Edge Network Technologies

White Paper

A new era of cloud computing, permissionless, on-chain and owned by us all.

Preface

The Internet was envisioned as a vast, inclusive communication framework - a network of devices where information and influence were equitably shared.

Yet, this vision is now threatened. Giants like Google, Facebook, and Amazon are monopolizing the digital landscape, while influential entities attempt to dismantle net neutrality.

Imagine a scenario where this dominance is counteracted. Where we, the community, not only possess the network but also enjoy the benefits derived from its revenue.

Welcome to Edge. Envisaged as the protocol of web3, Edge is a decentralized web services platform, anchored to the blockchain, and staunchly dedicated to preserving the foundational values of the Internet by redistributing computational power.

Edge marks a transformative era in cloud services, championing peer-to-peer collaboration on an unprecedented scale. Our unique technology intelligently identifies the nearest and most suitable computational node, distributing tasks seamlessly.

Every device, whether it's a smartphone or a formidable computing cluster, can contribute to the network, offering computational resources in exchange for the network’s native token, $EDGE.

Conversely, users of the platform enjoy considerable advantages including reduced costs, bolstered security, adaptive rates, and unparalleled performance.

Unlike much of the crypto space, Edge's technology isn't a promise for tomorrow; it's a reality today. The protocol has been developed over the last five years, and core services such as Edge VMs, Edge DNS and Edge CDN are available now.

Edge is redefining the cloud. It’s challenging a $3-trillion-dollar industry head on.

Introduction

What is Edge?

Edge heralds the dawn of a groundbreaking chapter in cloud computing, steering away from the centralized models that have long dominated the landscape. At its core, Edge is a decentralized platform designed for a modern, digital age where control, accessibility, and transparency are paramount. Leveraging the unparalleled security and immutability of blockchain technology, Edge ensures that cloud

computing is not just the preserve of gatekeeping conglomerates, but is permissionless and collectively owned, a shared resource for all.

In practical terms, Edge operates as a vast, interconnected network of dynamic clusters, comprising Stargates, Gateways and Hosts, all orchestrated through a DAO (Decentralized Autonomous Organization).

Each node or device, whether it be a personal computer or a larger data center, can contribute to this network, offering computational resources. Users, on the other hand, benefit from a system that is more resilient, affordable, and egalitarian than the traditional cloud. With its unique on-chain approach, Edge not only challenges the status quo but envisions a future where the power and potential of the cloud belong to everyone.

Technology overview

Edge Network is built using a mixture of readily available, open source and purpose built technology, employing Node.js and TypeScript across the board, and utilizing Docker with our own orchestration protocol to provide a geographically distributed, decentralized network.

The XE Blockchain forms the foundational layer, and is a purpose built blockchain supporting a cryptographic ledger based on the secp256k1 elliptic curve, with native support for staking and governance functionality. It is designed to run on Stargates and forms a peer-to-peer network topology, utilizing the XE Wallet Protocol for inter-node authentication, with a target blocktime of one block per minute. It implements an eco-friendly, lightweight Proof-of-Work function that ensures blocks are mined frequently and efficiently, without exerting a large carbon footprint.

The network layer is built on top of and is fully integrated with the XE Blockchain, using it for device authentication, value attribution, and work remuneration. It also makes use of the XE Wallet Protocol for inter-node authentication. The network layer is distributed both geographically and topologically and utilizes BGP to ensure the fastest possible routing. It is resilient to faults, robust, and designed to be self-healing. The services are built using TypeScript, with contributor nodes being compiled for device optimisation and performance.

By fusing a purpose-built blockchain with an adaptive network layer, and incorporating an eco-friendly mining algorithm and native

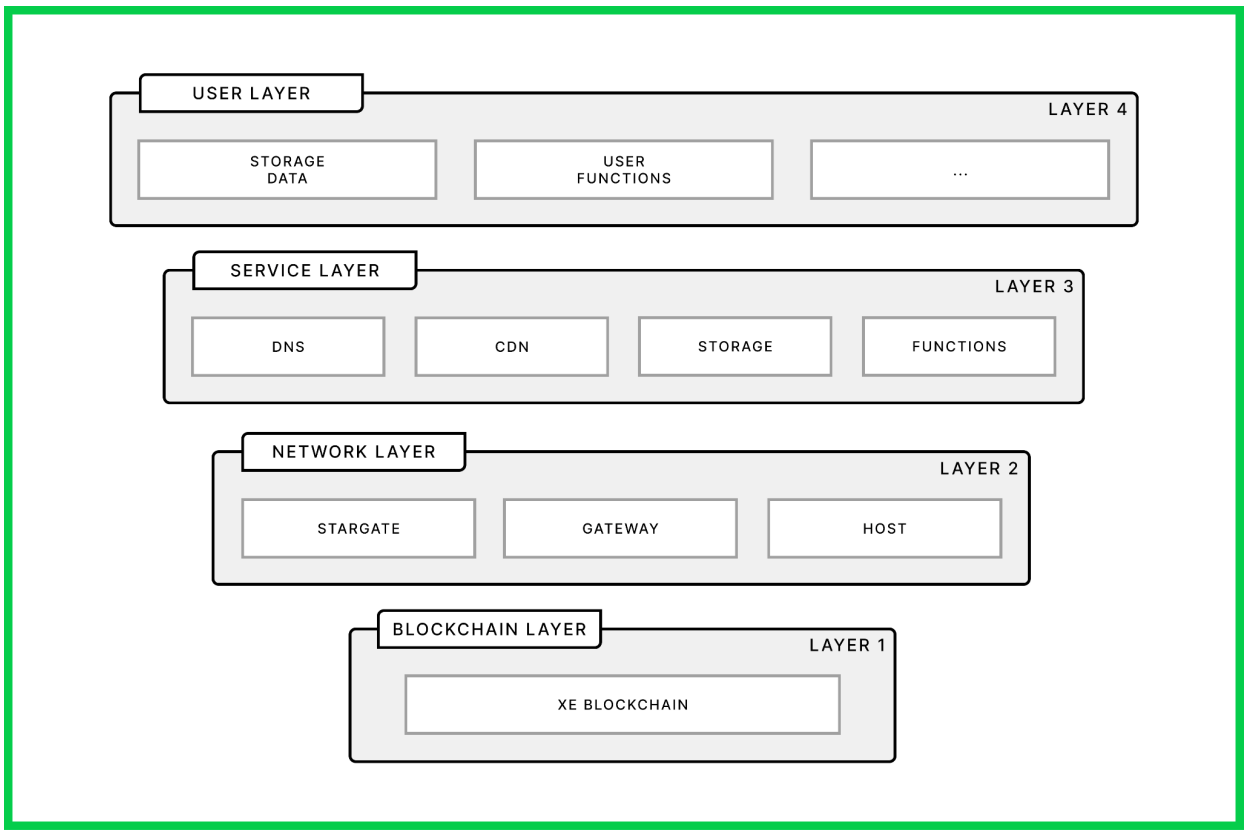
governance, these technologies coalesce to form a unique and compelling platform that sets new industry benchmarks in performance, sustainability, and security.

Protocol architecture

The Edge Network comprises three key node types:

- Stargate (Orchestrates network operations, provides DNS, runs the XE Blockchain)
- Gateway (Provides the access points to services on top of the network)
- Host (Handles the heavy lifting in the network, processing jobs, providing data storage and running Edge Functions)

This architecture is designed to scale horizontally and to be self-healing. It’s fully live and in production.



XE Blockchain

The blockchain at the heart of the network records device usage and value attribution. It uses an internal token called $EDGE, run on the

XE blockchain, a purpose built layer 0 solution, unique to Edge, that provides fast transfers within the network that are fee-free for value attribution. It includes bridging functionality that allows the token to be bridged into other networks. In this way $EDGE can be moved to the Ethereum network (and in time to any other network).

The genesis transaction for the XE Blockchain is imprinted with the project's mission: **The Internet Belongs to Everyone**

Network nodes

An Edge node is a computing device – anything from a mobile phone, to a laptop to a supercomputer cluster – that is connected to the Edge Network in order to contribute its spare capacity. There are three key node types in Edge. These are Stargates, Gateways and Hosts.

Hosts provide the processing and storage capacity in the network. Designed for mixed device types with varying capability, Hosts can be run behind a home router without the need for router configuration.

There is no minimum specification for an Edge Host.

Gateways are the entry point to the network, acting as an aggregate point for Host node capacity. They manage job queues and deliver job requests to Hosts on the basis of a rolling Host score, preferencing the Host nodes most likely to quickly perform a certain task at any given moment in time.
They are high-connectivity devices.

Minimum specification:

- Medium bandwidth: 250 Mbit/s+
- High availability: 99.9%
- CPU: 1x quad-core+ @ 2.5GHz+
- RAM: 64GB RAM+
- Disk: 1TB SSD+

Stargates are the masternodes in the Edge Network. They run the XE Blockchain and provide the domain name system that makes Gateway/Host resources addressable. They are responsible for the secure running of the network. They monitor resources and control device yields.

Stargates are intended for high-connectivity environments: think data centers and high bandwidth office environments, and are designed to

be single, powerful machines rather than a cluster of smaller, less powerful machines.

Minimum specification:

- High bandwidth: 1 Gbit/s+
- High availability: 99.9999%
- CPU: 2x quad-core+ @ 2.80GHz+
- RAM: 128GB RAM+
- Disk: 2TB SSD+

Web services (dApps)

The Edge protocol has a service layer that provides the bedrock for the running of dApps in the network. The service layer provides discreet web services that in combination allow you to create and run your own dApps – anything from permissionless frontends to applications and websites.

There are three services currently on mainnet: VMs, DNS and CDN. Many more products are in development, including Storage, Edge LLM, Edge Functions and Edge DB and Edge OS.

Edge VMs [available now]

Edge VMs are on-demand scalable Linux virtual machines designed to enable high performance websites and applications.

Launch an Edge VM now →

Running in a trusted infrastructure layer with points of presence around the world, Edge VMs offer instant availability to virtualized environments capable of scaling to meet the demands of websites and applications of all sizes.

Balanced performance for any workload. Edge VMs provide a balanced array of resources supporting a wide range of applications. From personal projects to enterprise deployments, Edge VMs are capable of meeting your requirements.

Size your compute units. Edge VMs come in various sizes and configurations, allowing you to choose the right power for your application. Start with 1 vCPU and 1GB of RAM and increase all the way up to 32 vCPUs and 64GB of RAM, matching your workload requirements.

Monitor performance. Real time reporting gives you up to the second usage information and feedback, enabling you to optimize the performance of your apps with ease.

Container clusters. Deploy container clusters to Edge VMs using popular container orchestration tools such as Kubernetes and Docker Swarm.

Backup and clone your VMs. Edge VMs featured on-demand backups and the ability to clone a VM to more efficiently scale your deployments.

Load balance with Edge DNS. Make use of Edge DNS to balance incoming traffic between your Edge VMs. Advanced geo routing functionality enables local application running, placing your Edge VMs where your audience reside.

Edge DNS [available now]

Edge DNS is a highly scalable Domain Name System service, designed to give businesses and developers a reliable and cost effective way to route end users to Internet applications.

Deploy Edge DNS now →

Powered by a worldwide anycast network built into the core of Edge platform and operational in 26+ countries, Edge DNS operates at lightning speeds ensuring incredibly fast resolution times and low latency for your apps.

Advanced DNS functionality. Edge DNS comes with an advanced feature set including geo-detection for global routing, DNS weighting and complete control of your TTL.

Real time propagation. Traditional DNS update times: 24 hours. Edge DNS update times: 60 seconds.

Redundancy and optimization. DNS queries are serviced by every master node in the network, meaning that there is no single point of failure and a near infinite number of routes available.

Built in failover. Intelligent traffic management ensures seamless handoff and removes DNS bottlenecks and downtime.

Platform-wide DDoS protection. DDoS mitigation technology is built in to the core of the network, providing a shield for your applications from malicious attacks.

Industry leading uptime. Edge DNS has maintained an uptime of 100% over two years.

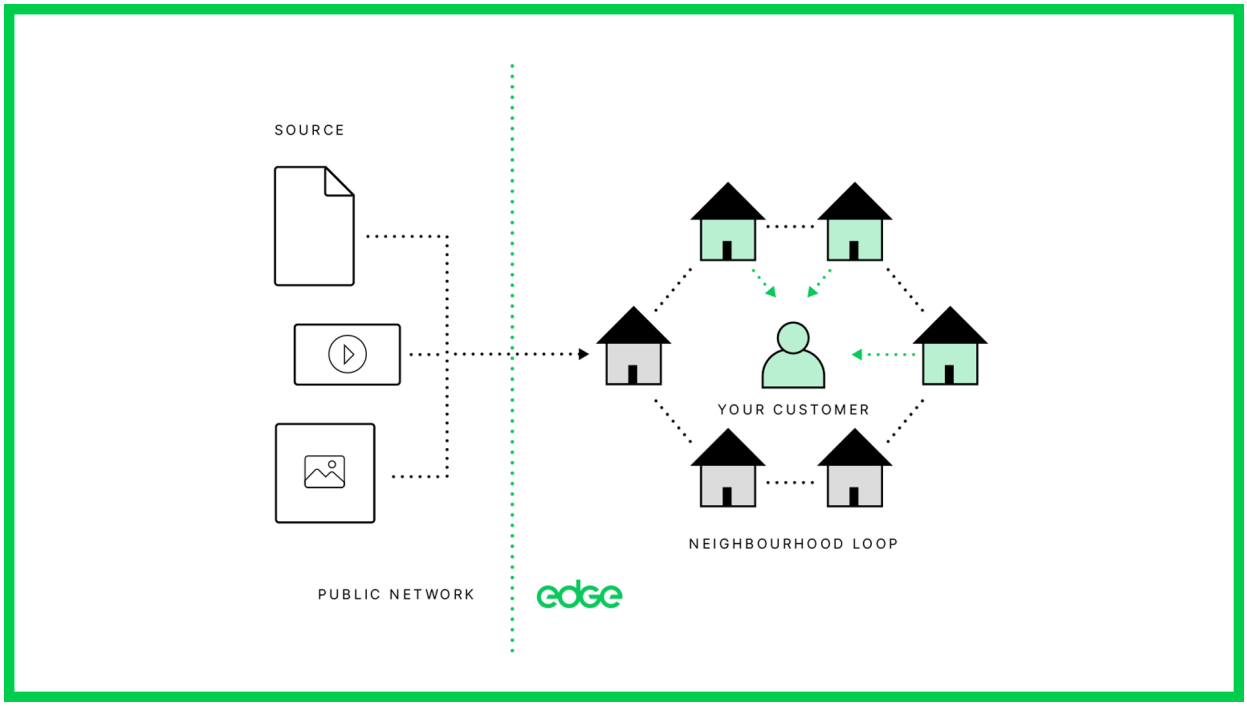
Edge Content Delivery (CDN) [available now]

Edge Content Delivery is the world’s first CDN running exclusively on the edge. It's kinder to the environment and better for business.

Deploy Edge CDN now →

Edge's architecture creates a hyper-local peering system that routes traffic from nodes that are as close to the end consumer as possible - going as far as delivering within the local network loop.

This reduces the distance and volume of data being moved, which massively increases the performance of services.



Hyper local. Edge CDN has hundreds of nodes in over 80 countries, getting your content closer to your audience than ever before.

Integrated Image Transformation. Edge Content Delivery includes a media pipeline that allows for just in time image manipulation: Blur, filter, flip, format, resize, rotate, saturate, sharpen and crop. This offsets the weight of media management to your delivery solution.

Real Time Optimisation. Real time compression and resizing of assets at the point of request saves an average of 60% in filesize, speeding up delivery, reducing your overall costs and increasing conversion.

End to End TLS. Take workload off your origin by serving SSL certificates directly at the edge, accelerating performance and increasing availability.

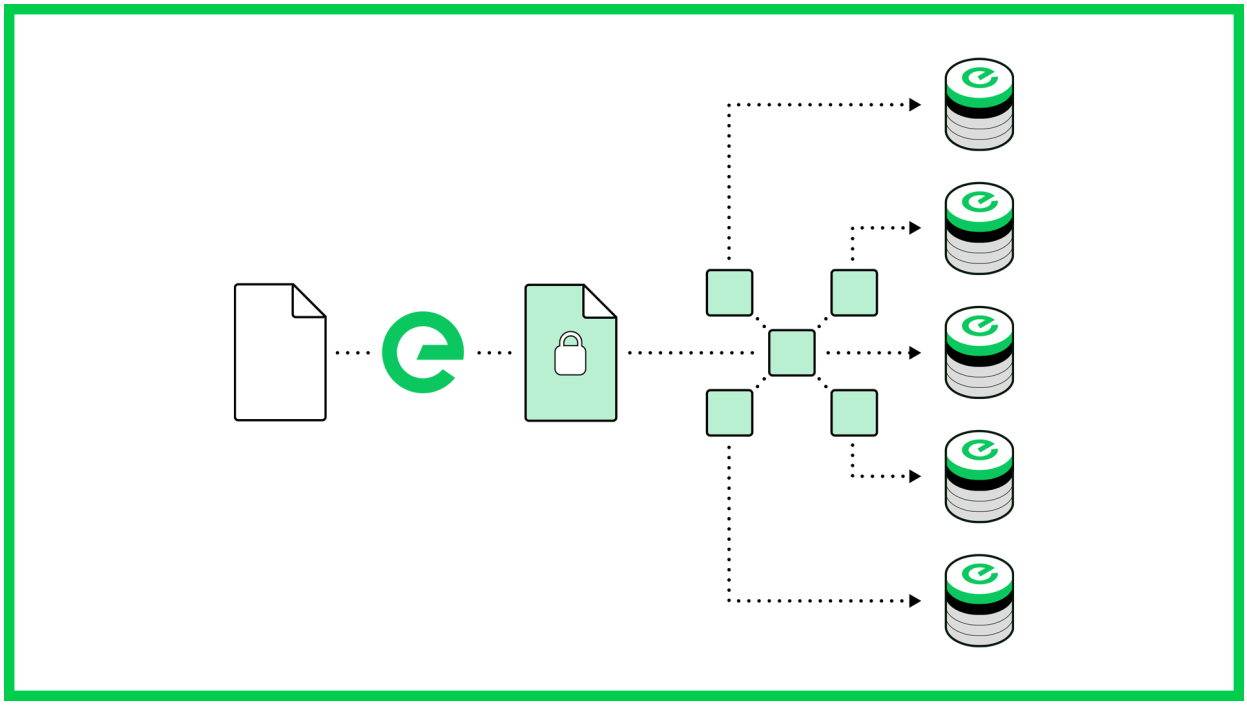
Cost Effective. Edge CDN saves 20%+ on average vs. traditional CDNs as a result of better media compression and the use of edge devices instead of centralized data centers.

Edge Storage [in development]

Edge Storage provides highly redundant, fast, secure and affordable storage for all types of data.

Files in the Edge Network are encrypted and split into hundreds of pieces, and are then distributed across nodes in the network. This approach ensures the security of your data. Encryption keys are under your control, and no complete file is stored on a single device.

The availability of files and transfer performance in and out of the network is managed through replication and proximity to the point of use, making Edge the ideal solution for backup, file transfer and app level data storage.



Secure. Files are encrypted and split into hundreds of pieces, which are then distributed across hundreds of nodes. This provides a level of security that is unmatched in the market.

Highly Performant. Edge object storage supports multi-threaded and concurrent downloads. And its use of in memory caches ensure the fastest possible access to your files.

Reliable. Every fragment of every file is stored in multiple locations, building redundancy into the heart of the solution. In addition, reed-Solomon erasure coding enables file rebuilding in the unlikely event of data loss.

Cost Efficient. Because it's decentralized and built using the spare capacity all around us, Edge storage is significantly cheaper to use than traditional cloud solutions.

Integrated. Edge Object Storage is fully integrated within the Edge ecosystem, meaning that it can be used as the origin for Edge CDN, as a filestore for Edge Functions or as extended storage for implementations using the Edge Ledger.

Edge Functions [roadmap item]

Edge Functions is conceived as a code engine capable of executing single pass scripts on demand from the Host environment.

Edge Functions are useful when you need to interact with data over the network as fast as possible, such as executing OAuth callbacks, responding to webhook requests, or interacting with an API that fails if a request is not completed within a short time limit. They allow fragments of applications to be deployed to the edge, radically improving performance.

Edge LLM [roadmap item]

Edge LLM is an on-demand large language model service tailored to the diverse and evolving needs of AI driven applications. Embedded within the wider ecosystem, Edge LLM provides a sophisticated AI-driven model designed to understand, generate, and interact with human language at an advanced level. Edge LLM is designed for conversational AI, content generation and deep textual analysis.

Edge DB [roadmap item]

Edge DB is a deployable implementation of OrbitDB: a highly decentralized, eventually synced, key value pair database. It can be used for the storage and retrieval of public and private data. Edge DB allows for massive scale data sets to be deployed and run without having to worry about infrastructure maintenance or performance optimization.

Edge OS [roadmap item]

Edge OS is a desktop on demand service that allows for one or many desktop environments to be spun up and used from within the browser. Desktop sessions are persisted and can be maintained for as long as they are required. Operating within the network and accessible from Edge's anonymous account interface, they provide a high level of privacy and security.

Edge Shield [roadmap item]

Edge Shield is an anti DDoS as a service offering deployable through Edge DNS. It secures websites and apps against bots and DDoS attacks. You can think of it like Cloudflare, but fully decentralized. It uses Edge Host to scrub traffic and is backed by a machine learning layer capable of distinguishing between bot and human traffic.

Edge Load Balancers [roadmap item]

Edge Load Balancers provides on demand layer 7 (application level) load balancing that can be used to spread load over multiple Edge Servers and to offset load to other Edge services, such as CDN or Storage.

Their primary function will be to methodically distribute incoming traffic over a range of Edge Servers. This allocation is designed to maintain a balanced load, preventing any single server from being overwhelmed and ensuring efficient use of resources across the network.

Additionally, the design of Edge Load Balancers takes into account the broader ecosystem of Edge services. They are set to possess the capability to offset load, interacting seamlessly with other Edge services such as CDN or Storage.

Edge GPU [roadmap item]

Edge GPU is a GPU rental platform that allows for one or many GPUs to be assigned a task or a series of tasks. It makes use of the GPUs running on Edge Nodes and is ideal for machine learning, graphic rendering and AI applications.

Mission & vision

To uphold the founding principles of the web

The Internet was conceived as a global, democratic communication network - a mesh of computers where information and power were equally distributed. This principle is under attack from all sides. Companies like Google, Amazon and Microsoft are centralizing control, while powerful lobbying groups are working to undermine net neutrality. We are facing a future where you are the customer – and the product – of a network controlled by only a handful of global corporations.

We want to reverse this relationship – to give the ownership of the network to everyone that is connected to it, and to make them the beneficiaries of the revenue that comes from its use.

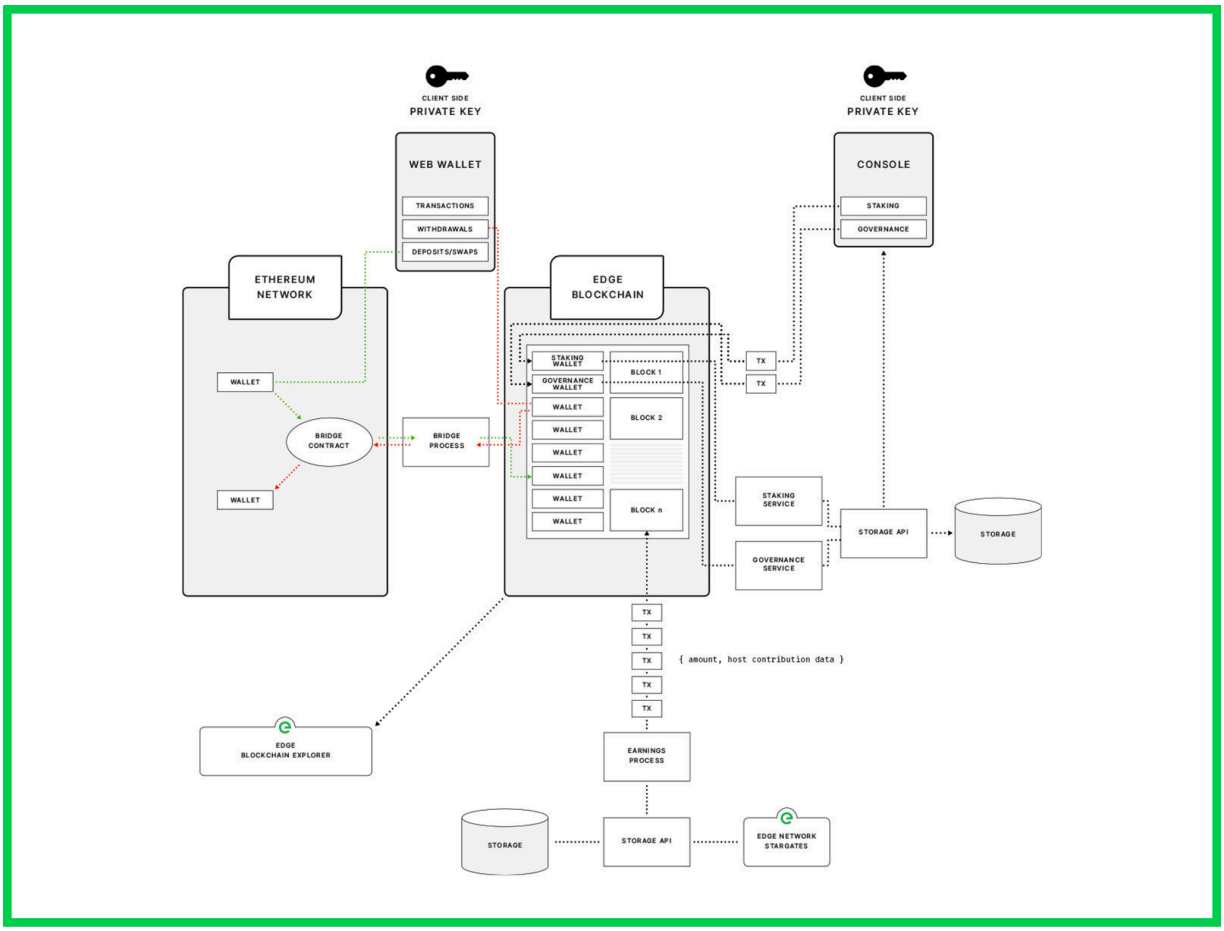
Edge as the standard for the decentralized web (web3)

A network of millions of nodes, directly addressable and usable by anyone. A governance system free from individual or multinational control, organized by a Decentralised Autonomous Organisation.

XE Blockchain

The XE Blockchain runs across a number of geographically distributed interconnected self-healing XE nodes and features a rich transaction layer with a target block time of one minute.

Wallets are secured using secp256k1 keypairs and can contain both liquid and staked $EDGE. Staking and governance are first-class features, supported natively in the blockchain.



XE nodes also provide rich transparency with a full set of publicly available API endpoints:

Endpoint	**URL**
Block	https://api.xe.network/block/:ref Provide block number of hash as reference (:ref)
Block parent	https://api.xe.network/block/parent/:hash Provide block hash as reference (:hash)
Blocks	https://api.xe.network/blocks
Latest block	https://api.xe.network/blocks/tip
Latest blocks	https://api.xe.network/blocks/latest
Genesis block	https://api.xe.network/blocks/genesis
Block history	https://api.xe.network/blocks/history Provides a stripped down list of block hashes and numbers

Transactions	https://api.xe.network/transactions/:address? Optionally provide a wallet address to filter transactions
Pending txs	https://api.xe.network/transactions/pending/:address? Optionally provide a wallet address to filter transactions
Submit tx	https://api.xe.network/transaction **POST** transactions to this endpoint
Stake	https://api.xe.network/stake/:ref Provide stake reference as :ref
Wallet stakes	https://api.xe.network/stakes/:address/:transaction? Provide wallet address to list stakes, optionally filter by tx
Proposal	https://api.xe.network/proposal/:hash Provide proposal hash as :hash
Wallet proposals	https://api.xe.network/proposals/:address/:transaction? Provide wallet address to list proposals, optional tx filter
Wallet information	https://api.xe.network/wallet/:address Show wallet information for address
Global vars	https://api.xe.network/vars

$EDGE can be used in any wallet supporting ERC-20 tokens on the Ethereum blockchain. Open source libraries for interacting with XE are available, including:

- https://github.com/edge/xe-utils
- https://github.com/edge/wallet-utils
- https://github.com/edge/index-utils

Explorer

As its own blockchain, XE has its own explorer. This is powered by an API at the heart of the blockchain that securely exposes endpoints for blocks, transactions and wallets.

The explorer can be used to explore blocks and transactions, stakes, nodes and node activity. It provides a visual view of the nodes powering the network, enabling the exploration of devices, their contribution to the network and their earnings on the back of completed jobs.

The explorer includes functionality to identify named and trusted wallets. These are wallets that are under the control of the network

and the core team, and that are linked to from within the Community Wiki. Trusted wallets are identified with a green check mark within the explorer.

Explorer: https://xe.network

Source code: https://github.com/edge/explorer

XE web wallet

XE has its own network native client-side wallet. This is a JavaScript app that runs entirely in your local browser.

The web wallet provides the ability to generate and restore XE wallets, view your transaction history, make transactions within the XE network, bridge between $networks and stake $EDGE against network nodes.

XE web wallet: wallet.xe.network

Source code: https://github.com/edge/wallet

Tokenomics

$EDGE

$EDGE is the token of the XE blockchain, a layer 0 solution designed for fast transactions mapped to resource usage. It is bridged into the Ethereum network – and in future additional networks – on a 1:1 basis under the same token name.

Transactions within the Edge Network are free. Bridging in/out of the network to $EDGE in the Ethereum network carries a variable gas fee and a 0.75% service fee.

For transactions out of Edge Network, this fee is taken in $EDGE and is collected in an vault wallet. Individuals can choose their target gas fees and the bridge will automatically transmit their transaction to meet the target set. This acts to help to keep transaction fees as low as possible.

Vault wallet: xe_4845075Ad790DD979Ab3f7834Ff507244e7a5449

For transactions into the Edge Network, the gas fee is taken in $ETH.

Service usage, staking, governance and fees all act to reduce the circulating supply of $EDGE by locking value in the network itself.

Contract Address on Ethereum:
0x4ec1b60b96193a64acae44778e51f7bff2007831

Service purchase

Services in the Edge Network can be purchased with $EDGE, fiat (Visa and MasterCard) or other cryptocurrencies. Support for enterprises wishing to be invoiced directly is also available.

Service purchases made in anything other than $EDGE are automatically moved on chain through an automatic swap.

Service payments are therefore always in $EDGE, and a significant proportion of service payments (25%) are burned.

Node staking

Edge is a Proof of Stake network. Contributing a node to the network requires a POS in $EDGE. Stakes are locked in the network for a minimum period of time and for the duration of the node being online.

Nodes that are found to be bad actors will have their stake penalised or removed. Stakes reclaimed by the network in this manner are burned (sent to the zero address on the XE Blockchain).

Reward Issuance: Out of the maximum 60 million $EDGE tokens, 10 million are blocked in the network to be slow-released as rewards to node operators. This is released year on year at a rate of 10% of the remaining pot per year, creating a predictable supply mechanism and further incentivizing network participation.

List of active stakes: https://xe.network/stakes

Network governance

Participation in network governance requires a stake locked in the network in $EDGE. Governance stakes are the fourth stake type in the network (after Stargate, Gateway and Host node stakes), and are a unique, one-per-wallet stake.

Fees tied to the raising of proposals in the governance mechanism are burned (sent to the zero address in the XE Blockchain).

Open governance portal: https://governance.edge.network

Scheduled burn

25% of network revenues are burned. The tokens are sent to the zero address of the network at the end of every month.

Zero/burn address: xe_0000000000000000000000000000000000000000

Liquidity mining

An $EDGE liquidity pool is available on Ethereum in Uniswap. This is part funded by the network treasury, part by individual contributors.

Uniswap applies a 0.30% fee for every trade that takes place on their platform and automatically sends this to a liquidity reserve. Whenever a liquidity provider decides they want to exit the $EDGE pool, they will receive a portion of the total fees from the reserve relative to their staked amount in $EDGE the pool.

Uniswap liquidity pool: https://ed.ge/liquidity

Wallet lists

Wallet lists are available for $EDGE on the XE and Ethereum Blockchains.

XE: https://xe.network/wallets

Ethereum:
https://etherscan.io/token/0x4ec1b60b96193a64acae44778e51f7bff2007831

Monitoring project tokenomics

The network explorer exposes all on-chain activity and can be used for the monitoring of network transactions.

Network explorer: https://xe.network

In addition to this, the explorer exposes a series of endpoints covering key tokenomic figures such as circulating supply:

Endpoint	**URL**
Maximum Supply	xe.network/api/supply/maximum
Total Supply	xe.network/api/supply/total
Circulating Supply	xe.network/api/supply/circulating
Staked Supply	xe.network/api/supply/staked
Burned Supply	xe.network/api/supply/burned

To see a raw numerical response for each endpoint, add `?raw=true` to the end of the URLs above.

For example: https://xe.network/api/supply/maximum?raw=true

Tokenomic flywheel

Edge's tokenomic flywheel:

1. Service Purchase: Customers purchase services using fiat or cryptocurrencies. This money directly goes into Edge's ecosystem, stimulating demand for the $EDGE token;
2. $EDGE Acquisition: Fiat currency received is used to market buy $EDGE tokens (after subtracting operational costs), thus, increasing the demand for $EDGE tokens;
3. Token Burning: Each month, the project treasury burns 75% of the value of service fees in $EDGE tokens. This process of "burning" decreases the total supply of $EDGE tokens, creating a deflationary pressure on the token;
4. Token Distribution: the remaining 25% of retained tokens are distributed to the dev fund;
5. Staking & Governance: Nodes added to the network are staked, which removes tokens from the active supply. Project governance requires staking, and votes also cost tokens, which are then burned, further reducing supply and increasing the value of remaining tokens;
6. Transaction Fees: Every transaction on the network carries a small fee, which is also burned. This process once again reduces supply and helps appreciate the value of remaining tokens;

7. Reward Issuance: Out of the maximum 60 million $EDGE tokens, 10 million are blocked in the network to be slow-released as rewards to node operators. This is released year on year at a rate of 10% of the remaining pot per year, creating a predictable supply mechanism and further incentivizing network participation.

The entire mechanism creates a cycle where token demand is consistently stimulated through service usage and token purchases, while the supply is systematically reduced through burning mechanisms and staking. The model is designed to continually drive up the value of $EDGE tokens, providing long-term value for stakeholders and incentives for network participants.

Governance

The governance functions of the Edge Network are open for anyone with an active governance stake.

Governance stakes are locked for a 12 month period. Governance stakeholders have the ability to both create and vote upon proposals, as well as comment on existing proposals. Every action in governance carries a small cost in $EDGE. These measures are designed to keep the quality of the submissions high.

Proposals will require certain majorities in order to be passed. DAO members have a collective right to veto or to propose amendments to proposals.

Governance Thresholds

Minimum participation, or quorum, is the minimum level of participation required for a vote to be valid. To achieve quorum for a proposal, 5% of the total voting power needs to participate in a vote. The pass rate for proposals is 50%, meaning that a simple majority is needed in the case of a yes/no vote.

Voting Periods

The voting period for proposals is 21 days by default. In some circumstances this can be extended.

Growth Fund

The growth fund in the network is a meaningful and growing allocation of $EDGE that is set aside for the advancement of the network. The growth fund can be used for items such as marketing, exchange listings, community rewards and for the funding of projects produced by third party teams. The use of the growth fund is under the direct control of network governance.

Key links

Project information

Explorer (mainnet): xe.network

Explorer (testnet): test.network

Project governance: governance.edge.network

Customer facing website: edge.network

Account interface: account.edge.network

Project wiki: wiki.edge.network

- Project history: ed.ge/history
- Roadmap: ed.ge/roadmap
- Governance into: ed.ge/project-governance
- Onboarding: ed.ge/onboarding
- Staking: ed.ge/staking
- Cli: ed.ge/cli
- Bridge: ed.ge/bridge

Project docs: docs.edge.network

Wallets

Web wallet: wallet.xe.network

Papers

XE Blockchain litepaper: ed.ge/xe-litepaper

Tokenomics litepaper: ed.ge/tokenomics-litepaper

Social channels

Discord: discord.gg/edge-network

X: @edgenetwork

Source code

github.com/edge

Key repositories:

Function	**URL**
XE Blockchain*	https://github.com/edge/blockchain
Stargate*	https://github.com/edge/stargate
Gateway*	https://github.com/edge/gateway
Host*	https://github.com/edge/host
Governance UI*	https://github.com/edge/governance
Explorer	https://github.com/edge/explorer
CLI	https://github.com/edge/cli
Account UI*	https://github.com/edge/account
Wallet	https://github.com/edge/wallet
Mobile Wallet	https://github.com/edge/mobile-wallet

Edge has over 40 repositories including governance and account apis, indexing services, utility libraries, and community initiatives.

** Note: access to private repositories can be granted on request*

Summary

Edge is at the forefront of a $3-trillion-dollar industry transformation. It marks a significant shift in the cloud computing landscape, anchoring its mission in the original principles of the Internet by decentralizing computational power.

At its heart, Edge champions simplicity. By mastering complex infrastructures, it delivers pivotal services that bolster digital innovations, ensuring they're accessible to all.

Within its expansive network are dynamic clusters, each consisting of a Gateway and multiple Hosts, all seamlessly coordinated by a DAO.

With five years of intensive R&D, Edge isn't merely theoretical. Its core dApps are live and ready for use right now.

Make a difference today! Acquire $EDGE, bridge it to the XE Blockchain, and stake your device. Contribute to a pioneering network and counteract the dominance of big tech.