**Vaulta (A)**

**White paper**

**In accordance with Title II of Regulation (EU) 2023/1114 (MiCA)**

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| 01 | Date of notification | 2025-09-05 |
| 02 | Statement in accordance with Article 6(3) of Regulation (EU) 2023/1114 | This crypto-asset white paper has not been approved by any competent authority in any Member State of the European Union. The operator of the trading platform of the crypto-asset is solely responsible for the content of this crypto-asset white paper. |
| 03 | Compliance statement in accordance with Article 6(6) of Regulation (EU) 2023/1114 | This crypto-asset white paper complies with Title II of Regulation (EU) 2023/1114 and, to the best of the knowledge of the management body, the information presented in the crypto-asset white paper is fair, clear and not misleading and the crypto-asset white paper makes no omission likely to affect its import. |
| 04 | Statement in accordance with Article 6(5), points (a), (b), (c) of Regulation (EU) 2023/1114 | The crypto-asset referred to in this white paper may lose its value in part or in full, may not always be transferable and may not be liquid. |
| 05 | Statement in accordance with Article 6(5), point (d) of Regulation (EU) 2023/1114 | false |
| 06 | Statement in accordance with Article 6(5), points (e) and (f) of Regulation (EU) 2023/1114 | The crypto-asset referred to in this white paper is not covered by the investor compensation schemes under Directive 97/9/EC of the European Parliament and of the Council. The crypto-asset referred to in this white paper is not covered by the deposit guarantee schemes under Directive 2014/49/EU of the European Parliament and of the Council. |
| 07 | Warning in accordance with Article 6(7), second subparagraph of Regulation (EU) 2023/1114 | **Warning**  This summary should be read as an introduction to the crypto-asset white paper. The prospective holder should base any decision to purchase this crypto-asset on the content of the crypto-asset white paper as a whole and not on the summary alone. The admission to trading of this crypto-asset does not constitute an offer or solicitation to purchase financial instruments and any such offer or solicitation can be made only by means of a prospectus or other offer documents pursuant to the applicable national law. This crypto-asset white paper does not constitute a prospectus as referred to in Regulation (EU) 2017/1129 of the European Parliament and of the Council (36) or any other offer document pursuant to Union or national law. |
| 08 | Characteristics of the crypto-asset | Vaulta is a Layer 1 blockchain purpose-built for financial applications, using a Delegated Proof-of-Stake (DPoS) consensus mechanism. Its architecture emphasizes low-latency, high-throughput processing, making it suitable for banking-grade applications such as payments, yield strategies, and tokenized asset settlement.  The Vaulta (A) token can be used to pay for transaction fees (gas), on-chain memory (RAM), and for native staking. |
| 09 | Information about the quality and quantity of goods or services to which the utility tokens give access and restrictions on the transferability | Not applicable |
| 10 | Key information about the offer to the public or admission to trading | Kraken seeks admission to trading of the $A token so as to be compliant with MiCA and in keeping with its mission to make available for trading to its clients a wide range of assets. |
| I.1 | Offer-Related Risks | **General Risk Factors Associated with Crypto-Asset Offerings**  The admission to trading of crypto-assets, including Vaulta ($A), is subject to general risks inherent to the broader cryptocurrency market.  **Market Volatility:** The value of Vaulta ($A) is determined by global supply and demand dynamics and may fluctuate significantly. Holders could incur substantial losses if market sentiment shifts.  **Liquidity Risk:** Although $A is listed on multiple exchanges, liquidity may vary across venues and during periods of stress. Low liquidity could result in slippage or reduced ability to exit positions.  **Regulatory Uncertainty:** While Vaulta is pursuing MiCA compliance and engaging with regulators, global jurisdictions may adopt inconsistent rules. Future changes in securities, tax, or banking classifications could impact $A’s trading and use. |
| I.2 | Issuer-Related Risks | **Decentralization & Accountability:** Vaulta is a decentralized Layer 1 blockchain with no central issuer guaranteeing token value. This decentralization enhances resilience but means there is no legal entity obligated to maintain $A’s market value or provide restitution.  **Foundation & Advisory Risks:** The Vaulta Foundation and Vaulta Labs play key roles in ecosystem strategy and compliance. If the institutions face operational, financial, or legal challenges, Vaulta’s momentum could be affected.  **Governance Risk:** Vaulta employs decentralized governance via token-holder participation. Disputes or concentrated influence by large holders could delay upgrades, create forks, or undermine confidence. |
| I.3 | Crypto-Assets-related Risks | **High Volatility:** Like all cryptocurrencies, $A is inherently volatile and not backed by physical commodities or state guarantees.  **Token Value:** $A derives value from utility (staking, fees, governance) and adoption. If Vaulta fails to attract developers, institutions, or users, demand could weaken.  **Custody & Key Management Risks:** Self-custody requires secure private key storage. Loss of keys or compromised wallets results in permanent loss of assets, with no recovery mechanism.  **Taxation Risk:** Tax treatment of crypto assets varies widely. Holders may face capital gains, income, or transaction-based taxes depending on jurisdiction.  **Cybersecurity & Technology Risks:** Risks arising from vulnerabilities in the blockchain technology used by the project or platforms. Example risks include smart contract exploits, compromise of platforms, forking scenarios, or compromise of cryptographic algorithms. |
| I.4 | Project Implementation-Related Risks | **Development Risk:** Project Implementation-Rela ted Risks Technology-Related Risks There is a risk that certain planned features or integrations may be delayed or not achieve the expected adoption.  **Adoption Risk:** The value and utility of Vaulta (A) depend on a healthy ecosystem of dApps, users, and partners using the Vaulta blockhain. There is a risk that the ecosystem growth may stagnate.  If the project fails to deliver expected functionalities or to remain competitive, user adoption of the network and demand for Vaulta (A) could suffer. |
| I.5 | Technology-Related Risks | **Consensus & Validator Risks:** As a Delegated Proof-of-Stake (DPoS) network, Vaulta depends on validator participation. Centralization of stake or validator misbehavior could impact security.  **Smart Contract Bugs:** Applications built on Vaulta, including system contracts and banking products, may contain vulnerabilities that could lead to loss of assets.  **Operational Security:** Network downtime, validator outages, or malicious actors could cause transaction delays, forks, or reputational damage.  **Cryptographic Risks:** Vaulta uses industry-standard cryptography, but future advancements (e.g., quantum computing) could undermine security unless timely upgrades occur. |
| I.6 | Mitigation measures | **Audited Infrastructure:** All system contracts have been audited by multiple independent firms.  **Governance Safeguards:** Vaulta employs decentralized governance with multi-party oversight to reduce unilateral decision-making risk. All changes to system contracts require a super majority (15/21) consensus amongst the top 21 ranked block producers.  Vaulta’s governance system enables block producers to vote on protocol changes. This decentralized process allows the token holders to respond to risks by changing their votes towards block producers through transparent on-chain decision-making. While not a technical safeguard, governance serves as an adaptive mechanism to mitigate long-term systemic and coordination risks. |
| A.1 | Name | Vaulta Foundation |
| A.2 | Legal form | N/A |
| A.3 | Registered address | 525-8th Avenue S.W., 43rd Floor Eighth Avenue Place East Calgary, Alberta, T2P 1G1, Canada |
| A.4 | Head office | N/A |
| A.5 | Registration Date | 2021-09-30 |
| A.6 | Legal entity identifier | N/A |
| A.7 | Another identifier required pursuant to applicable national law | **Corporation number:**1339095-1  **Business number (BN):**774135206RC0001  **Governing legislation:** Canada Not-for-profit Corporation Act |
| A.8 | Contact telephone number | N/A |
| A.9 | E-mail address | legal@vaulta.com |
| A.10 | Response Time (Days) | 20 business days |
| A.11 | Parent Company | N/A |
| A.12 | Members of the Management body | |  |  |  | | --- | --- | --- | | **Full Name** | **Business Address** | **Function** | | Yves La Rose | 525 - 8th Avenue SW, 43rd Floor  Calgary AB T2P 1G1  Canada | Director | | Wayne Logan | 525 - 8th Avenue SW, 43rd Floor  Calgary AB T2P 1G1  Canada | Director | |
| A.13 | Business Activity | The Vaulta Foundation coordinates the development and adoption of the Vaulta blockchain. Its activities include:  -Overseeing protocol upgrades, security audits, and validator coordination.  -Supporting ecosystem growth via grants and partnerships.  -Engaging with regulators and financial institutions to align Vaulta with MiCA and other global standards.  -Promoting Vaulta’s four pillars of Web3 Banking: wealth management, payments, tokenized RWAs, and insurance.  The Foundation does not operate as a financial intermediary and does not issue securities, loans, or deposits. |
| A.14 | Parent Company Business Activity | N/A |
| A.15 | Newly Established | False – the Vaulta Foundation is the successor to the EOS Network Foundation, with prior operational history and established financial records. |
| A.16 | Financial condition for the past three years | N/A |
| A.17 | Financial condition since registration | N/A |
| B.1 | Issuer different from offeror or person seeking admission to trading | True – The issuer is the Vaulta network itself, which is a decentralized network |
| B.2 | Name | Not applicable — Vaulta tokens ($A) are native to the Vaulta blockchain and do not have a centralized issuing entity. |
| B.3 | Legal form | N/A |
| B.4 | Registered address | N/A |
| B.5 | Head office | N/A |
| B.6 | Registration Date | N/A |
| B.7 | Legal entity identifier | N/A |
| B.8 | Another identifier required pursuant to applicable national law | N/A |
| B.9 | Parent Company | N/A |
| B.10 | Members of the Management body | Not applicable — Vaulta tokens are protocol-native and not issued by a legal entity. Governance of the protocol is decentralized and exercised via token-holder voting and validator participation. |
| B.11 | Business Activity | N/A |
| B.12 | Parent Company Business Activity | N/A |
| C.1 | Name | Payward Global Solutions LTD |
| C.2 | Legal form | Payward Global Solutions LTD |
| C.3 | Registered address | N/A |
| C.4 | Head office | N/A |
| C.5 | Registration Date | 2023-07-11 |
| C.6 | Legal entity identifier of the operator of the trading platform | 9845003D98SCC2851458 |
| C.7 | Another identifier required pursuant to applicable national law | N/A |
| C.8 | Parent Company | N/A |
| C.9 | Reason for Crypto-Asset White Paper Preparation | Kraken seeks admission to trading of the A token so as to be compliant with MiCA and in keeping with its mission to make available for trading to its clients a wide range of assets. |
| C.10 | Members of the Management body | Identity (name or other identifiers), business address and functions of each of the persons that are members of the management body, as defined in Article 3(1) point (27) of  Regulation (EU) 2023/1114, of the operator of the trading platform.   |  |  |  | | --- | --- | --- | | Full Name | Business Address | Function | | Shannon Kurtas | 70 Sir John Rogerson's Quay, Dublin 2, Ireland | Board Member | | Andrew Mulvenny | 70 Sir John Rogerson's Quay, Dublin 2, Ireland | Board Member | | Shane O'Brien | 70 Sir John Rogerson's Quay, Dublin 2, Ireland | Board Member | | Laura Walsh | 70 Sir John Rogerson's Quay, Dublin 2, Ireland | Board Member | | Michael Walsh | 70 Sir John Rogerson's Quay, Dublin 2, Ireland | Board Member | |
| C.11 | Operator Business Activity | PGSL is the operator of a Trading Platform for Crypto Assets, in accordance with Article 3(1)(18) of Regulation (EU) 2023/1114 (MiCA). |
| C.12 | Parent Company Business Activity | Payward, Inc., a Delaware, USA corporation, is the parent company of a worldwide group of subsidiaries (the following paragraphs use the term "Payward” or “Payward Group” to refer to the group) collectively doing business as “Kraken.” Payward’s primary business is the operation of an online virtual asset platform that enables clients to buy and sell virtual assets on a spot basis, including the transfer of crypto-assets to and from external wallets.  Payward, through its various affiliates, offers a number of other services and products, including: \* A trading platform for futures contracts on virtual assets (“Kraken Derivatives”); \* A platform for buying and selling NFTs; \* An over-the-counter (“OTC”) desk; \* Extensions of margin to support spot trading of virtual assets; \* A benchmark administrator; and \* Staking services. |
| C.13 | Other persons drawing up the crypto-asset white paper according to Article 6(1), second subparagraph, of Regulation (EU) 2023/1114 | N/A |
| C.14 | Reason for drawing the white paper by persons referred to in Article 6(1), second subparagraph, of Regulation (EU) 2023/1114 | N/A |
| D.1 | Crypto-asset project name | Vaulta Network |
| D.2 | Crypto-assets name | Vaulta (A) |
| D.3 | Abbreviation | A |
| D.4 | Crypto-asset project description | Vaulta is a Layer 1 blockchain purpose-built for financial applications, using a Delegated Proof-of-Stake (DPoS) consensus mechanism. Its architecture emphasizes low-latency, high-throughput processing, making it suitable for banking-grade applications such as payments, yield strategies, and tokenized asset settlement. |
| D.5 | Details of all natural or legal persons involved in the implementation of the crypto-asset project | Vaulta is an open-source blockchain with no central issuer. It is maintained by a decentralized network of developers, validators, node operators, and users worldwide. The Vaulta Foundation and other independent contributors drive its development.   |  |  |  | | --- | --- | --- | | Full Name | Business Address | Function | | Vaulta Foundation | Global | Protocol Development and Public Facing Communications | | Vaulta Labs | Global | BD & Ecosystem Support | | Vaulta Block Producers | Global | Transaction Validation, Security, and Governance (dPOS) | | Vaulta Middleware | Global | Vaulta User Experience Development | |  |  |  | |
| D.6 | Utility Token Classification | False |
| D.7 | Key Features of Goods/Services for Utility Token Projects | Not Applicable |
| D.8 | Plans for the token | All Vaulta ($A) token features are already live and there are no plans to change them.  $A powers the Vaulta network by providing:  **Transaction Fees:** Payment of gas fees for all transactions and smart contract execution.  **Staking:** Delegation to validators in Vaulta’s Delegated Proof-of-Stake (DPoS) system, securing the network and earning protocol rewards.  **Governance:** Participation in protocol-level governance, including upgrades and parameter changes via block producer voting. |
| D.9 | Resource Allocation | Not Applicable |
| D.10 | Planned Use of Collected Funds or Crypto-Assets | Not Applicable |
| E.1 | Public Offering or Admission to trading | ATTR |
| E.2 | Reasons for Public Offer or Admission to trading | Making secondary trading available to the consumers on the Kraken Trading platform in compliance with the MiCA regulatory framework |
| E.3 | Fundraising Target | Not Applicable |
| E.4 | Minimum Subscription Goals | Not Applicable |
| E.5 | Maximum Subscription Goal | Not Applicable |
| E.6 | Oversubscription Acceptance | Not Applicable |
| E.7 | Oversubscription Allocation | Not Applicable |
| E.8 | Issue Price | Not Applicable |
| E.9 | Official currency or other crypto-assets determining the issue price | Not Applicable |
| E.10 | Subscription fee | Not Applicable |
| E.11 | Offer Price Determination Method | Not Applicable |
| E.12 | Total Number of Offered/Traded crypto-assets | **Maximum Supply:** The maximum supply of Vaulta tokens ($A) is 2,100,000,000, matching the cap of the EOS token supply at the time of migration. No token inflation or additional minting mechanisms exist.  **Current Circulating Supply (as of August 19, 2025):** Approximately 660 million $A tokens are currently in circulation.  **Non-Circulating Supply & Vesting Schedule:** The remainder is locked under a structured vesting schedule. These tokens will be released gradually over time via four-year halving cycles, meaning each four-year period halves the release rate until the maximum supply is fully in circulation. No new tokens will be created beyond this schedule. |
| E.13 | Targeted Holders | ALL |
| E.14 | Holder restrictions | Not Applicable |
| E.15 | Reimbursement Notice | Not Applicable |
| E.16 | Refund Mechanism | Not Applicable |
| E.17 | Refund Timeline | Not Applicable |
| E.18 | Offer Phases | Not Applicable |
| E.19 | Early Purchase Discount | Not Applicable |
| E.20 | Time-limited offer | Not Applicable |
| E.21 | Subscription period beginning | Not Applicable |
| E.22 | Subscription period end | Not Applicable |
| E.23 | Safeguarding Arrangements for Offered Funds/crypto-assets | Not Applicable |
| E.24 | Payment Methods for crypto-asset Purchase | Not Applicable |
| E.25 | Value Transfer Methods for Reimbursement | Not Applicable |
| E.26 | Right of Withdrawal | Not Applicable |
| E.27 | Transfer of Purchased crypto-assets | Not Applicable |
| E.28 | Transfer Time Schedule | Not Applicable |
| E.29 | Purchaser's Technical Requirements | Not Applicable |
| E.30 | Crypto-asset service provider (CASP) name | Not Applicable |
| E.31 | CASP identifier | Not Applicable |
| E.32 | Placement form | NTAV |
| E.33 | Trading Platforms name | Not Applicable |
| E.34 | Trading Platforms Market Identifier Code (MIC) | Not Applicable |
| E.35 | Trading Platforms Access | Not Applicable |
| E.36 | Involved costs | Not Applicable |
| E.37 | Offer Expenses | Not Applicable |
| E.38 | Conflicts of Interest | All listings decisions made by Payward Global Solution Ltd are made independently by staff of the entity in line with internal policies. PGSL publishes a conflicts of interest disclosure on its website advising of potential conflicts that may arise. |
| E.39 | Applicable law | Any dispute relating to this white paper shall be governed by and construed and enforced in accordance with the laws of Ireland without regard to conflict of law rules or principles (whether of Ireland or any other jurisdiction) that would cause the application of the laws of any other jurisdiction, irrespective of whether OM tokens qualify as right or property under the applicable law. |
| E.40 | Competent court | Any disputes or claims arising out of this white paper will be subject to the exclusive jurisdiction of the Irish courts. |
| F.1 | Crypto-Asset Type | Other Crypto-Asset (OCA) – the Vaulta token ($A) is the native token of the Vaulta Layer 1 blockchain. |
| F.2 | Crypto-Asset Functionality | $A powers the Vaulta network by providing:  **Transaction Fees:** Payment of gas fees for all transactions and smart contract execution.  **Staking:** Delegation to validators in Vaulta’s Delegated Proof-of-Stake (DPoS) system, securing the network and earning protocol rewards.  **Governance:** Participation in protocol-level governance, including upgrades and parameter changes via block producer voting. |
| F.3 | Planned Application of Functionalities | There are no additional Vaulta functionalities pending implementation. All key features of Vaulta are active. Should new token functionalities be developed in the future (beyond those already live), they will be communicated in updates to the community. |
| F.4 | Type of crypto-asset white paper | OTHR |
| F.5 | The type of submission | NEWT |
| F.6 | Crypto-Asset Characteristics | **Commercial Name:** Vaulta Token  **Ticker Symbol:** $A  **Total Supply:** Fixed at 1:1 with the EOS token supply migrated during the EOS → Vaulta swap. No new issuance or inflationary schedule.  **Supply Model:** Fixed supply, no minting or algorithmic adjustment mechanisms.  **Transferability:** Freely transferable and tradable across supported exchanges and wallets.  **Standards Compatibility:** $A is fully compatible with Vaulta-native smart contracts and EVM-based tokens via cross-chain support.  **Rights Conferred:** No equity, debt, or profit rights; solely functional use within the Vaulta protocol. |
| F.7 | Commercial name or trading name | Vaulta Token ($A) |
| F.8 | Website of the issuer | www.vaulta.com |
| F.9 | Starting date of offer to the public or admission to trading | 2025-05-01 (initial listings under EOS -> A token swap execution) |
| F.10 | Publication date | 2025-09-05 |
| F.11 | Any other services provided by the issuer | Not Applicable |
| F.12 | Language or languages of the white paper | English |
| F.13 | Digital Token Identifier | N/A |
| F.14 | Functionally Fungible Group Digital Token Identifier | N/A |
| F.15 | Voluntary data flag | Mandatory |
| F.16 | Personal data flag | True |
| F.17 | LEI eligibility | N/A |
| F.18 | Home Member State | Ireland |
| F.19 | Host Member States | Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden |
| G.1 | Purchaser Rights and Obligations | Purchasers or holders of Vaulta tokens ($A) do not acquire contractual rights, equity, debt claims, or ownership interests in the Vaulta Foundation or any affiliated entity. $A does not represent shares, securities, or entitlements to profits, dividends, or underlying assets.  Rights associated with $A exist exclusively on-chain and are exercised through the Vaulta network’s functionality (e.g., transaction fees, staking, governance). |
| G.2 | Exercise of Rights and obligations | **Transaction Rights:** Holders may use $A to pay transaction fees and interact with applications built on Vaulta.  **Staking Rights:** $A can be delegated to validators to secure the network, with holders eligible to receive rewards in accordance with protocol rules.  **Governance Rights:** $A holders may participate in decentralized governance, including voting on upgrades, parameters, and community-driven proposals. |
| G.3 | Conditions for modifications of rights and obligations | Since $A is a decentralized crypto-asset, modifications to its rights are made only through protocol-level governance. Proposed changes (e.g., fee structure, staking incentives) require community approval via governance processes. Adoption depends on validator and user consensus — there is no unilateral ability by any foundation or company to alter token functionality. |
| G.4 | Future Public Offers | Not Applicable |
| G.5 | Issuer Retained Crypto-Assets | Not Applicable |
| G.6 | Utility Token Classification | False |
| G.7 | Key Features of Goods/Services of Utility Tokens | Not Applicable |
| G.8 | Utility Tokens Redemption | Not Applicable |
| G.9 | Non-Trading request | True |
| G.10 | Crypto-Assets purchase or sale modalities | Not Applicable |
| G.11 | Crypto-Assets Transfer Restrictions | Kraken may, in accordance with applicable laws and internal policies and terms, impose restrictions on buyers and sellers of these tokens. |
| G.12 | Supply Adjustment Protocols | False  $A has a **fixed total supply** equal to the EOS supply at the time of token swap. No additional issuance mechanisms exist, and there is no inflationary schedule. |
| G.13 | Supply Adjustment Mechanisms | Not applicable — Vaulta does not employ supply adjustment mechanisms (e.g., algorithmic stabilization or redemption schemes) |
| G.14 | Token Value Protection Schemes | False - no value protection schemes (e.g., price pegs, reserves) are associated with $A. |
| G.15 | Token Value Protection Schemes Description | Not applicable |
| G.16 | Compensation Schemes | False - no compensation or guarantee schemes are available to $A holders. |
| G.17 | Compensation Schemes Description | Not Applicable |
| G.18 | Applicable law | Not applicable - Vaulta (A) is not governed by any specific national contract or securities law as an instrument. The rights of Vaulta (A) holders are defined by code (Vaulta Network) and not by a contract enforceable in court. |
| G.19 | Competent court | Disputes relating to services provided by regulated partners (custodians, exchanges, insurers) are subject to the competent courts of the respective jurisdiction. Vaulta itself, as a decentralized protocol, is not subject to any single national court. |
| H.1 | Distributed ledger technology | Vaulta is a Layer 1 blockchain purpose-built for financial applications, using a Delegated Proof-of-Stake (DPoS) consensus mechanism. Its architecture emphasizes low-latency, high-throughput processing, making it suitable for banking-grade applications such as payments, yield strategies, and tokenized asset settlement.  Vaulta operates on a public, decentralized blockchain that utilizes advanced Distributed Ledger Technology (DLT) to enable high-performance Web3 banking and financial services. The network maintains a tamper-resistant, immutable ledger of all transactions and smart contract executions, secured through cryptographic techniques and consensus mechanisms.  **Vaulta Blockchain Characteristics:**  **Decentralization:** Vaulta operates as a permissionless, global blockchain with no central authority controlling the network. Anyone can run a node, participate in validation through Block Producer voting, or develop applications on the platform.  **Security:** Transactions and smart contracts are secured through advanced cryptographic techniques, with blocks linked in an immutable chain. The Delegated Proof-of-Stake consensus mechanism enhanced with Savanna consensus provides institutional-grade security and deterministic finality.  **Performance:** The network achieves one-second deterministic finality through the Savanna consensus algorithm, significantly outperforming traditional blockchain networks. High throughput capabilities support institutional-scale applications without compromising decentralization.  **Smart Contract Functionality:** Vaulta enables sophisticated smart contracts and decentralized applications (dApps) through its WebAssembly (WASM) virtual machine, providing multi-language support and superior performance compared to traditional virtual machines.  **Resource Model:** Unlike gas-based networks, Vaulta uses a resource allocation model where users stake tokens to access CPU (computation) and NET (bandwidth), providing predictable costs and eliminating fee volatility.  **RAM Ownership:** Users and smart contracts acquire RAM in order to store data in a decentralized database. The in-memory architecture of RAM maximizes smart contract performance.  **Interoperability:** The network supports cross-chain communication through Antelope IBC and features integrated Bitcoin infrastructure via exSat, enabling comprehensive Web3 banking services across multiple blockchain ecosystems.  Further Information Sources and Links  (All links validated as per 21 October 2024)   * <https://www.vaulta.com/> provides comprehensive information about the Vaulta blockchain. * <https://docs.vaulta.com/> The official documentation for developers building on the Vaulta blockchain. * <https://unicove.com/> The official web portal for accessing the Vaulta network. * <https://wharfkit.com/> The official website for the Vaulta javascript SDK suite. * GitHub Repositories   + <https://github.com/AntelopeIO/spring> Vaulta  node software.   + <https://github.com/AntelopeIO/cdt> Vaulta contract development toolkit.   + <https://github.com/VaultaFoundation/Bolt> Vaulta contract framework.   + <https://github.com/VaultaFoundation/system-contracts> Vaulta System Contracts.   + <https://github.com/wharfkit> Vaulta javascript SDK suite |
| H.2 | Protocols and technical standards | **Vaulta Protocol Architecture**  Vaulta operates on a sophisticated multi-layered architecture designed for institutional-grade performance and reliability:  **Consensus Layer - Savanna with DPoS:** The network utilizes Delegated Proof-of-Stake (DPoS) enhanced with the Savanna consensus algorithm. This combination provides deterministic one-second finality through BLS signature aggregation and cryptographic quorum certificates, significantly improving upon traditional consensus mechanisms.  **Network Protocol:** Vaulta nodes communicate through a robust peer-to-peer protocol that efficiently propagates transactions and blocks across the global network. The protocol includes advanced features for network optimization and resilience.  **Smart Contract Standards:** The platform supports WebAssembly (WASM) smart contracts, providing superior performance and flexibility compared to traditional virtual machines. Contracts can be written in multiple programming languages and compiled to WASM bytecode.  **Account and Permission System:** Vaulta features a sophisticated account model with hierarchical permissions, enabling complex authorization schemes for institutional use cases. This includes multi-signature capabilities and custom permission structures.  **Interoperability Protocols:**  *Antelope IBC:* Secure inter-blockchain communication protocol for cross-chain asset and data transfer  *EVM Compatibility:* Support for Ethereum-based applications through an integrated Ethereum Virtual Machine  *exSat Integration:* Native Bitcoin infrastructure enabling Bitcoin-based financial services  **Resource Management:** The network implements a unique resource allocation system where CPU, NET, and RAM are managed through staking mechanisms rather than gas fees, providing predictable costs for applications. |
| H.3 | Technology Used | Vaulta operates on cutting-edge blockchain technology designed for institutional-grade performance and reliability:  **Core Infrastructure:** The network runs on optimized C++ node software (nodeos) that provides high-performance transaction processing and validation. The software is designed for enterprise-grade reliability and has maintained continuous operation for over seven years.  **Wallet and Security Infrastructure:** Vaulta supports multiple wallet types including software wallets, hardware wallets, and institutional custody solutions. The network features advanced security mechanisms including multi-signature accounts, hierarchical permissions, and time-delay authorizations.  **Resource Management System:**  *CPU and NET:* Allocated through resource staking with proportional resource allocation  *RAM:* Purchased and sold through a Bancor-based market mechanism  *Yield Staking:* Separate staking for earning rewards and governance participation  *PowerUp:* Alternative resource rental system for temporary resource needs  **Smart Contract Execution:** WebAssembly (WASM) virtual machine enables high-performance smart contract execution with support for multiple programming languages including C++, Rust, and others that compile to WASM.  **Developer Tools:** Comprehensive SDK and development tools support application development, including command-line interfaces (CLI), JavaScript libraries, and integrated development environments. |
| H.4 | Consensus Mechanism | Vaulta operates using an advanced Delegated Proof-of-Stake (DPoS) consensus mechanism enhanced with Savanna consensus technology, providing institutional-grade security and performance.  **Delegated Proof-of-Stake (DPoS):**  Token holders vote for Block Producers who validate transactions and maintain network security. 21 active Block Producers are elected through continuous approval voting. Voting weight is proportional to staked token holdings. Block Producers can be voted out if they fail to perform adequately.  **Savanna Consensus Enhancement:**  Savanna Consensus provides deterministic one-second finality for all transactions. It uses BLS signature aggregation for efficient consensus, implementing cryptographic quorum certificates for enhanced security. This approach eliminates probabilistic finality of traditional blockchain networks, ensuring deterministic finality in two blocks (one second on Vaulta).  **Security Features:**  Byzantine Fault Tolerance ensures network security even if up to 1/3 of Block Producers are compromised. Continuous election of Block Producers by token stakers maintains network decentralization.  Please refer further to the information provided in section H.1 above. |
| H.5 | Incentive Mechanisms and Applicable Fees | **Transaction Fees:** Vaulta employs predictable, near-zero transaction fees, ensuring scalability for everyday banking.  **Staking Rewards:** $A holders earn rewards by delegating tokens to validators or via hybrid yield strategies in exSat.  **Delegation Model:** Rewards are distributed proportionally based on stake, with validator commissions set transparently on-chain.  **Fee Model:** Fees are designed to prevent spam while keeping cost per transaction at fractions of a cent, supporting micro-payments and large-scale settlement use cases.  **Fee Distribution:** The network generates revenue through RAM trading fees, PowerUp fees, and name auction proceeds, which are distributed to Block Producers to ensure sustainable network operation.  Please refer further to the information provided in section H.1 above. |
| H.6 | Use of Distributed Ledger Technology | Vaulta uses distributed ledger technology to synchronize data across globally distributed validator nodes, ensuring censorship resistance, immutability, and fault tolerance. Vaulta's distributed ledger technology serves multiple critical functions within the Web3 banking ecosystem:  **Smart Contract Platform:** Enables complex financial instruments and automated agreements through high-performance smart contracts.  **Identity and Permissions:** Sophisticated account system supports institutional-grade identity management and authorization workflows.  **Governance Integration:** On-chain governance mechanisms enable transparent decision-making for protocol upgrades and parameter adjustments.  **Audit and Compliance:** Immutable transaction records provide comprehensive audit trails for regulatory compliance and financial reporting. |
| H.7 | DLT Functionality Description | The Vaulta network does not rely on a single entity but is rather operated by all nodes participating in proposing and finalizing blocks, on behalf of all token holders whose continuous voting elects them. The network is sufficiently decentralized so that there is no central party operating the system. Anyone may participate in token staking, voting, and node operation. Anyone may nominate themselves for consideration as a block proposer or finalizer.  Please refer further to the information provided in section H.1 above. |
| H.8 | Audit | True - Yes |
| H.9 | Audit outcome | Third-party security assessments (e.g., CertiK, Sentinl) confirmed no critical vulnerabilities. Ongoing audits are part of Vaulta’s security program, with future banking and custody modules subject to additional review.  <https://skynet.certik.com/projects/eos-network>  <https://www.sentnl.io/audits/eos-foundation-0> |
| S.1 | Name | Payward Global Solutions Limited |
| S.2 | Relevant legal entity identifier | 9845003D98SCC2851458 |
| S.3 | Name of the crypto-asset | Vaulta (A) |
| S.4 | Consensus Mechanism | Vaulta operates using an advanced Delegated Proof-of-Stake (DPoS) consensus mechanism enhanced with Savanna consensus technology, providing institutional-grade security and performance.  **Delegated Proof-of-Stake (DPoS):**  Token holders vote for Block Producers who validate transactions and maintain network security. 21 active Block Producers are elected through continuous approval voting. Voting weight is proportional to staked token holdings. Block Producers can be voted out if they fail to perform adequately.  **Savanna Consensus Enhancement:**  Savanna Consensus provides deterministic one-second finality for all transactions. It uses BLS signature aggregation for efficient consensus, implementing cryptographic quorum certificates for enhanced security. This approach eliminates probabilistic finality of traditional blockchain networks, ensuring deterministic finality in two blocks (one second on Vaulta).  **Security Features:**  Byzantine Fault Tolerance ensures network security even if up to 1/3 of Block Producers are compromised. Continuous election of Block Producers by token stakers maintains network decentralization.  Please refer further to the information provided in section H.1 above. |
| S.5 | Incentive Mechanisms and Applicable Fees | **Transaction Fees:** Vaulta employs predictable, near-zero transaction fees, ensuring scalability for everyday banking.  **Staking Rewards:** $A holders earn rewards by delegating tokens to validators or via hybrid yield strategies in exSat.  **Delegation Model:** Rewards are distributed proportionally based on stake, with validator commissions set transparently on-chain.  **Fee Model:** Fees are designed to prevent spam while keeping cost per transaction at fractions of a cent, supporting micro-payments and large-scale settlement use cases.  **Fee Distribution:** The network generates revenue through RAM trading fees, PowerUp fees, and name auction proceeds, which are distributed to Block Producers to ensure sustainable network operation.  Please refer further to the information provided in section H.1 above. |
| S.6 | Beginning of the period to which the disclosed information relates | 2025-09-05 |
| S.7 | End of the period to which the disclosed information relates | 2025-09-05 |
| S.8 | Energy consumption | 897337.9 kWh per year |
| S.9 | Energy consumption sources and methodologies | For the calculation of energy consumptions, the so-called “bottom-up” approach is being used. The block producers (nodes) are considered to be the central factor for the energy consumption of the network. These assumptions are made on the basis of empirical findings through the use of public information sites, open-source crawlers and crawlers developed in-house. The main determinants for estimating the hardware used within the network are the requirements for operating the client software (Antelope). Surveys were conducted by the Vaulta Foundation and completed voluntarily by the block producers who secure the Vaulta Network. The information regarding the hardware used and the number of participants in the network is based on assumptions that are verified with best effort using empirical data. In general, participants are assumed to be largely economically rational. As a precautionary principle, we make assumptions on the conservative side when in doubt, i.e. making higher estimates for the adverse impacts. The energy consumption of the hardware devices were measured in certified test laboratories. When calculating the energy consumption, block producers used - if available - the Functionally Fungible Group Digital Token Identifier (FFG DTI) to determine all implementations of the asset of question in scope and we update the mappings regularly, based on data of the Digital Token Identifier Foundation. |