

Shardeum Liberty (Alphanet) Is Now Live

Start deploying smart contracts and DApps on the alphanet



Zug, Switzerland Apr 26, 2022 ([Issuewire.com](https://www.issuewire.com)) - We're thrilled to share that Shardeum Alphanet 1.0, i.e., [Shardeum Liberty](#) was launched on Tuesday, April 26, 2022, at 9:30 PM IST (4 PM UTC).

Watch YouTube Live of the launch [here](#).

<https://www.youtube.com/watch?v=ZY-tOTbvd5M>

Why "Liberty"? After winning with a majority of community votes, we decided to name Shardeum releases after popular monuments around the world. The Statue of Liberty is recognized as a universal symbol of freedom and democracy. It embodies hope and opportunity for those seeking a better world and life. Similarly, Shardeum aims to bring wider inclusion and decentralization to the world.

During the Shardeum Liberty launch, we will demonstrate how you can deploy smart contracts and DApps on the network. You can follow our developer documentation to start deploying smart contracts and DApps on the alphanet. Simultaneously, the network performance will be analyzed by the Shardeum Foundation's developer team to identify improvement opportunities. Shardeum is an EVM based smart contract platform, so you can easily migrate Ethereum DApps to the Shardeum network.

Added bonus: You will never have to worry about rising gas fees again!

Which features should you expect in the Liberty Phase 1?

- Send transactions
- Deploy smart contracts

- 30 node unsharded network operated by Shardeum, 20 [validator](#) nodes, 10 [standby](#) nodes, and 5 [archive](#) nodes.
- Rotation of standby and validator nodes
- Faucet to distribute SHM

The Phase 2 will support:

- 120 node sharded network operated by Shardeum, 100 validator nodes and 20 standby nodes and 5 archive nodes
- Shard size of 20 nodes
- EIP2930 transactions (for the time being)

How to build DApps on Shardeum Liberty?

- Please read the developer documentation [here](#)
- Get BUIDLing

Developers building on Shardeum Liberty can use [this form](#) to share more information about their DApps. Top innovative DApps will be rewarded from the ecosystem fund. We'll share more info on it soon.

Shardeum uses Proof-of-Quorum (PoQ) and Proof-of-Stake (PoS) as consensus mechanisms to help secure the network through the trustless collection of votes and staking by validator nodes. Consensus on the network is done at transaction level instead of block-level and transactions are processed parallelly on the network rather than sequentially as with block-level consensus. This further results in immediate finality and low latency which prevents network congestion which you find in many blockchain networks today.

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About Shardeum:

Shardeum is the world's first layer 1 (L1) blockchain that solves the scalability trilemma. It will be capable of scaling linearly with high decentralization and solid security at any given time. Furthermore, it is an EVM-based smart contract platform with low gas fees forever. The network aims to onboard billions of daily users and numerous DApps to Web3 in the future. Shardeum's smart contract platforms are deployed in developer and user-friendly programming languages - Solidity and Vyper.

More info: <https://shardeum.org/>

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