Security Audit Report

PepeSaga ($PESA)

BEP20 on Binance Smart Chain

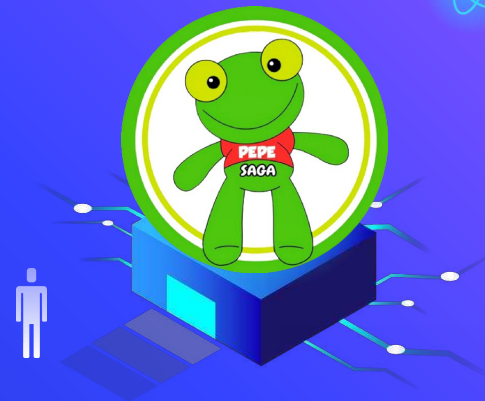**11st of May, 2023**

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Overview

Project Summary

Project Summary	
Project Name	PepeSAGA ($PESA)
Platform	Binance Smart Chain
Language	Solidity
Contract Type	BEP20
Contract Address	0x3A21E709aad8a06fe01d96109bEe2b781f1d
Block Explorer	https://bscscan.com/

Audit Summary

Audit Summary	
Delivery Date	**May:** 11st, 2023 GMT+0
Block Number	21872310
Static Analysis	Yes
Graphic Analysis	Yes
Logic Disassemble	Yes
Mannual Review	Yes

Vulnerability Summary

Severity Level	Total	Acknowledged	Alleviated	Resolved
Critical	0	0	0	0
Major	0	0	0	0
Medium	0	0	0	0
Minor	0	0	0	0
Informational	0	0	0	0
Discussion	1	1	0	0

Fully Sanity Checks

	Read	Write	AI Scanned	Human Reviewed	Result	Suggested	Resolved
name()	Yes		Completed	Completed	No Risk		
symbol()	Yes		Completed	Completed	No Risk		
balanceOf()	Yes		Completed	Completed	No Risk		
decimals()	Yes		Completed	Completed	No Risk		
totalSupply()	Yes		Completed	Completed	No Risk		
allowance()	Yes		Completed	Completed	No Risk		
approve()		Yes	Completed	Completed	No Risk		
burn()		Yes	Completed	Completed	No Risk		
decreaseAllowance()		Yes	Completed	Completed	✓ Low/No Risk		
increaseAllowance()		Yes	Completed	Completed	✓ Low/No Risk		
renounceOwnership()		Yes	Completed	Completed	✓ Low/No Risk		
transfer()		Yes	Completed	Completed	✓ Low/No Risk		
transferFrom()		Yes	Completed	Completed	✓ Low/No Risk		
transferOwnership()		Yes	Completed	Completed	✓ Low/No Risk		

Source Code Analysis

We've found 6 contracts in $PESA project source code and the partial screenshot of the contract code as left side shown.

- $PESA,
- Ownable,
- ERC20,
- Pausable,
- Context,
- IERC20,
respectively.

And $PESA is an interface in which will be implementing in later time.
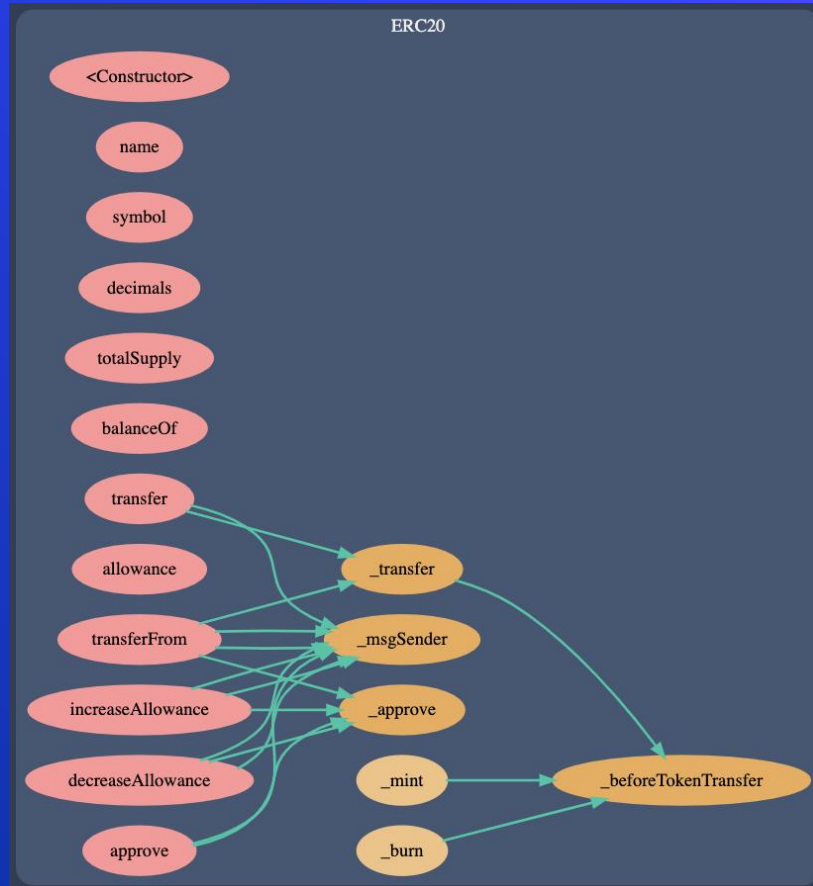
ERC20 Contract

- name()
- symbol()
- decimals()
- totalSupply()
- balanceOf()
- allowance()
Read functions are running as expected while analyzing at the time of this writing.

- transferFrom()
- transfer()
- increaseAllowance()
- decreaseAllowance()
- approve()
Write functions are in no risk at the time of this writing
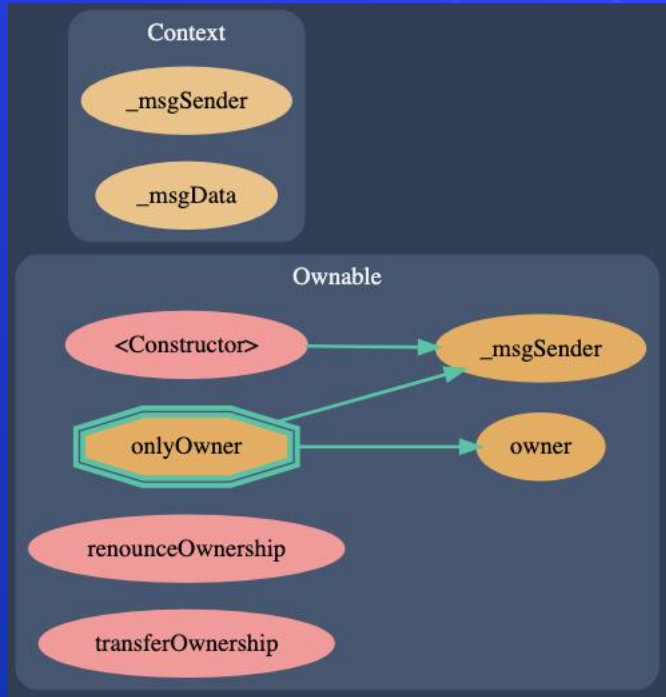
Context Contract
No public or external function can be called

Ownable Contract

- renounceOwnership()
- transferOwnership()

The owner of the contract can initiate ownership renounced or transferred.

" Contract Ownership

Contract Ownership Has Not Been Renounced at the Time of Audit.

The contract ownership is not currently renounced. It's because the project team will implement the game contract and set the implementation solidity contract in later time.

We just placed the contract of the owner address below for you to look up: 0x8488f2ce4423d5f4ac5742f1a9a9e64e8539f5ac

Some feasible suggestions that would also mitigate the potential risk at a different level for priviledged ownership.

- Time-lock with reasonable latency, e.g., 48 hours for awareness on priviledged operations
- Assignment of priviledged roles to multi-signature wallets to prevent a single point of failure, for example, due to the private key compromised

" Liquidity Ownership

No Lock/Unlock Liquidity Logic Code Has Been Found.

This page will contain if there is that code that links to locked liquidity for the project if we are able to locate that information.

Locked liquidity information was neither found on the project's website nor inside the contracts.

" Mint Function

We do understand that Mint functions are crucial to the functionality of the project, it's core related to its investors.

But a mint function was not found in the contract code.

" Burn Function

The Contract Has a Burn Function.

```
34    function burn(uint256 amount) public onlyOwner {
35        _burn(_msgSender(), amount);
36    }
37
```

The Burn function works well as expected according to buy back from the market periodically.

A burn function was found in the contract code.
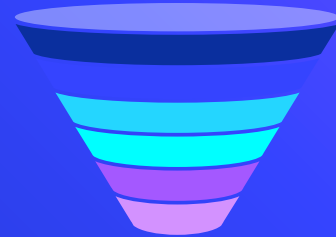
Present Mode
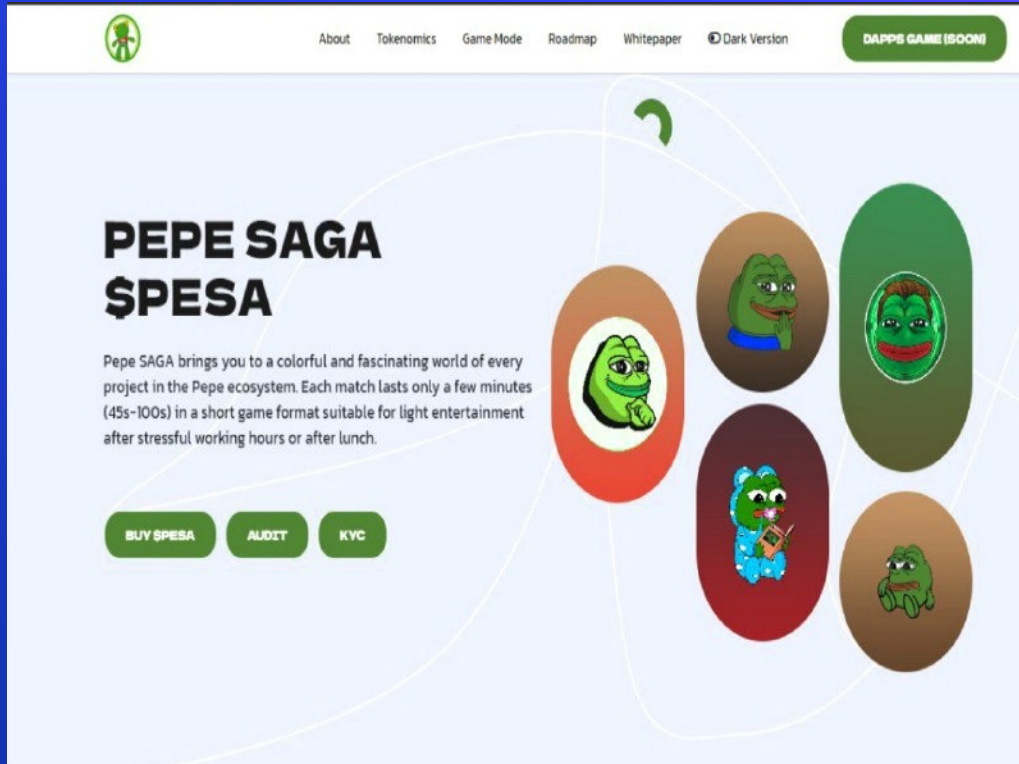
The left image is an actual snapshot of the current live website.

The website was registered on May-08-2023.

Team Location

Our office

General Web Security

DOMAIN

A valid domain hosted by Cloudflare.

Registered on 08-May-2023

https://pepesaga.com/

Social Media Accounts

A bundle of social media accounts was found.

Twitter: https://twitter.com/pesa_pepesaga

Telegram: https://t.me/PepeSAGA_Official_Group

SSL CERTIFICATE

A legal SSL certificate was found.
Issued at 08- May-2023

Signature Algorithm is
sha256WithRSAEncryption

No malware found.
No injected spam found.
No internal server errors.

Domain is marked clean by Google and McAfee.

SPAM/MALWARE

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ProteXAudit highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.

About

ProteX Audit has founded in 2021 by a squad of elite geeks on blockchain research and we analyze the loopholes in most smart contracts in Binance and ethereum-based chains. We offer the best-in-class report for your smart contracts auditing. Customers trust smart contract assessment report, investors trust the project.