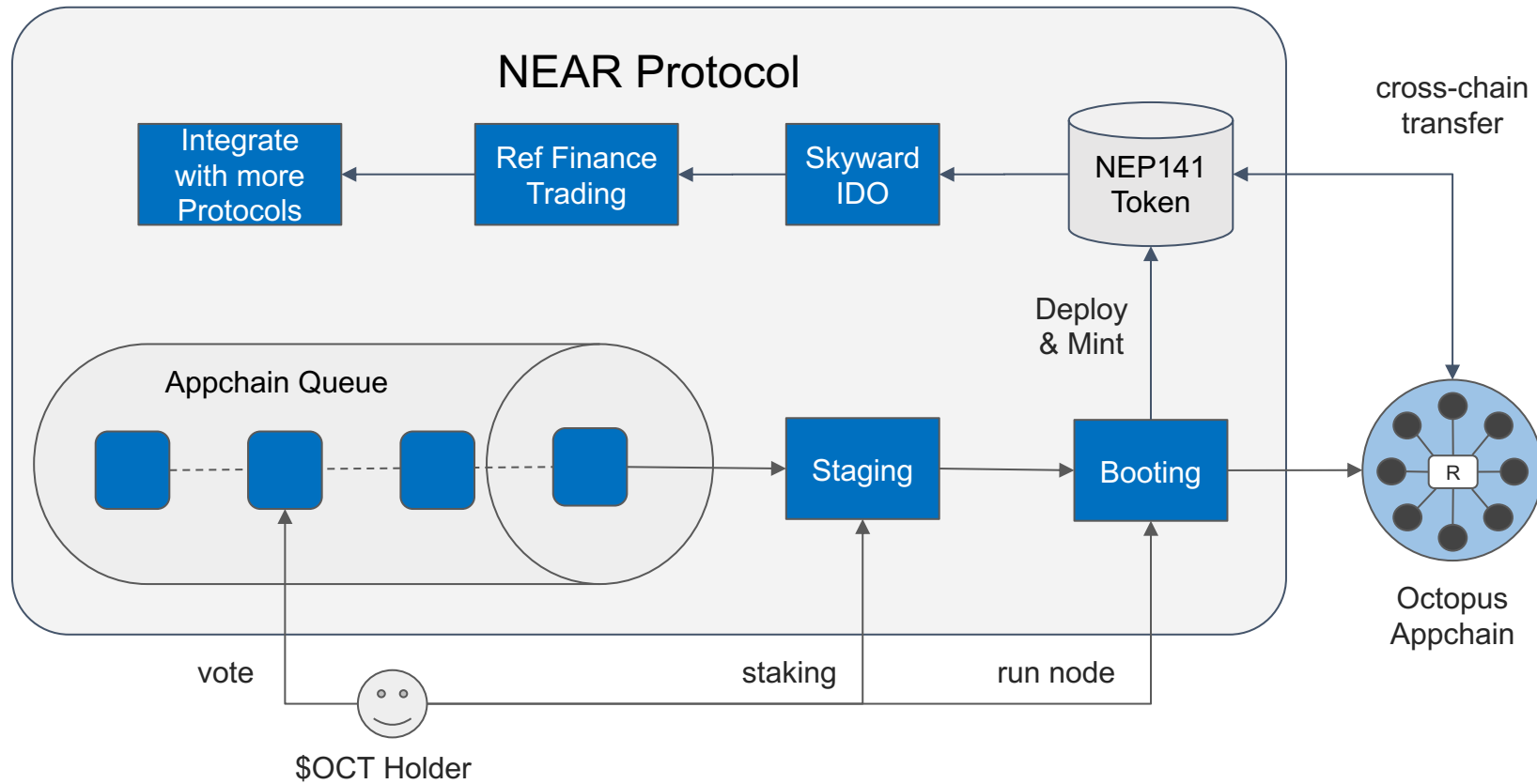


<https://oct.network/>
<https://mainnet.oct.network/home>

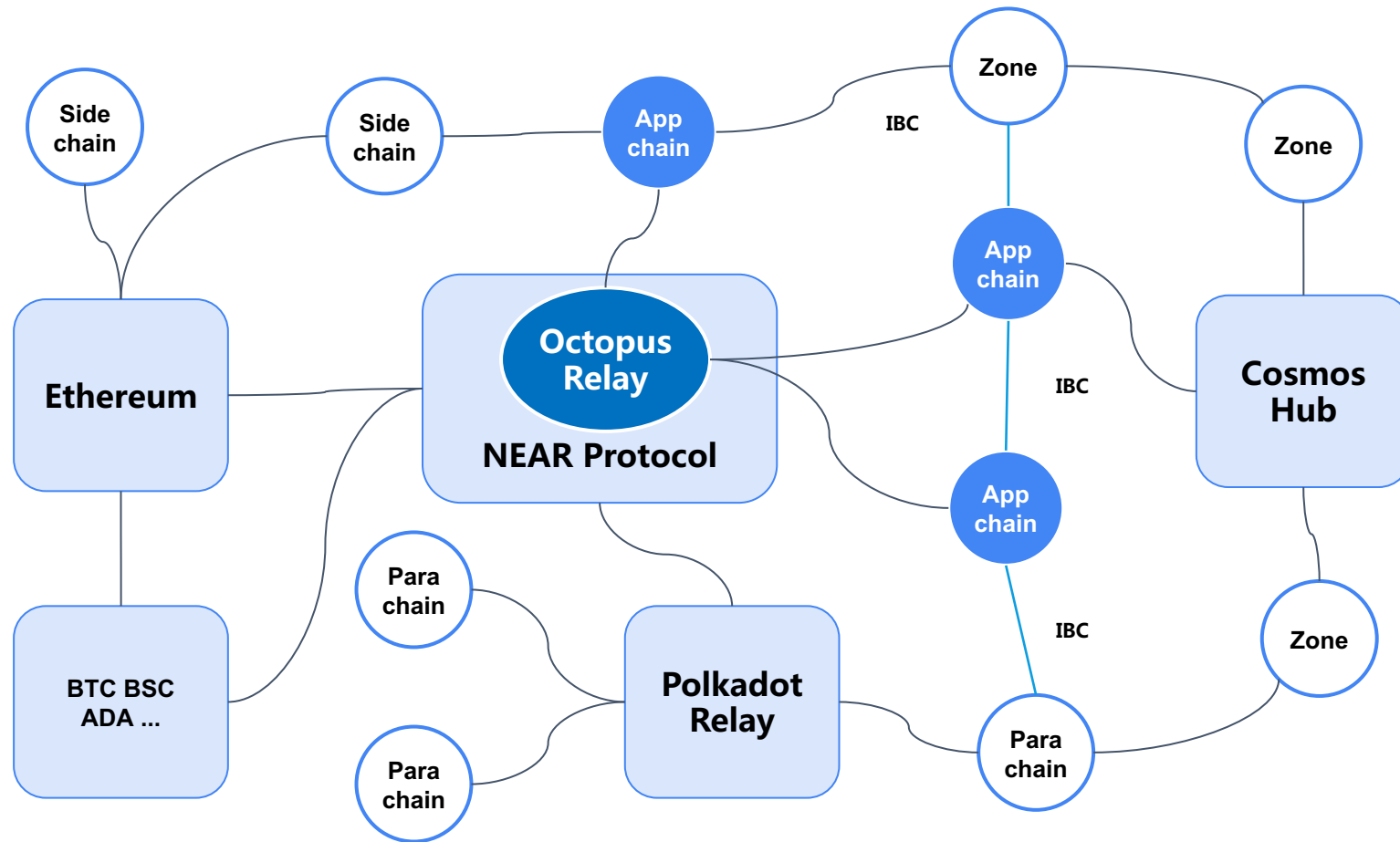
Multi-chain Networks Comparison



NEAR-Octopus Symbiosis

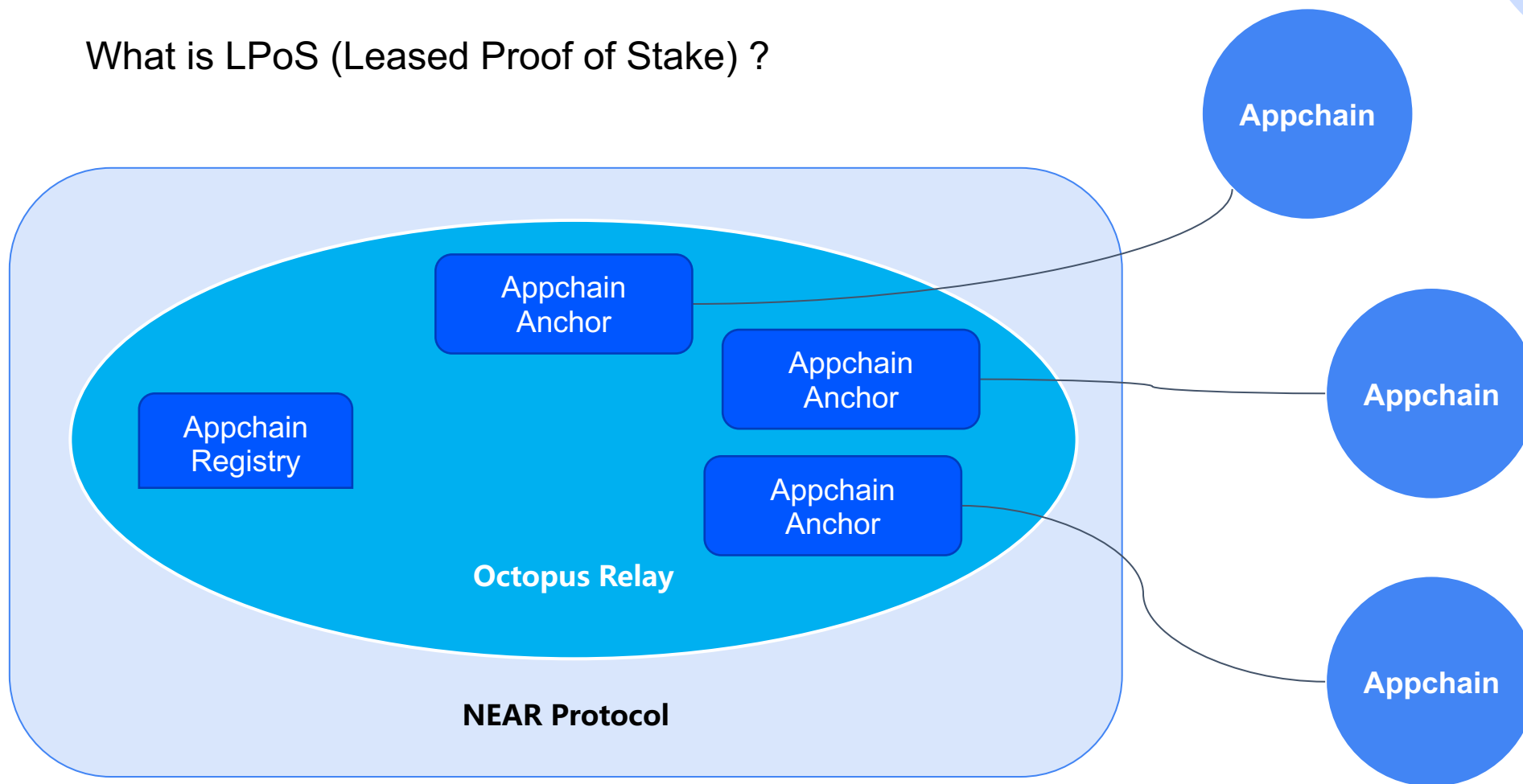


Internet of Blockchain



Octopus Relay

What is LPoS (Leased Proof of Stake) ?

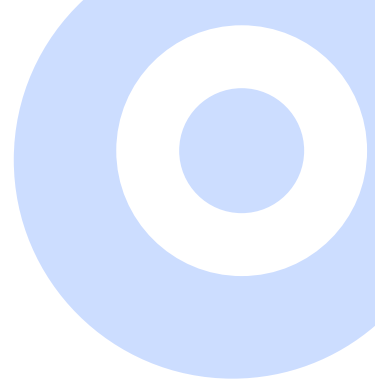


Appchain Registry Contract

- Manage registry settings
- Manage registry roles
- Register appchain
- Transfer ownership of an appchain
- Manage the lifecycle of appchains
- Count voting score of appchains
- Upvote or downvote for an appchain
- Withdraw upvote or downvote deposit
- Pause or resume asset transfer

<https://github.com/octopus-network/octopus-appchain-registry>

Appchain Anchor Contract



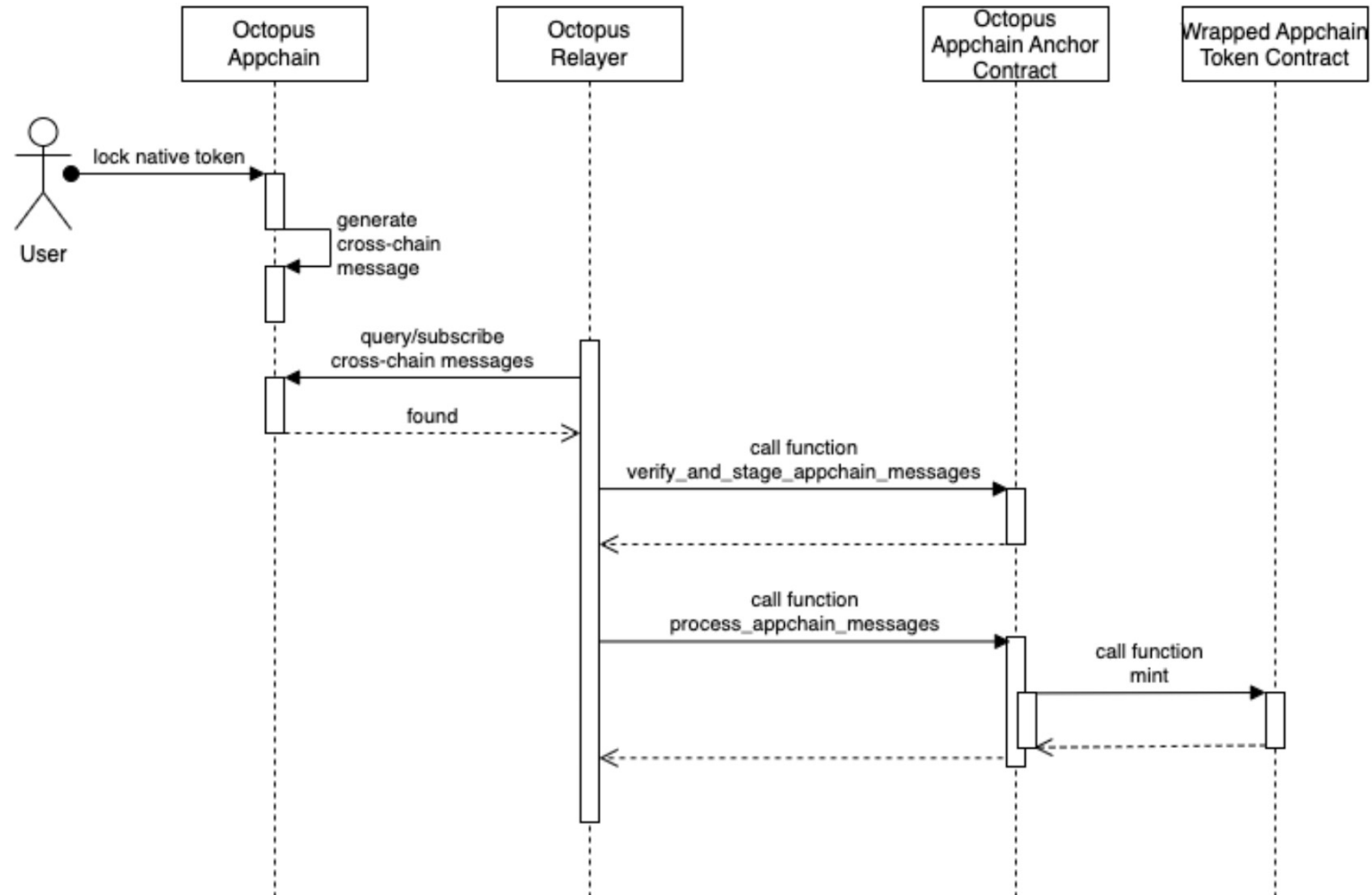
- Manage appchain settings, anchor settings and protocol settings
- Manage cross-chain assets (wrapped appchain token, near fungible token, wrapped appchain non-fungible token)
- Manage staking (manage validator set) for appchain
- Distribute reward of appchain staking
- Withdraw reward
- Manage appchain lifecycle
- Pause or resume asset transfer, rewards withdrawal

<https://github.com/octopus-network/octopus-appchain-anchor>



Sample of Cross-Chain Asset Transfer

Transfer appchain native token to NEAR protocol





Talk is cheap. Show me the code!



Thanks !

