

Project Audit

TESTNET



Project:
Ezillion

May 27, 2022

Overview

This audit has been prepared for **Ezillion** to review the main aspects of the project to help investors make an informative decision in the research process.

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

- Contract's source code
- Project and team
- Website
- Social media & online presence

The following audit is made for contracts deployed on TESTNET.

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

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.



"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

Smart Contract Summary

Contract Name	EzilionLaunchPadDeployer
Ticker	N/A
Contract	0x114eF098C2E5ab204a40f77c0870637C216840D9
Network	Binance smart chain TESTNET
Language	Solidity
Tax	Launchpad deploy fee: 400 BUSD Launchpad service fee: 2%
Total Supply	N/A
Status	Deployed on TESTNET

Current stats

Required staked amount for tier 1	40,000,000,000
Required staked amount for tier 2	200,000,000,000
Required staked amount for tier 3	400,000,000,000

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0x49A61ba8E25FBd58cE9B30E1276c4Eb41dD80a80
Funds wallet	Same as owner
Liquidity lock contract	0xA99aA252E42C41d16249801b30748BaBa0F2EbB2
Staking contract	0x315a85263A8DA64f1bd93530172a68bdC9B5ce94

Security Threats

Owner can change staking amounts required for presale participation for each tier in new presale.

```
function changeStakingRequirements(  
    uint256 amountStakingRequiredTier1,  
    uint256 amountStakingRequiredTier2,  
    uint256 amountStakingRequiredTier3  
) public onlyOwner {  
    amountStakingRequiredTier = [amountStakingRequiredTier1,  
    amountStakingRequiredTier2, amountStakingRequiredTier3];  
}
```

Owner can change locking contract address.

```
function changeLpLockContract(address _lpLock) public onlyOwner {  
    lockLiquidity = lockingVault(_lpLock);  
}
```

Owner can change launchpad service fee.

```
function changeLaunchpadServiceFee(uint256 fee) public onlyOwner {  
    launchPadServiceFeePercentage = fee;  
}
```

Owner can change staking contract address.

```
function changeStakingContract(address _stakingContract) public onlyOwner {  
    stakingContract = MasterChef(_stakingContract);  
}
```

Owner can change presale creation fee.

```
function changeDeployingFee(uint256 fee) public onlyOwner { // amount in WEI 18 Decimals  
    launchPadDeployFee = fee;  
}
```

Security Threats

The creator of new presale is owner of the newly created presale's contract and can change the following:

BUSDtoken (can be any token usdt/busd/bnb etc.)

Staking contract for the current presale

Liquidity locking contract for the current presale

Pancakeswap router

```
function initialize(address _busd, address _staking, address _v2Router, address _lpLockContract)
public onlyOwner {
    BUSDToken = IERC20(_busd);
    stakingContract = MasterChef(_staking);
    uniswapV2Router = IUniswapV2Router02(_v2Router);
    lockLiquidity = lockingVault(_lpLockContract);
}
```


Smart Contract Summary

Contract Name	Staking
Ticker	N/A
Contract	0x315a85263A8DA64f1bd93530172a68bdC9B5ce94
Network	Binance smart chain TESTNET
Language	Solidity
Tax	N/A
Total Supply	N/A
Status	Deployed on TESTNET

Current Stats

lockPeriod1	7 days
lockPeriod2	14 days
lockPeriod3	30 days

Featured Wallets

Owner address	0x49A61ba8E25FBd58cE9B30E1276c4Eb41dD80a80
Token	0xd83Ce95148676a343FF35154AE09056Fc9f966C0

Security Threats

Owner can withdrawal funds from the contract.

```
function withdrawAnyTokens(address _token, address recipient, uint256 amount) public onlyOwner{
    IBEP20 anyToken = IBEP20(_token);
    anyToken.transfer(recipient, amount);
    emit WithdrawToken(recipient, amount);
}

function withdrawFunds() public onlyOwner{
    _msgSender().transfer(address(this).balance);
    emit Withdraw(_msgSender());
}
```

Owner can change locking period for staked tokens for each tier.

```
function setLockedPeriods(uint256 _lockTier1, uint256 _lockTier2, uint256 _lockTier3) public onlyOwner {
    lockPeriod1 = _lockTier1;
    lockPeriod2 = _lockTier2;
    lockPeriod3 = _lockTier3;
}
```

Owner can change rewards per second for each tier.

```
function setApyTiers(uint256 _apyTier1, uint256 _apyTier2, uint256 _apyTier3) public onlyOwner {
    apyTier1 = _apyTier1;
    apyTier2 = _apyTier2;
    apyTier3 = _apyTier3;
}
```

Owner can enable/disable staking APY rewards.

```
function flipApyEnabled() public onlyOwner {
    apyEnabled = !apyEnabled;
}
```

Smart Contract Summary

Contract Name	LockingVault
Ticker	N/A
Contract	0xa67Cf8D4673Ef6F2B053A7b3638BE312C6dF3b76
Network	Binance smart chain TESTNET
Language	Solidity
Tax	N/A
Total Supply	N/A
Status	Deployed on TESTNET

Featured Wallets

Owner address	0x49A61ba8E25FBd58cE9B30E1276c4Eb41dD80a80
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Security Threats

No security threats.

Ezillion Project & Team Review

According to project's whitepaper:

Ezillion will be launchpad, serving as IDO platform for liquidity raising and new tokens launch. Native token of Ezillion ecosystem will be \$EZI.

Project's development goals are as follows:

- Launchpad where users can raise liquidity and launch their tokens.
- Staking platform where users can stake their \$EZI tokens for benefits like participating in their presale Tier system.
- NFT Marketplace where users can create, mint, buy and sell NFTs.

Team: KYC by SpyWolf

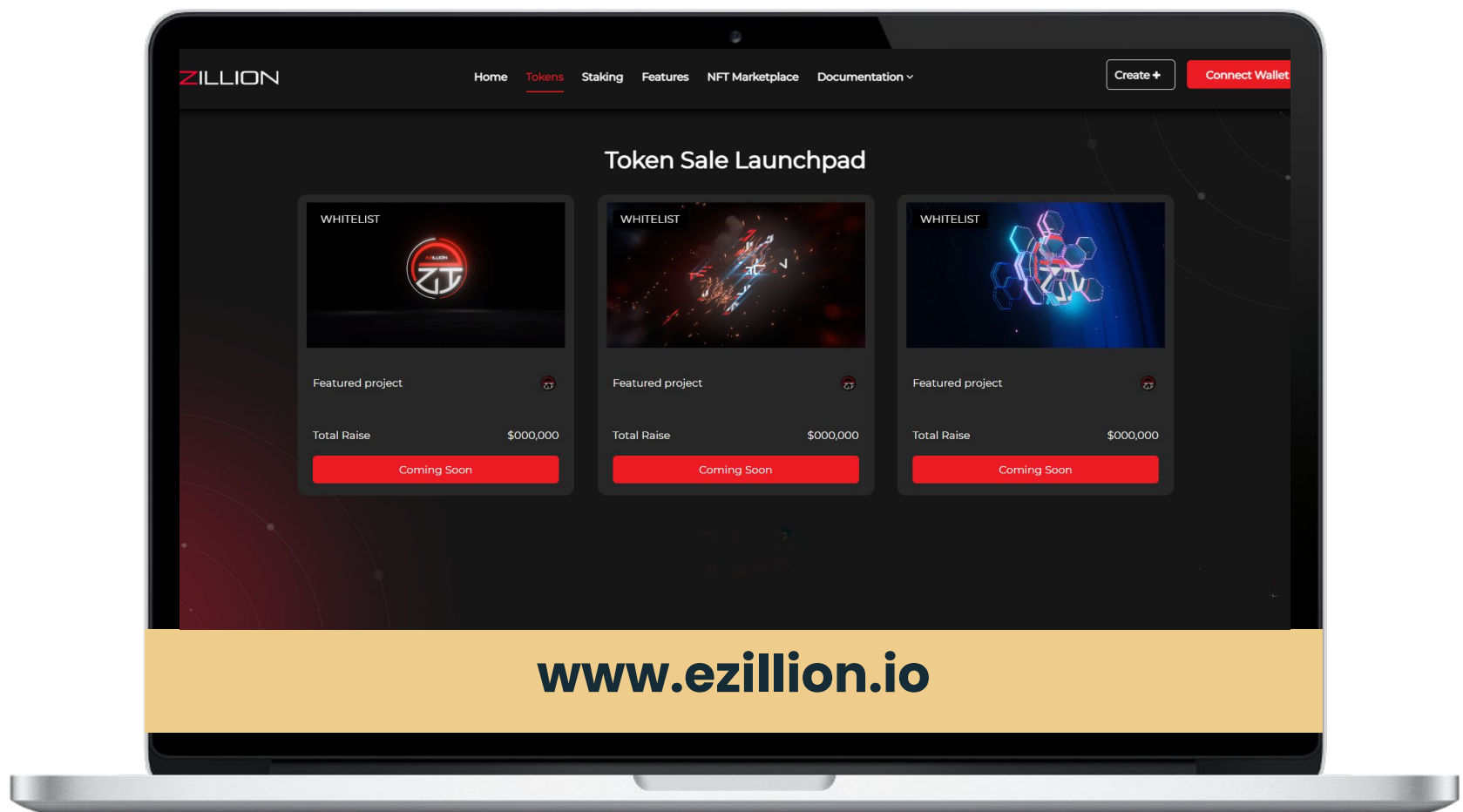
https://spywolf.network/assets/kyc/2022/april/KYC_EZILLION_0xCa0C1c12466A57b26850b05a0BA2Fb39F9763A0c.png



Website Analysis

URL: <https://www.ezillion.io/>

- **Design:** Pleasant design, single page, appropriate color scheme.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written, explanatory.
- **Roadmap:** Goals set at 5 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



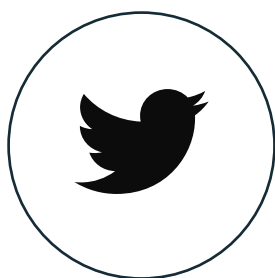
Social Media & Online Presence



Telegram

<https://t.me/ezillionofficial>

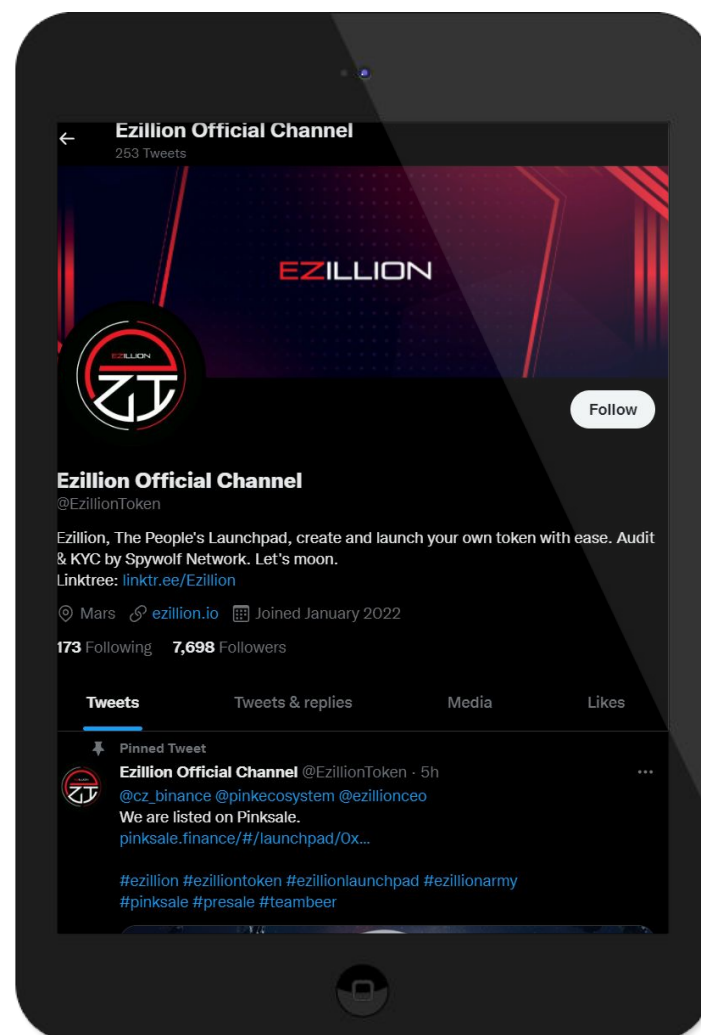
- 7 001 members
- Active members
- Active mods



Twitter

<https://twitter.com/EzillionToken>

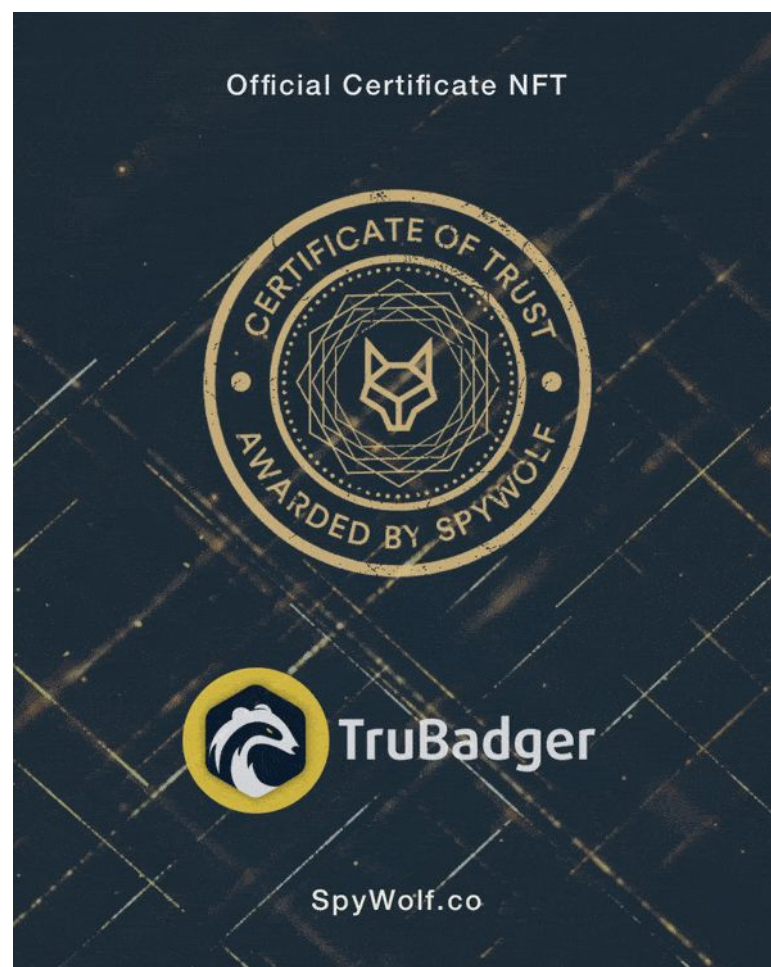
- 7 097 Followers
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

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.