



WHITEPAPER · VERSION 3.0

Ozone Chain

The 5-Layer Blockchain

An EVM-compatible public blockchain built with the Cosmos SDK and secured by CometBFT consensus.

LAYER 5 Applications

LAYER 4 Execution · EVM

LAYER 3 Application · Cosmos SDK

LAYER 2 Consensus · CometBFT

LAYER 1 Network · P2P

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3.0

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**Ozone Automation
Technologies Inc.**

Status

**Supersedes all
earlier versions**

ABSTRACT

A public blockchain built in five layers

Ozone Chain is a public 5-layer blockchain. Its five layers (Network, Consensus, Application, Execution and Applications) combine the Cosmos SDK, CometBFT consensus and the Ethereum Virtual Machine (EVM). Applications get single-block finality and low fees, while developers keep using Solidity, MetaMask and the standard Ethereum toolchain.

OZONE is the network's native coin. It pays transaction fees, secures the chain through delegated staking and carries voting power in on-chain governance. OZONE has a fixed maximum supply of 50,000,000, an initial supply of 50,000 at launch, and a supply that can only shrink through burning.

This paper describes the network's architecture, consensus and governance, the OZONE token model, the application ecosystem and the roadmap from mainnet genesis on 1 July 2025.

At a glance

50,000,000

Maximum OZONE supply

1 block

Finality, ~4.8 s block time

74

Active validators

8.16M

Transactions since genesis

1.63M

Addresses

5 live

Applications of 25 planned

On-chain figures from ozonescan.com, 20–21 October 2026. Validators counted across the latest 2,000 blocks.

SECTION 01

Introduction

Most applications must choose between Ethereum's developer ecosystem and the speed and cost of newer chains. Ozone Chain removes that trade-off by running the EVM on a Cosmos SDK chain with CometBFT finality.

1.1 The problem

Slow finality

On many chains a payment is only safe after several confirmations, too slow for checkout, gaming and trading.

Unpredictable fees

Congestion on large networks makes small payments and frequent in-app actions uneconomic.

Costly migration

Chains with their own virtual machine force teams to rewrite contracts, rebuild tooling and retrain developers.

1.2 Ozone Chain's approach

- 1 Instant finality.** A block is final the moment it is committed, with no reorganisations.
- 2 Low, stable fees** paid in OZONE.
- 3 Full EVM compatibility.** Existing Solidity contracts, wallets and developer tools work without changes.
- 4 Public governance.** OZONE stakers decide network upgrades and parameters on-chain.
- 5 One ecosystem, one coin.** Wallets, payments, commerce, media and public-infrastructure applications all settle in OZONE.

SECTION 02

Network overview

Ozone Chain mainnet has run continuously since genesis on 1 July 2025.

Network type	Public, permissionless 5-layer blockchain
Framework	Cosmos SDK
Consensus	CometBFT, delegated Proof-of-Stake
Finality	Single block (instant)
Execution	Ethereum Virtual Machine
Native coin	OZONE (18 decimals)
Chain ID	10121 (0x2789)
Mainnet genesis	1 July 2025
Average block time	~4.8 seconds (October 2026)
Nodes	100+ (validators and full nodes)
Active validators	74 (latest 2,000 blocks, 21 October 2026)
Public RPC	https://chain.ozonescan.com
Exchanges	LBank, KoinBX (India, FIU-IND registered)
Website	ozonechain.com
Mainnet explorer	ozonescan.com
Testnet explorer	testnet.ozonescan.com

Network activity

14,641,529 Blocks produced	8,160,233 Total transactions	1,627,112 Addresses	11.3k–18k Daily transactions	0.01 Gwei Gas price
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Source: ozonescan.com, 20 October 2026. Daily range covers the previous 30 days.

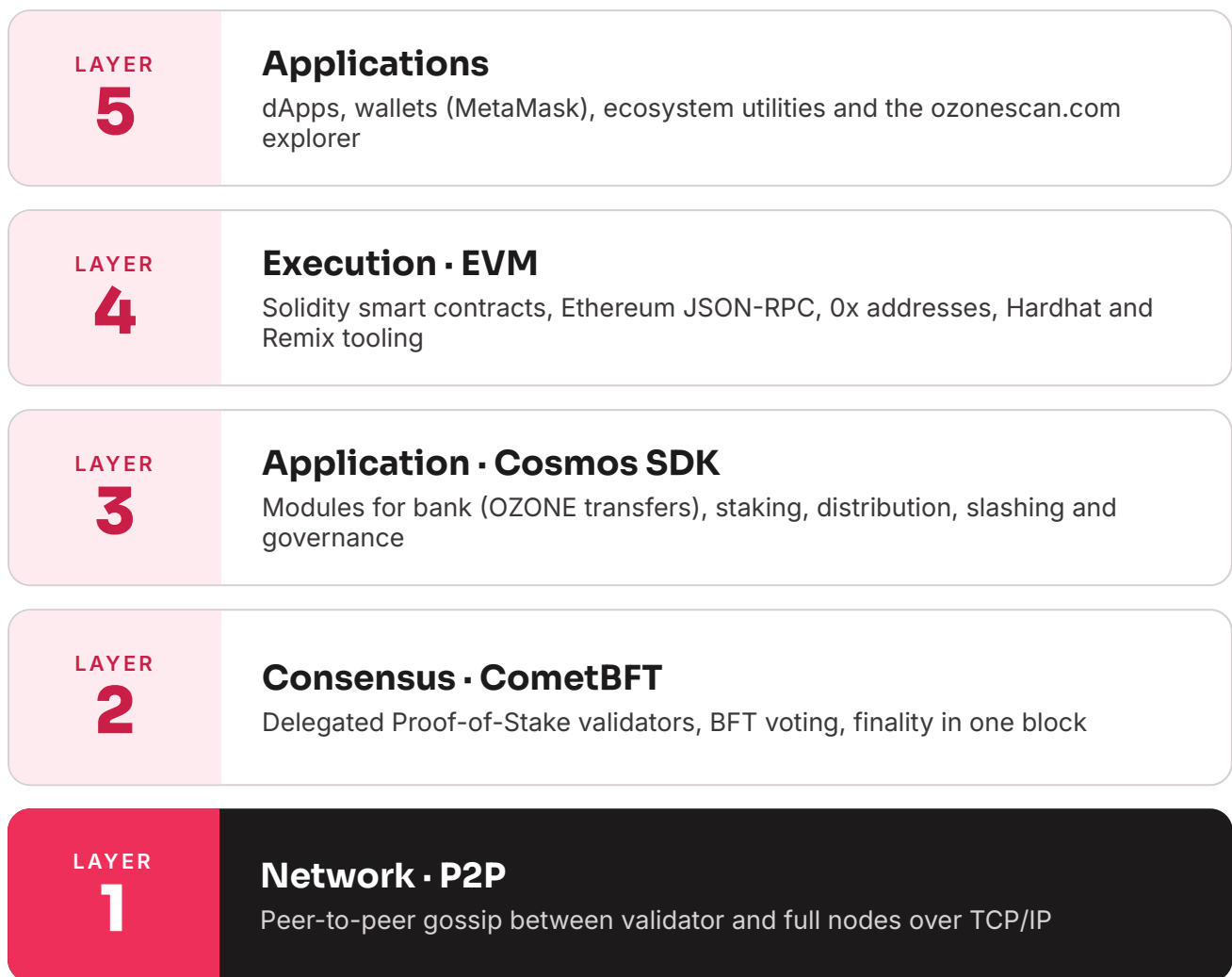
SECTION 03

The 5-Layer Architecture

Each layer has one job, and each can be upgraded without disturbing the others: Network moves data, Consensus orders and finalises it, Application keeps the state, Execution runs smart contracts, and Applications serve users.

USERS AND DEVELOPERS

FIGURE 1



VALIDATORS AND FULL NODES

100+ NODES

Instant finality

Committed blocks are final; no reorganisations.

Ethereum tooling

Solidity, MetaMask and JSON-RPC work unchanged.

Modular upgrades

Each layer evolves through on-chain governance.

The five layers in detail

3.1 · LAYER 1

Network

Validator and full nodes exchange transactions and blocks over a peer-to-peer gossip protocol. Any party can run a full node and verify the whole chain independently, without trusting a third party.

3.2 · LAYER 2

Consensus (CometBFT)

CometBFT is a Byzantine Fault Tolerant engine. Validators propose and vote on each block in rounds; a block commits once validators holding more than two-thirds of voting power sign it. A committed block is final and cannot be reorganised.

3.3 · LAYER 3

Application (Cosmos SDK)

The state machine is built with the Cosmos SDK, a modular framework used by many production blockchains. Its modules run OZONE transfers (bank), staking, reward distribution, slashing and on-chain governance.

3.4 · LAYER 4

Execution (EVM)

An EVM module executes Ethereum smart contracts inside the Cosmos SDK application. Solidity contracts deploy unchanged through the standard JSON-RPC interface; MetaMask, Hardhat and Remix work out of the box with familiar 0x addresses.

3.5 · LAYER 5

Applications

Where users meet the chain: wallets, payment apps, games, marketplaces, enterprise tools and the ozonescan.com explorer. Every application settles in OZONE and inherits the security and finality of the four layers beneath it.

3.6 · FEES

Paid in OZONE

Every transaction pays a gas fee in OZONE. Fees go to validators and delegators through the distribution module, rewarding the operators who secure the network. Current gas price: 0.01 Gwei.

SECTION 04

Consensus, validators and staking

Ozone Chain is secured by validators who stake OZONE and can lose part of that stake if they misbehave.

4.1 Validators

Ozone Chain is a public network: anyone who meets the minimum self-bond of OZONE can run a validator. More than 100 nodes, validators and full nodes together, run the network. Voting power equals a validator's own stake plus OZONE delegated to it.

100+

Nodes running the network

74

Validators in the latest 2,000 blocks

5.9%

Share of the most active validator

47%

Share of the ten most active

Block production measured on ozonescan.com, 21 October 2026. No single operator or small group controls the chain.

4.2 Delegation

Holders who do not run a node can delegate OZONE to a validator. Delegated coins stay owned by the delegator; they add to the validator's voting power and earn a share of its fees, minus commission.

4.3 Rewards

Validators and delegators earn the transaction fees paid on Ozone Chain, in OZONE, in proportion to their stake and uptime. Fees are distributed automatically every block.

4.4 Slashing

Double-signing: a share of stake is slashed and the validator is removed.

Extended downtime: a smaller share is slashed and the validator is jailed. Penalties also apply to delegations.

4.5 Unbonding

Staked OZONE is released after an unbonding period. During this period the coins earn no rewards and can still be slashed for earlier misbehaviour.

SECTION 05

On-chain governance

Changes to Ozone Chain's parameters and software are decided by OZONE stakers through on-chain votes, operating as a DAO.

What the DAO decides

Network
parameters

Chain software
upgrades

Monthly allocation
releases

Spending from
community funds

How a proposal moves

1

Proposal

Any OZONE holder submits a proposal with a deposit.

2

Deposit period

The proposal enters voting once it reaches the minimum deposit.

3

Voting period

Staked OZONE votes Yes, No, No with veto or Abstain; delegators vote directly or inherit their validator's vote.

4

Tally

A proposal passes when it meets quorum and the passing threshold.

5

Execution

Parameter changes apply automatically; upgrades activate at the block height named in the proposal.

DAO

The majority of staked OZONE and of validator nodes is held by the community, not the founding team. Because voting power comes from staked OZONE, the public that secures the network is the public that steers it.

SECTION 06

OZONE token

OZONE has a hard cap of 50,000,000 coins; 95% is reserved for ecosystem rewards and only 2% goes to the team.

6.1 Utility

Gas

Pays for every transaction and contract call.

Staking

Validators and delegators stake it to secure the network.

Governance

Staked OZONE is voting power in proposals.

Payments

Ecosystem applications accept and settle in it.

6.2 Supply

50,000,000

Maximum supply, can never increase

50,000

Initial supply at launch

Deflationary

Supply only shrinks through burning

6.3 Distribution



Allocation	Share	OZONE	Release
 Ecosystem Rewards	95%	47,500,000	Through the NFTWall program
 Team	2%	1,000,000	Monthly over 10 years, DAO-approved
 Liquidity	1%	500,000	Monthly over 10 years, DAO-approved
 Research & Development	1%	500,000	Monthly over 10 years, DAO-approved
 Server Infrastructure	1%	500,000	Monthly over 10 years, DAO-approved
Total	100%	50,000,000	

SECTION 07

Ecosystem

Twenty-five applications are planned on Ozone Chain: five are live today and twenty are in active development. Each uses OZONE for payments or fees, tying real usage to the coin.

Live today

Ozone Chain

LIVE

Core network

The 5-layer EVM blockchain. OZONE pays gas, secures staking and carries governance votes.

ozonechain.com

NFTWall

LIVE

NFT marketplace and ecosystem rewards

Mint, buy and trade NFTs on Ozone Chain. Distributes OZONE ecosystem rewards to participants.

nftwall.io

Meta Predict

LIVE

Prediction game · Android

Players predict whether Bitcoin's price goes up or down in 60-second rounds, using OZONE.

metapredict.io

PromoZone

LIVE

Promotions and shopping

Converts Promo NFTs into shopping coupons redeemable at participating online and offline merchants.

promozone.io

SpinZone

LIVE

Gaming

A live game application in the Ozone Chain ecosystem.

Meta Ludo

LIVE

Gaming

A Ludo board game in the Ozone Chain ecosystem.

In active development

Twenty applications across four categories, each built to settle in OZONE.

WALLETS, PAYMENTS AND TRADING

Like Wallet

Self-custody wallet for multiple crypto assets

OzoPay

Crypto payments that integrate with merchant platforms

ODEX

Decentralised exchange with liquidity pools and automated market making

OzoneX

Crypto exchange with trading fees paid in OZONE

Wild Card

Crypto card for ATM withdrawals and purchases

COMMERCE AND TRAVEL

FlyZone

Flight booking paid in OZONE, with rewards

OzoStay

Accommodation booking paid in OZONE, with rewards

Real Zone

Real-estate brokerage platform settling in OZONE

Secured Trade

Trading-protection plans purchased with OZONE

Cash Gain

Crowdfunding platform for community projects

SOCIAL, MEDIA AND GAMING

Open Style

Decentralised social media application

MetaTube

Decentralised video-sharing platform

Cloud Connect

Video conferencing platform

Battle 11

Game application

ENTERPRISE AND PUBLIC INFRASTRUCTURE

O Ledger

Retail and online billing with tamper-proof records

QROZ

QR-code product authentication against counterfeits

ONID

Self-sovereign digital identity for education, health and financial records

Votom

Blockchain voting for private and public elections

OzoSpace

Platform for creators of space-technology ideas

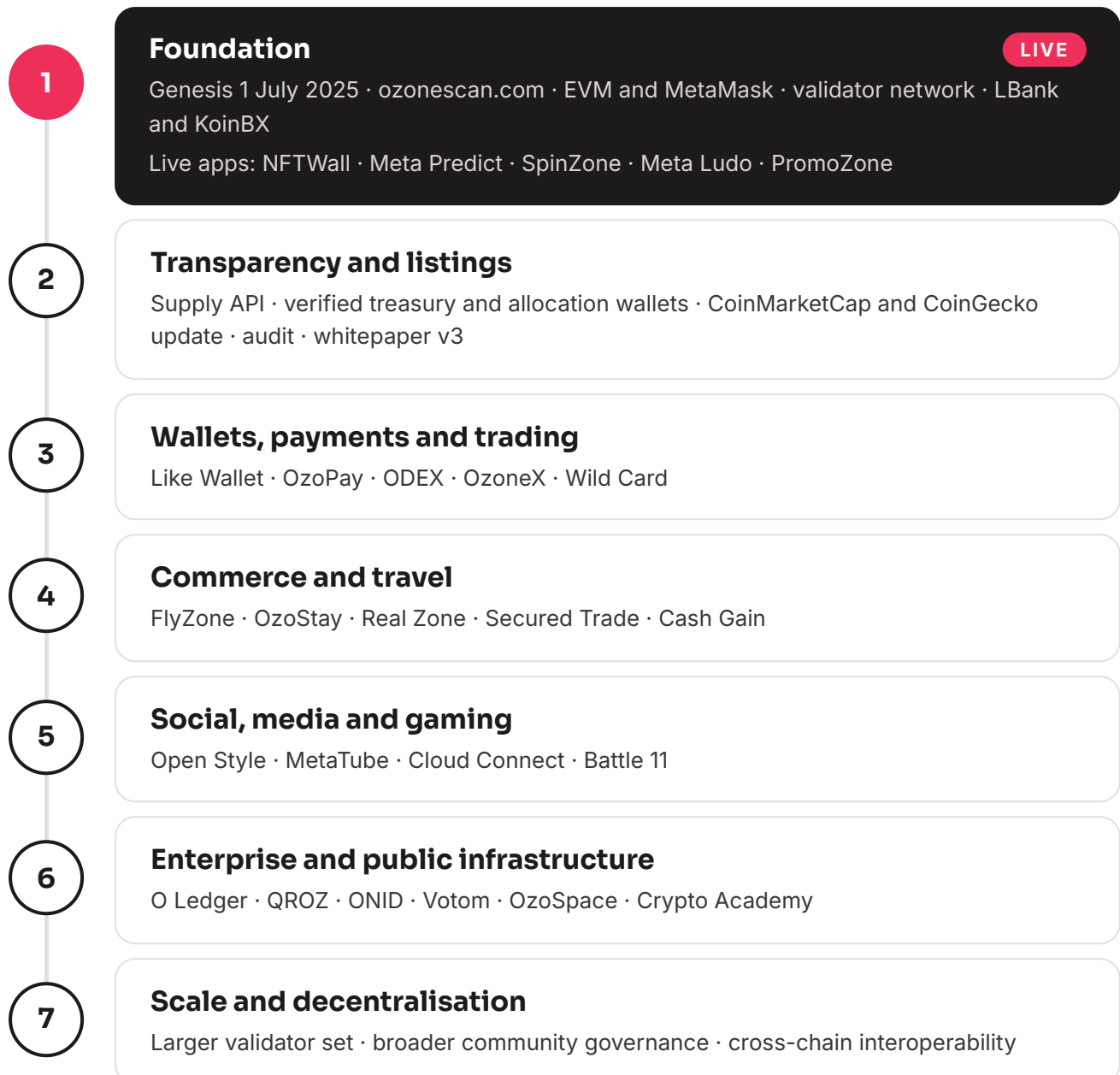
Crypto Academy

Blockchain education and courses

SECTION 08

Roadmap

The roadmap starts at mainnet genesis on 1 July 2025 and runs in phases, not dates. A phase is complete when every application in it is live; an application can launch early if it is ready.



SECTION 09

Security

Security rests on BFT consensus, economic penalties, independent audits and public verifiability.

Consensus safety

Safe while less than one-third of voting power is faulty. Committed blocks are final.

Economic security

Validators and delegators stake their own OZONE; slashing makes attacks costly.

Smart-contract audits

NFTWall contracts are audited by SolidProof, with periodic third-party reviews.

Verified contracts

Treasury and core contracts are source-verified on ozonescan.com.

Open verification

Every block, balance, burn and release is public; anyone can run a full node.

Key management

Users hold their own keys; applications are non-custodial by default.

SECTION 10

Risk factors

Technology. Bugs, consensus failures or outages could interrupt the chain.

Upstream software. Defects in Cosmos SDK, CometBFT or EVM components may affect the network until patched.

Smart contracts. Applications run their own contracts, which may hold vulnerabilities even after audit.

Validator concentration. Concentrated voting power raises collusion and outage risk.

Market and liquidity. OZONE trades on few exchanges; price can be volatile and liquidity thin.

Regulation. Digital-asset laws differ by country and may restrict access in some regions.

Key management. Lost or stolen private keys cannot be recovered by the network.

Execution. Roadmap applications may launch later, change scope or not launch.

SECTION 11

Developers and community

Ozone Chain is listed on Chainlist, so any EVM wallet or tool connects with the settings below.

Setting	Mainnet	Testnet
Network name	Ozone Mainnet	Ozone Testnet
RPC URL	https://chain.ozonescan.com	https://rpc-testnet.ozonescan.com
Chain ID	10121 (0x2789)	10120 (0x2788)
Currency symbol	OZONE	tOZONE
Block explorer	ozonescan.com	testnet.ozonescan.com

Add Ozone Chain to MetaMask

1

Open MetaMask and choose Add network

2

Select Add a network manually

3

Enter the mainnet settings above

4

Save and switch to Ozone Mainnet

Developer resources

GitHubgithub.com/ozoneofficial**Blog**medium.com/@ozonechain**Chainlist**chainlist.org/chain/10121

Community

X[@ozonechain](https://twitter.com/ozonechain)**Telegram**t.me/ozonechainofficial**Discord**discord.gg/ReJnPSkgF2**YouTube**[@ozonechainofficial](https://www.youtube.com/@ozonechainofficial)**Facebook**[/ozonechain](https://www.facebook.com/ozonechain)**Instagram**[@ozonechain](https://www.instagram.com/ozonechain)

SECTION 12

Company and legal disclaimer

12.1 Company

Company	Ozone Automation Technologies Inc.
Jurisdiction	Panama
Registration number	155765694
Founder and CEO	Emmanuel Dzeko
Website	ozonechain.com
Mainnet explorer	ozonescan.com
Testnet explorer	testnet.ozonescan.com
Ecosystem websites	nftwall.io · metapredict.io · promozone.io

12.2 Disclaimer

This whitepaper is for information only. It is not an offer to sell, or a solicitation to buy, any security, investment or financial product, and it is not financial, legal or tax advice.

OZONE is a utility coin used for network fees, staking and governance on Ozone Chain. Nothing in this document promises any price, income, yield or return. The value of OZONE can fall as well as rise, and holders can lose all of their value.

Statements about future plans, applications and timelines are forward-looking. They reflect current intentions and may change or not happen. Blockchain technology carries technical, regulatory and market risks.

Each reader is responsible for complying with the laws of their own jurisdiction, including tax and any restrictions on acquiring or using digital assets. OZONE is not intended for persons in jurisdictions where its use is prohibited. Users hold their own keys and are solely responsible for their wallets and on-chain actions.

This document may be updated. The latest version is published on ozonechain.com.

Glossary

5-Layer Architecture

Ozone Chain's five layers: Network, Consensus, Application, Execution, Applications

BFT

Byzantine Fault Tolerance: consensus that stays correct even if some participants are malicious

Block

A batch of transactions added to the chain at once

Burn

Sending coins to an unspendable address, removing them from supply permanently

Circulating supply

Coins available on the market, excluding treasury, locked and burned coins

CometBFT

The consensus engine that orders and finalises Ozone Chain blocks

Cosmos SDK

The modular framework used to build Ozone Chain's state machine

DAO

The community of OZONE stakers who decide proposals on-chain

Delegated Proof-of-Stake

Holders delegate stake to validators who produce blocks

Delegation

Assigning staked OZONE to a validator without giving up ownership

EVM

Ethereum Virtual Machine, the runtime that executes smart contracts

Finality

The point after which a transaction cannot be reversed

Gas

The fee, paid in OZONE, for processing a transaction

Genesis

The first block of Ozone Chain mainnet, produced on 1 July 2025

Slashing

Removing part of a validator's stake as a penalty for misbehaviour

Treasury

The contract that holds Ecosystem Rewards and distributes them through the NFTWall program

Unbonding period

The waiting time before unstaked OZONE becomes transferable

Validator

A node operator that proposes and signs blocks

References

1. Cosmos SDK documentation · docs.cosmos.network
2. CometBFT documentation · docs.cometbft.com
3. Ethereum Virtual Machine · ethereum.org/developers/docs/evm
4. Ozone Chain explorer · ozonescan.com
5. Network registry · chainlist.org/chain/10121

Document history

Version 3.0

October 2026

Full rewrite from mainnet genesis: 5-Layer Architecture, official tokenomics, current ecosystem and phase roadmap. Supersedes all earlier versions.



Ozone Chain

The 5-Layer Blockchain

WEBSITE
ozonechain.com

EXPLORER
ozonescan.com

CHAIN ID
10121

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Ozone Automation Technologies Inc. · Panama · Reg. No. 155765694

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