

# Project Rating Update

## IOST

Unchanged

### **B** Stable Outlook

Analyst | Bill Xiong  
Dec 2018

#### Current Stage

IOST is a highly scalable, high-throughput development platform using EDS (Efficient Distributed Fragmentation) technology and Proof-of-Believable (Confidence Proof Consensus Mechanism).

The IOST test network Everest 2.0 has been launched. While the final test version of the mainnet is scheduled to be launched in February 2019, Everest 2.0 includes smart contracts, IOST virtual machines, a high-performance storage layer and other functions, which are consistent with the mainnet and support DApp development. The IOST team's Flagship DApp collaboration project is currently in the third phase, with the aim to develop DApps with other teams in all areas in the IOST network.

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#### IOST 2018 Performance

PoB Consensus Mechanism Test

✓ Completed

Q  
2

PoB (Confidence Proof Consensus Mechanism) has been launched and tested. PoB hopes to solve the node's evil and network performance problems at the same time, and evaluates the trustworthiness of the node depending on many factors such as the token balance and community contributions.

IOST Smart Contract Framework and Development Documentation

Q  
3

✓ Completed

IOST public test network Everest 1.0 launched, smart contract supports JavaScript language

✓ Completed

IOST test network Everest 2.0 launched

✓ Completed

Q  
4

Everest 2.0 is basically consistent with the mainnet in performance, including smart contracts, IOST virtual machines, a high-performance storage layer and other functions. It also supports the development of DApps.

# IOST

Rating **B**

Outlook	Stable
Label	General Platform
Total Supply	21,000,000,000
In Circulation	8,400,000,000

## Score

### TEAM



### PROJECT



### ECOSYSTEM



## Analyst

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1 Sep 2018

## Risk

IOST is a scalable and decentralized blockchain platform which provides a user-friendly ecosystem for developers to incubate their big ideas. Its testnet was launched this June 2018, and the mainnet is planned to be released in 2019. It faces fierce competition from other general platforms, such as Ethereum, Zilliqa and more. In addition, the distribution of its tokens are relatively concentrated.

## Summary

### Team

#### Founder, Jimmy Zhong

- Bachelor in Science, Mathematics and Computer Science in Emory University
- 2017 - Present: Co-Founder of IOST, Co-Founder CEO of Dora
- 2014 - Present: Network Founder of 500 Startups

#### Co-Founder, Terrence Wang

- Master of Computer Science in Princeton University
- 2015 - 2017: Soft Engineer of Uber

### Project

The project is a blockchain paradigm implementing Efficient Distributed Sharding (EDS) and Proof of Believability (POB) consensus mechanisms to provide horizontal scalability and high transaction throughput.

#### Efficient Distributed Sharding (EDS)

It is a sharding scheme that makes shards sufficiently larger and strongly bias-resistant via a combination of a client-server randomness scavenging mechanism and leader election via cryptographic sortition.

#### Proof of Believability (PoB)

It is a Byzantine consensus protocol with a Believable-First approach that guarantees safety and liveness of the system while largely maximizing the transaction throughput by size-one-sharding.

#### Micro State Block (MSB)

It is a novel mechanism to minimize the storage and bootstrapping costs for validators.

#### Transactions per Second(TPS)

The IOS system is able to process up to 100,000 secure transactions per second.

### Ecosystem

**Market Cap:** \$ 135,281,493

**Ranking:** 55

#### Community Popularity

The followers of Twitter is about 216,000

The members of Telegram is about 88,471

AAA: The technical foundation is extremely solid and project risk is extremely low.

AA: The technical foundation is very solid and project risk is very low.

A: The technical foundation is solid and project risk is relatively low.

BBB: Technical feasibility is very good and project risk is controllable.

BB: Technical feasibility is good and the risk of the project is moderately controllable.

B: Technical feasibility is moderate and project risk is limited to a controllable extent.

CCC: The technical foundation or idea has certain problems and the project has relatively large risks.

CC: The technical foundation or idea has considerable problems and the project carries large risks.

C: The technical foundation or idea has substantial problems and the project suffers from extremely large risks.

D: The project is riddled with problems and carries an extremely high risk of failure.

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