SPYWOLF

Security Audit Report

Audit prepared for

KAANCH

Completed on

January 11, 2025

OVERVIEW

This goal of this report is to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

The results of this audit are purely based on the team’s evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

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KAANCH

PROJECT DESCRIPTION:

According to their website:

Discover Kaanch Network, the next-generation Layer 1 blockchain built for unmatched speed and scalability.
Kaanch Network sets a new benchmark in blockchain performance, processing up to 1.4 million transactions per second with block times as fast as 0.8 seconds.
This lightning-fast transaction throughput ensures seamless, real-time processing, positioning Kaanch Network as one of the most scalable and high-performance blockchain platforms on the market.
Powered by 3,600 nodes, Kaanch Network boosts security and performance, while offering near-zero gas fees. Experience faster, safer, and more affordable decentralized transactions like never before.

Release Date: TBA

Launchpad: TBA

Category: DeFi

KEY RESULTS

Cannot mint new tokens	PASSED
Cannot pause trading (honeypot)	PASSED
Cannot blacklist an address	PASSED
Cannot raise taxes over 25%?	PASSED
No proxy contract detected	PASSED
Not required to enable trading	PASSED
No hidden ownership	PASSED
Cannot change the router	PASSED
No cooldown feature found	PASSED
Bot protection delay is lower than 5 blocks	PASSED
Cannot set max tx amount below 0.05% of total supply	PASSED
The contract cannot be self-destructed by owner	PASSED

For a more detailed and thorough examination of the heightened risks, refer to the subsequent parts of the report.

CONTRACT INFO

Token Name
Kaanch

Symbol
KNCH

Contract Address
0x858E0931Be0d1662e3F7c2340a7eE049281E198A

Network
Ethereum

Language
Solidity

Deployment Date
Jan 10, 2025

Contract Type
Standard token

Total Supply
36,000,000

Decimals
18

TAXES

Buy Tax
0%

Sell Tax
0%

*Taxes cannot be changed

Our Contract Review Process

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Last transaction time	2025-01-10 11:31:47 UTC
Deployment Date	2025-01-10 11:31:47 UTC
Create TX	0x9c1325385a37fa3223f366c7ecffeee6feee60267e03d55d0442ac31c00a156f
Owner	0x59202E0Ac77cbc5Cfb4668f4FD32d43bBf0B2d60
Deployer	0x59202E0Ac77cbc5Cfb4668f4FD32d43bBf0B2d60

TOKEN TRANSFERS STATS

Transfer Count	1
Total Amount	36000000 KNCH
Median Transfer Amount	36000000 KNCH
Average Transfer Amount	36000000 KNCH
First transfer date	2025-01-10
Last transfer date	2025-01-10
Days token transferred	1 Days

FEATURED WALLETS

Owner address	0x59202E0Ac77cbc5Cfb4668f4FD32d43bBf0B2d60
Marketing fee receiver	unavailable
LP address	Liquidity is not added yet

TOP 3 UNLOCKED WALLETS

100%	Same as deployer Tokens are not distributed yet 0x59202E0Ac77cbc5Cfb4668f4FD32d43bBf0B2d60
unavailable	
unavailable	

VULNERABILITY ANALYSIS

ID	Title	
SWC-100	Function Default Visibility	**Passed**
SWC-101	Integer Overflow and Underflow	**Passed**
SWC-102	Outdated Compiler Version	**Passed**
SWC-103	Floating Pragma	**Passed**
SWC-104	Unchecked Call Return Value	**Passed**
SWC-105	Unprotected Ether Withdrawal	**Passed**
SWC-106	Unprotected SELFDESTRUCT Instruction	**Passed**
SWC-107	Reentrancy	**Passed**
SWC-108	State Variable Default Visibility	**Passed**
SWC-109	Uninitialized Storage Pointer	**Passed**
SWC-110	Assert Violation	**Passed**
SWC-111	Use of Deprecated Solidity Functions	**Passed**
SWC-112	Delegatecall to Untrusted Callee	**Passed**
SWC-113	DoS with Failed Call	**Passed**
SWC-114	Transaction Order Dependence	**Passed**
SWC-115	Authorization through tx.origin	**Passed**
SWC-116	Block values as a proxy for time	**Passed**
SWC-117	Signature Malleability	**Passed**
SWC-118	Incorrect Constructor Name	**Passed**

VULNERABILITY ANALYSIS

ID	Title	
SWC-119	Shadowing State Variables	Passed
SWC-120	Weak Sources of Randomness from Chain Attributes	Passed
SWC-121	Missing Protection against Signature Replay Attacks	Passed
SWC-122	Lack of Proper Signature Verification	Passed
SWC-123	Requirement Violation	Passed
SWC-124	Write to Arbitrary Storage Location	Passed
SWC-125	Incorrect Inheritance Order	Passed
SWC-126	Insufficient Gas Griefing	Passed
SWC-127	Arbitrary Jump with Function Type Variable	Passed
SWC-128	DoS With Block Gas Limit	Passed
SWC-129	Typographical Error	Passed
SWC-130	Right-To-Left-Override control character (U+202E)	Passed
SWC-131	Presence of unused variables	Passed
SWC-132	Unexpected Ether balance	Passed
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Passed
SWC-134	Message call with hardcoded gas amount	Passed
SWC-135	Code With No Effects	Passed
SWC-136	Unencrypted Private Data On-Chain	Passed

VULNERABILITY ANALYSIS

NO ERRORS FOUND

MANUAL
CODE REVIEW

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time.

We categorize these vulnerabilities by 4 different threat levels.

THREAT LEVELS

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance, functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

FOUND THREATS

⚠ Medium Risk

The contract owner has the ability to whitelist specific addresses. Whitelisted addresses are permitted to buy, sell, or transfer tokens, even in cases where trading is disabled. When trading is disabled, the contract could potentially function as a honeypot, restricting other users from engaging in transactions.

Please note: This risk is mitigated once the 'trading' state variable is set to true.

```
function setWhitelist(address _user, bool _status) external onlyOwner {
    whitelist[_user] = _status;
    emit WhitelistUpdated(_user, _status);
}


function _transfer(address from, address to, uint256 amount) private {
    require(from != address(0), "Kaanch: Transfer from zero address");
    require(to != address(0), "Kaanch: Transfer to zero address");
    require(amount > 0, "Kaanch: Transfer amount must be greater than zero");

    if (!whitelist[from] && !whitelist[to]) {
        require(trading, "Kaanch: Trading is disabled");
    }

    uint256 senderBalance = _balances[from];
    require(senderBalance >= amount, "Kaanch: Insufficient balance");

    _balances[from] -= amount;
    _balances[to] += amount;

    emit Transfer(from, to, amount);
}
```

- Recommendation:
  - It is recommended to enable trading prior to the addition of initial liquidity (i.e., before the completion of the presale).

FOUND THREATS

Informational

Owner can enable trading once.
Once enabled, trading cannot be disabled.

```
function enableTrading() external onlyOwner {
    require(!trading, "Kaanch: Trading is already enabled");
    trading = true;
}
```

The following tokenomics are based on the project's whitepaper and/or website:

Tokenomics:

Validator - 62%,

Airdrop - 10%,

Advisor - 3%,

Team - 7%,

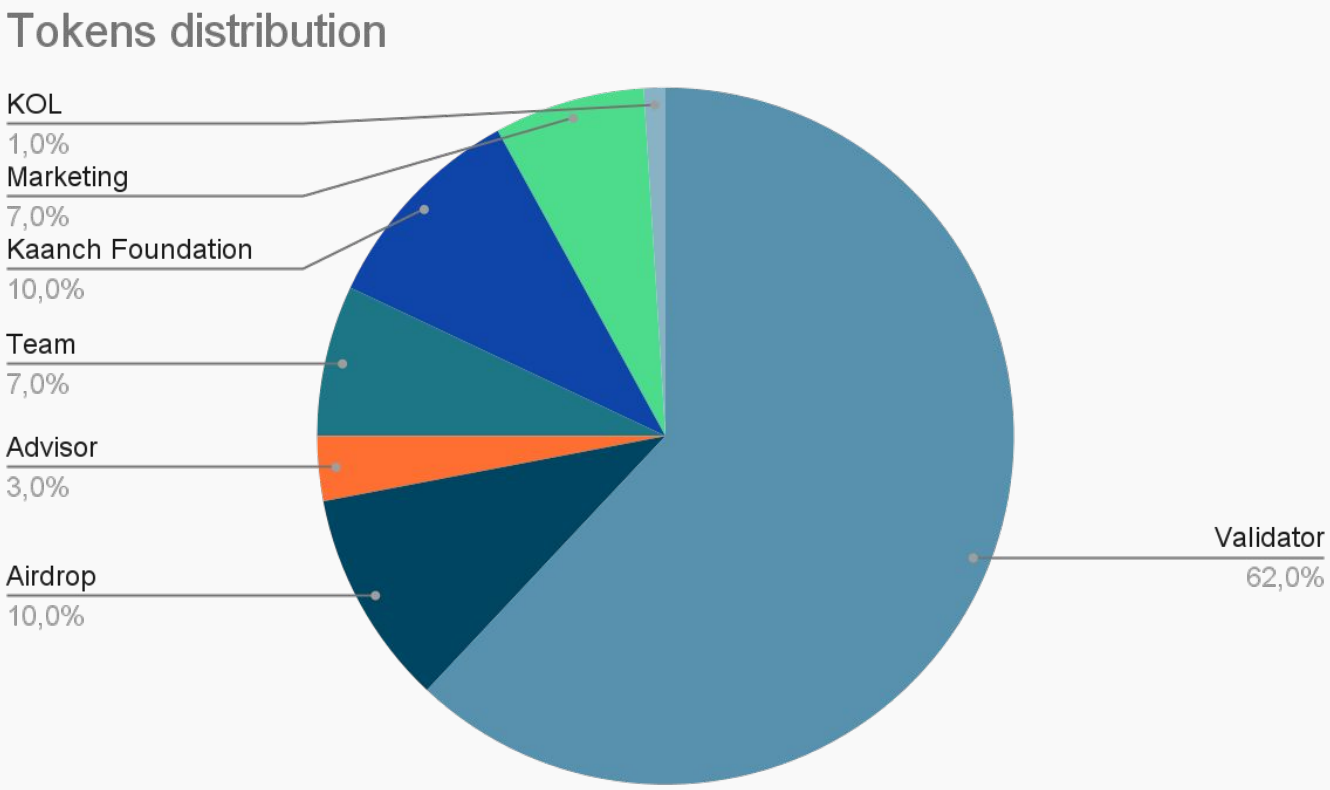
Kaanch Foundation - 10%,

Marketing - 7%,

KOL (Key Opinion Leaders) - 1%

For more information about token vesting periods, check project’s webpage: https://kaanch.com/token

Token Distribution



TOKENOMICS

WEBSITE

Website URL:
https://kaanch.com/

Domain Registry
https://www.godaddy.com

Domain Expiration
2028-01-24

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

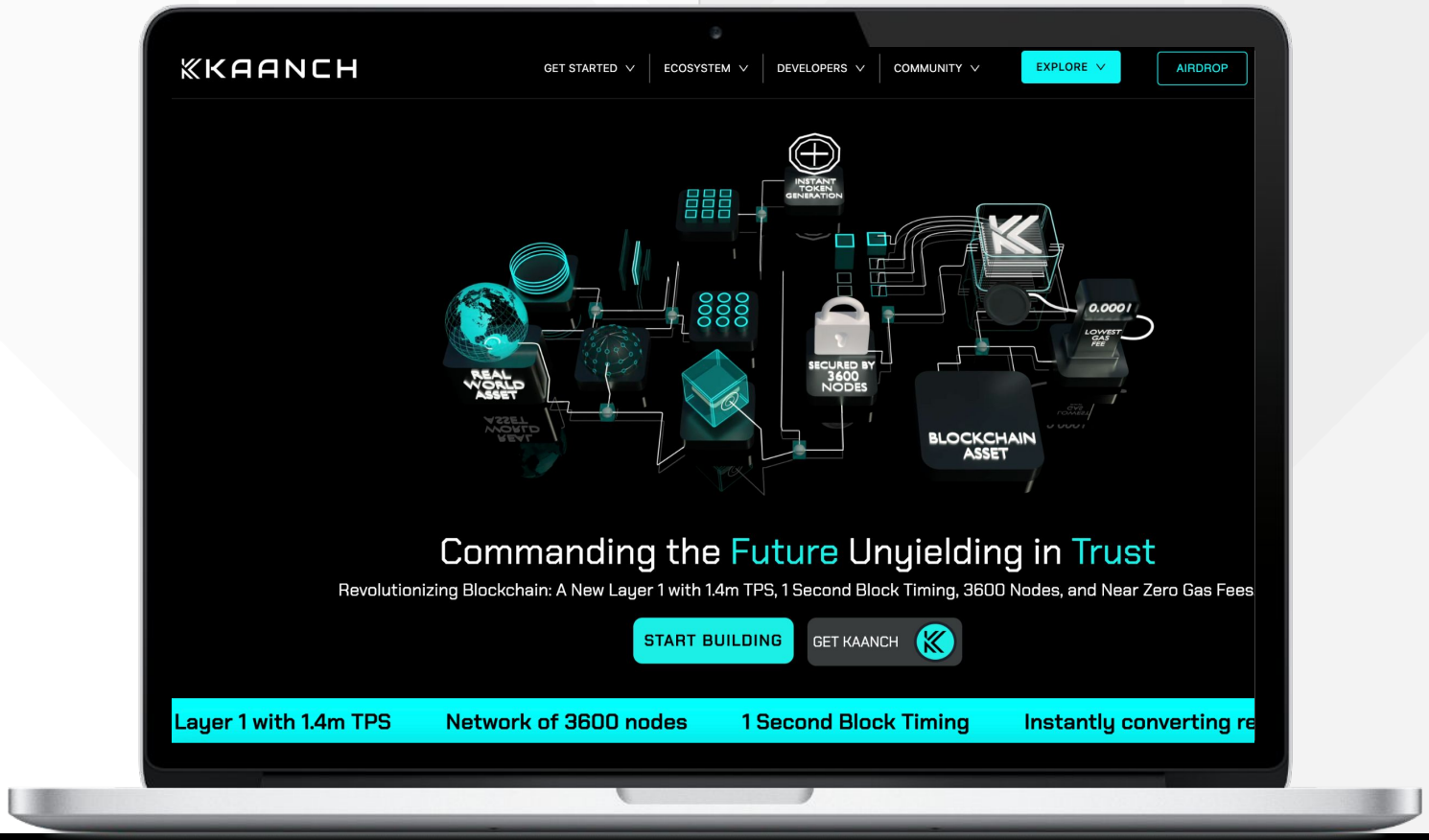
Design
Very nice color scheme and overall layout.

Content
The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper
Explanatory documentations page

Roadmap
Yes, goals set with time frames

Mobile-friendly?
Yes



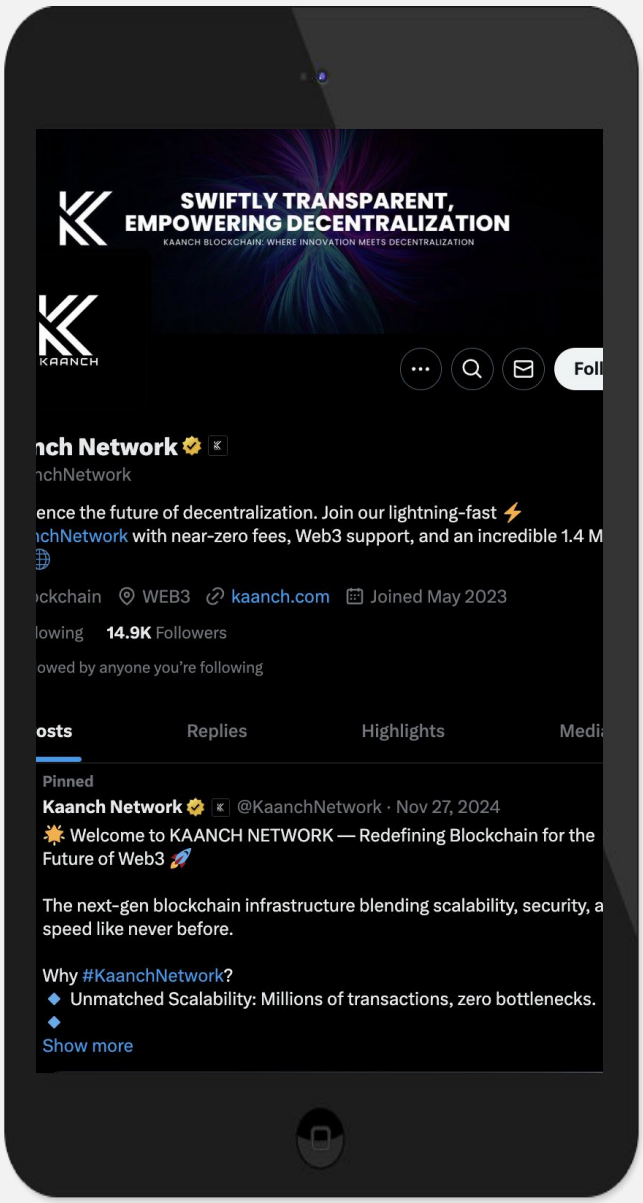
kaanch.com

SOCIAL MEDIA

Social Score: 100%

ANALYSIS

Project social media pages are active with daily posts.



Twitter:

@KaanchNetwork

- 14 900 followers
- Posts frequently
- Active

Discord

@kaanch

- 15 members

Telegram:

@kaanchnetwork

- 248 members
- Active members
- Active mods

Medium

Unavailable

SPYWOLF

CRYPTO SECURITY

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Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.
While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.