

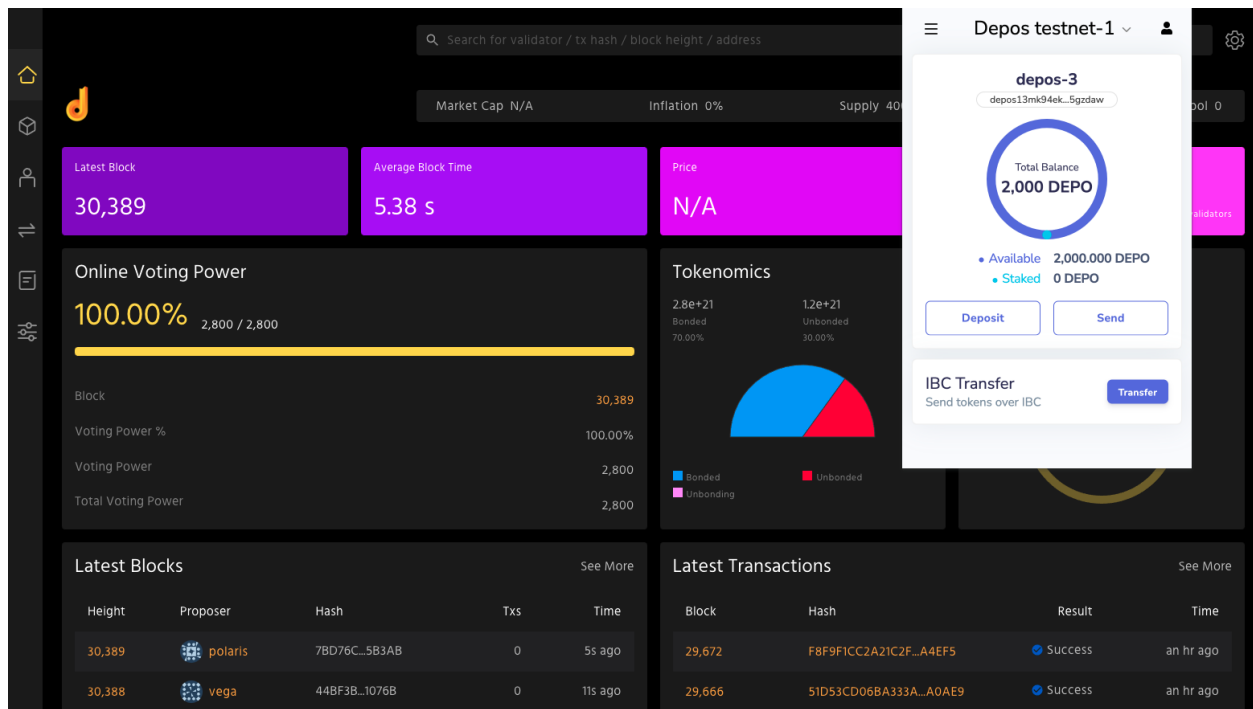
High-level Overview of Depo Blockchain

What is Depo Blockchain

Depo Blockchain is a scalable, high-throughput Proof-of-Stake blockchain that is fully compatible and interoperable with EVM and Solidity smart contract systems. It's built using the Cosmos SDK, Tendermint Core consensus engine, and EVM (Ethereum) module.

Depo Blockchain is fully compatible with all of Ethereum's development environments and tools. Solidity smart contracts developed for Ethereum can be deployed on Depo Blockchain without any change. This opens Depo Blockchain up to the largest smart contract development community in the world now.

Depo Blockchain is built on top of the Cosmos SDK, it will be able to exchange value with blockchains (zones and hubs) in the Cosmos Ecosystem through the Inter Blockchain Communication Protocol (IBC), and with Ethereum through Gravity Bridge.



What makes Depo Blockchain special

Key features of Depo Blockchain:

- Off-Chain computation for Web3, DeFi, Metaverse applications
- EVM compatibility
- High throughput via Tendermint Core
- Horizontal scalability via IBC
- Fast transaction finality

Through Tendermint's ABCI and the modular design of Cosmos SDK, Depo Blockchain achieves EVM compatibility, high throughput, and horizontal scalability. Cross chain interoperability is achieved through the Inter-Blockchain Communication (IBC) module. A fully EVM compatible Web3 JSON-RPC layer makes Depo Blockchain ready for interacting with existing Ethereum clients and tooling (Metamask, Remix, Truffle, Solidity, etc).

Off-chain computation

One key differentiating factor that makes Depo Blockchain unique is its off-chain computation functionality. The off-chain computation module allows validators to run arbitrary off-chain worker processes and return the computation results on chain state modification.

Depo Blockchain off-chain workers are able to run non-deterministic code (real world computation), such as API calls, https requests, and other arbitrarily complex computations. Due to the modular design of Depo Blockchain architecture, application developers have the flexibility in defining the method of reaching consensus of off-chain computations.

DeFi, NFT, and Metaverse Ready

With Depo Blockchain' unique off-chain computation functionality, more complex and sophisticated DeFi, NFT and Metaverse applications can be developed, especially those sophisticated applications that need more access to off-chain data and computation.

Depo Blockchain offers developers vastly more freedom in designing and implementing rich applications that connect to off-chain data sources and existing enterprise applications.

In summary, Depo Blockchain is a scalable, high-throughput Cosmos based blockchain that is fully compatible and interoperable with EVM and Solidity smart contract systems with unique off-chain computation capabilities targeting sophisticated and complex DeFi, NFT, and Metaverse use cases in the real world.