

Overview:

Take <https://github.com/ovrclk/cosmos-omnibus> even further and build a full-scale application, including FE, that allows for one-click launching of Cosmos SDK nodes on Akash. This could bring a lot of Cosmos validators off of Web2 cloud into Web3 cloud. This would allow for the selection of testnet or mainnet and, automatically pull in the genesis files based on the selections and then download snapshots automatically (if selected) for the chain for quicksyncing. This would not only lower the cost of running nodes/validators but also move nodes/validation (which lives on the web2 cloud) into web3 cloud! Cool stuff!

Implementation:

Use Svelte to build the frontend and build a backend that integrates with Omnibus and quick syncing snapshot services like <https://quicksync.io/> to start. The backend would use this to deploy on the Akash Network and then display RPCs, APIs, etc where you can access the nodes. Leave it open source for anyone to deploy like Akashlytics Deploy Tool or we can automate the deployment onto Akash and then have a place people can go without having to deploy it.

Design Ideas:

Easy, basic interface. Connect wallet. A list of symbols for each chain appears that once clicked on walks them through a guide that asks “Mainnet or Testnet?”. “Quicksync or regular sync?” Etc, etc. Launches node on the Akash Network via Docker and then via connecting a wallet allows the user to see and display the RPC’s, APIs, etc that allows you to access the node.