



White Paper: EOF – Your Decentralized Shield in the Digital World

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1. Introduction: A new horizon for online privacy and security

In today's world, where data has become the new currency and the digital sphere permeates all aspects of our lives, protecting personal information and ensuring secure access to knowledge have become paramount. The global network, originally conceived as a means of connecting and sharing ideas, is increasingly becoming a battleground for data control, exposing users to manipulation, surveillance and even financial risk. In this challenging environment, EOF (End-of-Fear) offers not just a solution, but a paradigm for a new level of privacy and security. We are creating an ecosystem where users can interact freely and securely in the digital world, controlling their data and having seamless access to information and global opportunities. EOF is your decentralized shield in the digital world, giving you confidence and full control over your online life.

Our mission is to provide every user with the tools to protect against digital surveillance, circumvent censorship and malicious activity, and provide seamless access to the global economy. We aim to build a decentralized, transparent and sustainable ecosystem that will evolve with the needs of the digital world, using the most advanced technologies to protect users' rights.

2. Problem: The digital world is under threat

Ubiquitous online activity exposes users to a multitude of threats, undermining trust and limiting freedom:

- **Pervasive surveillance:** The tracking of user activities by governments and corporations violates the right to privacy. Examples: Traffic tracking by Internet Service Providers (ISPs), data collection by social networks, use of cookies and trackers for behavioral ad targeting. According to research, more than 70% of websites use third-party trackers to collect information about users, even without their knowledge.
- **Censorship and geographical restrictions:** Restricting access to information and services for political or commercial reasons. Examples: Blocking websites and online services in certain countries (e.g. blocking social networks, news resources), geographical restrictions on video streaming (e.g. Netflix, Hulu), restricting access to certain applications.
- **Cybercrime:** The growing threat of hacking, data theft, and financial fraud. Examples: Phishing attacks, ransomware viruses, identity theft, account hacking, DDoS attacks. Cybercrime damages reached a record \$8 trillion in 2023 and are projected to continue to grow.
- **Difficulties and costliness of roaming:** High costs and inconvenience when using mobile internet abroad. Examples: High roaming charges when using mobile internet abroad, the need to buy local SIM cards in each country, the difficulty of managing multiple phone numbers.
- **High international transfer fees:** Impede access to the global economy. Examples: Bank fees for international transfers, fees of money transfer services (e.g. Western Union, MoneyGram), delays in processing payments.

Along with the overt threats, there is also an underlying sense of loss of control. The realization that your every online move is being monitored and analyzed creates a sense of insecurity and discomfort. EOF aims to give you back that sense of control and confidence in the digital world.

3. Solution: EOF - Comprehensive Protection and Freedom

EOF offers a comprehensive solution that combines:

- **EOF VPN: Secure and fast access to the Internet.**
EOF VPN goes beyond the usual VPN service. In addition to standard traffic encryption, we offer:

- **Advanced Server Network:** Servers strategically located around the world provide high-speed, reliable connectivity.
 - **AI-Powered Threat Protection:** Artificial intelligence analyzes traffic in real-time, blocking ads, malicious sites, and phishing attempts. Improved with Federated Learning: AI models for blocking malicious content are trained on user devices without sending personal data to the server.
 - **Censorship Bypass:** Special obfuscation protocols mask VPN traffic, allowing you to bypass censorship and geographic restrictions.
 - **Latest Encryption Protocols:** The use of WireGuard 2.0 and ChaCha20-Poly1305 ensures the highest level of security and minimal latency.
 - **Zero-Log Policy:** We do not store logs of your activity, ensuring complete anonymity.
 - **Zero-Knowledge Proofs (ZKP) integration:** Authentication without password disclosure, preserving data privacy when using a VPN. Zero-Knowledge Transport Layer allows users to prove their country without revealing a specific nationality.
- **EOF eSIM: Global connectivity without borders.**
EOF eSIM offers the following benefits:
 - **Global coverage:** Access to mobile Internet in more than 150 countries.
 - **Favorable tariffs:** Significantly lower than roaming rates from traditional operators.
 - **Multi-profile:** Ability to store multiple virtual SIM cards on one device.
 - **Convenient management:** Activation and management of eSIM via mobile app and Telegram bot.
 - **Security:** Less risk of SIM card hijacking compared to a physical SIM card.
 - **Integration of Decentralized Identifiers (DIDs) and Verifiable Credentials (VCs):** Self-sufficient identity management, secure data access, simplified KYC/AML processes.
- **EOF Chain: The decentralized foundation of the ecosystem.**
EOF Chain is a proprietary blockchain that underpins the entire ecosystem. Its unique hybrid Proof-of-Service (PoS) + Delegated Proof-of-Stake (DPoS) consensus algorithm provides:
 - **High transaction speed:** Over 10,000 transactions per second (TPS).
 - **Low fees:** Minimal transaction fees making micropayments economically viable.
 - **Security:** Protection against Sybil and 51% attacks.
 - **Decentralization:** The blockchain is managed by the community.
 - **Proof-of-Service:** Users are rewarded for providing server capacity for the VPN. The reward is governed by the amount of resources provided, geographic location, performance stability, and Quality of Service (QoS).
 - **Delegated Proof-of-Stake:** EOF token holders can delegate their tokens to validators, participating in the consensus process and receiving a reward. The

amount of the reward depends on the number of tokens delegated and the delegation period.

- **Implementation on Substrate/Cosmos SDK (in the future):** Flexible customization of blockchain parameters, creation of parachains to share functionality, interoperability with other blockchains.
 - **Homomorphic Encryption (HE):** Protects financial data on the blockchain. HE allows EOF Pay information to be processed without decrypting it on the EOF Chain.
 - **Move to WebAssembly (Wasm):** Accelerate smartcontracts on the EOF Chain network. Will plug in the ability to use C, C++, and Rust programming languages in development.
- **EOF Pay: A global payment system with low fees.**
EOF Pay is a universal payment gateway that allows:
 - **Pay for services in the EOF ecosystem:** VPN, eSIM and other services.
 - **Accept and send payments in cryptocurrencies and fiat currencies.**
 - **Integrate with other Web3 and DeFi services.**
 - **Receive cashback for paying for services in EOF tokens.**
 - **Account Abstraction:** Pay for transactions in any currency, use multi-signature wallets, automate recurring payments.
 - **EOF token: Key to the ecosystem.**
The EOF token is not just a means of payment, but a key to the ecosystem. It provides:
 - **Service Discounts:** Users who pay for VPN and eSIM with EOF tokens receive discounts.
 - **Staking:** Opportunity to earn passive income for storing EOF tokens. Details of APY (Annual Percentage Yield) will be published before the launch of staking.
 - **Cacheback:** Automatic cacheback in EOF tokens on subscription payments.
 - **Participate in DAO Governance:** Voting on the development of the ecosystem, ensuring a decentralized future for EOF.
 - **On-Chain Governance:** Token holders can vote for project development proposals directly on the blockchain, and voting results are automatically executed by smart contracts.

3.1. Key Benefits:

- **Enhanced Privacy:**
 - **Zero-Knowledge Transport Layer (Augmented):** Provides end-to-end encryption of data so that only the sender and receiver can decrypt it. We

don't need access to the contents of your traffic. ZKPs allow you to confirm a user's country without revealing their nationality. This increases trust and control over your information.

- **Secure Multi-Party Channels:** A mechanism for securely exchanging data between multiple parties, ensuring confidentiality and integrity. This can be used for secure voting and other types of collaboration.
 - **AI traffic analytics to block threats (Augmented):** Federated Learning helps improve AI traffic analytics by training AI models directly on users' devices without transmitting their data.
 - *We implement security best practices and regularly audit our infrastructure to ensure our users' data is protected.*
 - *Future consideration is being given to implementing Homomorphic Encryption (HE) to handle encrypted data.*
 - *The implementation of Decentralized Storage solution for storing user data is being considered in the future.*
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- **Global access:** A wide network of VPN servers and eSIMs for seamless connectivity anywhere in the world. *Our infrastructure is optimized to provide high connection speed, stability and bypass geographical restrictions.*
 - **Web3 Integration:** Expanding the list of supported Web3 platforms, integration with decentralized social networks.
 - **Low fees:** Proprietary blockchain and EOF Pay significantly reduce transaction costs by bypassing intermediaries and taking advantage of blockchain technology. *This makes EOF a cost-effective solution for users around the world.*
 - **Decentralization and Transparency:** DAO governance and a transparent voting system guarantee fairness and justice. EOF token holders will have a say on key platform development issues, including protocol changes and resource allocation. *On-Chain Governance will be implemented for full transparency. Our DAO framework provides transparency and community control.*
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- **Earning Opportunity:**
 - **Token staking:** The APY (annual percentage rate) for staking will be dynamic and depend on the total number of tokens staked and the level of activity on the network.
 - **Mining through the provision of server capacity:** Users can be rewarded in EOF tokens for providing their servers to run the VPN network. *The conditions of participation in the mining program and the amount of remuneration will be determined by the amount of resources provided, geographical location of the server, stability of operation and quality of traffic.
 - **Referral program:** Receive % of the expenses of the brought users. Terms will be published on the site before the referral program is launched.
 - **Participation in Decentralized Social Media Integrations:** Additional earning opportunities related to EOF promotion.

4. EOF Token: Enabling the Ecosystem

EOF is a utility token designed to power the entire EOF ecosystem, including VPNs, AI services, and other products. The EOF token provides access to premium features, discounts, and incentivizes the growth of the ecosystem. In the future, it is planned to introduce additional benefits for token holders, rewarding loyalty and participation in the development of the ecosystem.

- **Purpose:** Fuel the EOF ecosystem, allowing you to enjoy all its benefits.
- **Availability:** The token can be purchased on DEX exchanges DeDust.io and Dyor.io. With further listing on CEX.
- **Smart Contract:** [EQCA001PMkHKQ8i8p_1wBo_zPTt8DFeEQVWleue_xDHNxlo](https://www.bscscan.com/address/EQCA001PMkHKQ8i8p_1wBo_zPTt8DFeEQVWleue_xDHNxlo)
(Be sure to check this address before purchasing).

4.1. Token Distribution: Transparency and Ecosystem Development

The total supply of EOF tokens is distributed as follows:

- **40% - Liquidity Pool:** Provides token stability and exchangeability. *This pool provides sufficient liquidity for users wishing to buy or sell EOF tokens.*
Address: [UQD9-BJZA-7Ye-RIGjgsOOSIkTV8Gwkv2dtgv8HBAin4Bvp6](https://www.bscscan.com/address/UQD9-BJZA-7Ye-RIGjgsOOSIkTV8Gwkv2dtgv8HBAin4Bvp6)
- **30% - Project Development:** Support technical development, infrastructure, and expansion of EOF capabilities. *These funds will be used to improve existing features, create new products, and expand our team.*
Address: [UQCnR-xrER5AMr9gSM6mlKJsXv01bWrluWY3UL4HK1nQ6IjA](https://www.bscscan.com/address/UQCnR-xrER5AMr9gSM6mlKJsXv01bWrluWY3UL4HK1nQ6IjA)
- **20% - Marketing:** Promote the project and attract new users. *Marketing efforts are aimed at increasing EOF brand awareness and attracting new users to our ecosystem.*
Address: [UQBmtcSPjSkYV-od56DUa0Lcnhm7ugJ_0grRjHvXF4J_h35N](https://www.bscscan.com/address/UQBmtcSPjSkYV-od56DUa0Lcnhm7ugJ_0grRjHvXF4J_h35N)
- **10% - Reserve:** Covering unforeseen expenses and ensuring token stability. *The reserve fund is intended to ensure the financial stability of the project in case of unforeseen circumstances.*
Address: [UQDs6koRDTbMDw-R9Q5Q0pWNXqiM7EpatGPA85kl4UV3F46f](https://www.bscscan.com/address/UQDs6koRDTbMDw-R9Q5Q0pWNXqiM7EpatGPA85kl4UV3F46f)

Funds from these wallets will be used strictly for their intended purpose and will be controlled by the community through On-Chain Governance.

4.2. Safety and emission limitation

- **Minting disabled:** There is no option to issue additional tokens, preventing inflation and protecting token value.

- **Transparency:** Team wallet addresses are viewable, providing transparency in fund management.
- *We also adhere to security best practices, including multi-signature wallets and regular security checks. Decentralized Storage will be integrated to store logs and eSIM user data.*

5. Economic Model: Fair and Incentive-Oriented

EOF Token (EOF): The token is the fuel of the ecosystem and is used for:

- Discounted VPN service payments (e.g. -20% when paying in EOF).
- Steaking with dynamic APY (details will be released before steaking launches).
- Receiving automatic cashback when you purchase a subscription (e.g. 5% cashback in EOF).
- Participation in DAO management.
- Activity in Decentralized Social Media Integration (rewards for dissemination of information).

Inflation mitigation mechanisms: A portion of the network's commissions will be automatically burned, creating a deflationary effect and increasing the value of the token. For example, 20% of commissions from EOF Pay will go towards burning EOF tokens.

Mining through capacity provisioning: Users can provide their server capacity in exchange for rewards in EOF tokens. The reward algorithm takes into account the amount of resources provided, the server's geographic location, stability, and traffic quality. Examples: A server with high bandwidth in North America will be rewarded more than a server with low bandwidth in Europe.

Why EOF platform will be better than others?

1. EOF offers a full suite of products (VPN, eSIM, Blockchain, Pay), offering a seamless experience.
2. EOF provides an incentive for providing resources, and participating in the development of the platform.
3. EOF has a deflationary economy, which is a big plus in the long term.

6. Roadmap: The Path to a Secure Future

Details of the roadmap are available at:

<https://docs.eofvpn.cc/eofnetwork/eof-roadmap>

7. Technical Architecture: Innovative Solutions for Safety and Speed

- **EOF Chain:**High-performance blockchain (10,000+ TPS) with low fees, smart contract support, and cross-chain compatibility. *Utilizes a hybrid Proof-of-Service (PoS) + Delegated Proof-of-Stake (DPoS) consensus algorithm for high speed and security. Future implementation on the Substrate/Cosmos SDK with the ability to customize parachains and governance is being considered. Homomorphic Encryption for secure data operations. Transition to WebAssembly (Wasm) for improved performance.*
- **VPN servers:**Geographically distributed network of servers (500+ servers in 50+ countries) optimized for speed and security. *We use bare metal and cloud servers from Tier 1 providers. Support WireGuard, Vless, Vmess, Trojan, OpenVPN, IKEv2, Shadowsocks protocols. Enable Federated Learning to improve AI defense.*
- **EOF Pay:** Integrated payment system with support for multiple currencies (BTC, ETH, USDT, EUR, USDT) and integration with popular Web3 and DeFi services. *Uses multi-layered security including data encryption, two-factor authentication, and transaction monitoring. Includes Account Abstraction for more convenient and flexible transactions.*
- **Decentralized Storage (IPFS, Filecoin, Arweave):** (In Plans) *For storing VPN logs, eSIM user data, and AI-protected VPN content. Increases security and resistance to censorship.*

8. Business Model: Sustainable development and scaling up

- **Subscription:** Flexible subscription system (Fiat + Crypto + Free-to-earn).
 1. **Basic plan:** Free (with traffic and speed limits).
 2. **Premium Plan:** \$4/month (no restrictions, access to premium servers).
 3. **Corporate Plan:** Customized pricing (dedicated infrastructure and support).
- **Commissions:** From transactions in EOF Pay (e.g., 0.5% per transaction).
- **Enterprise Solutions:**Business packages with dedicated infrastructure and support. *Provide customized solutions for companies requiring enhanced security and privacy, including integration with DIDs and VCs.*
- **NFT** Access premium VPN features and prioritized support. *Ownership of NFT entitles you to a lifetime discount on services, early access to new features, and participation in exclusive events. It also entitles you to participate in DAO closed voting.*
- **Partnerships and integrations:** Integrations with other services that provide decentralized solutions. *For example, integrations with decentralized social networking platforms.*

9. Governance: Decentralization and transparency

- **DAO (Decentralized Autonomous Organization):** Management of the ecosystem through voting by EOF token holders. *Each token holder has voting rights proportional to the number of tokens they own. Implement **On-Chain Governance** for automatic and transparent execution of voting results on the blockchain. Decisions will address key parameters like token inflation, the size of network fees, and the integration of new technologies.*
- **Transparent processes:** All decisions are made with community input and published on the blockchain. *The source code of the protocol will be open to outsourced verification. Decentralized Storage will be used to store data with DAOs, ensuring security and immutability. We publish regular reports on the project development.*

10. Conclusion: Your freedom and safety are Our priority

EOF is not just a service, it is your trusted partner in the digital world. We are confident that our ecosystem will help you protect your privacy, bypass censorship and access the global economy. We are building the future of a safe and free internet, and we invite you to join us! Join our community <https://t.me/eofeco> , subscribe to our updates <http://x.com/eofeco/> , buy EOF tokens

https://dyor.io/ru/token/EQCA001PMkHKQ8i8p_1wBo_zPTt8DFeEQVWleue_xDHNxlo .

Together we will build a future without fear in a digital world!

11. Integration with Metauniverses

- **Metaviews:** With eSIM, VPN and payment system, the user will have a full range of tools to work with metaviews. *This will be a dedicated network of servers, allowing the user to achieve minimal ping and protect themselves from DDoS attacks.*
- **Digital Avatars:** eSim will allow a digital avatar to receive a separate number that can be used to establish an identity in the meta-universe.
- **Transactions:** The EOF Pay system will allow secure financial transactions within the meta-universe.

12. Legal Information:

Disclaimer: This white paper is provided for informational purposes only and does not constitute an offer to sell securities or investment advice. Investing in cryptocurrencies and

blockchain projects carries a high risk of capital loss. We recommend that you do your own thorough research and consult with a professional financial advisor before making any investment decisions. EOF is a project registered in [Jurisdiction]. The technologies described in this document are under development and are subject to change.

13. Contact information:

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Communication and collaboration on telegram: [@eofsupport](https://t.me/eofsupport)

Telegram:

- t.me/eofeco
- t.me/eofvpn

Twitter:

- x.com/eofeco/
- x.com/eofvpn/

*Glossary

APY - Annual Percentage Yield

DAO - Decentralized Autonomous Organization.

DID - Decentralized Identifier

DDoS - Distributed Denial of Service

HE - Homomorphic Encryption

PoS - Proof of Stake

QoS - Quality of Service

TPS - Transactions Per Second

VC - Verifiable Credential

VPN - Virtual Private Network

Wasm - WebAssembly

ZKP - Zero-Knowledge Proof