

Audit Report AVAXP

January 2022

Type ERC20

Network AVAX

Address 0x194a41E6db9b9d568a1271df89B2fc1cDC61906c

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Contract Review

Contract Name	StandardToken
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	200 runs
Licence	MIT
Explorer	https://snowtrace.io/address/0x194a41e6db9b9d568a 1271df89b2fc1cdc61906c#code
Symbol	AXP
Decimals	18
Total Supply	100,000,000
Source	contract.sol
Domain	avaxp.io

Audit Updates

Initial Audit	31st January 2022
Corrected	

Contract Analysis

CriticalMediumMinorPass

Severity	Code	Description
•	ST	Contract Owner is not able to stop or pause transactions
•	OCTD	Contract Owner is not able to transfer tokens from specific address
•	OTUT	Owner Transfer User's Tokens
•	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
•	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
•	MT	Contract Owner is not able to mint new tokens
•	ВТ	Contract Owner is not able to burn tokens from specific wallet
•	ВС	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

CriticalMediumMinor

Severity	Code	Description
•	L01	Public Function could be Declared External
•	L09	Dead Code Elimination



L01 - Public Function could be Declared External

Criticality	minor
Location	contract.sol#L653,L626,L597 and 10 more

Description

Public functions that are never called by the contract should be declared external to save gas.

decreaseAllowance increaseAllowance transferFrom

...

Recommendation

Use the external attribute for functions never called from the contract



L09 - Dead Code Elimination

Criticality	minor
Location	contract.sol#L776,L731,L224 and 11 more

Description

Functions that are not used in the contract, and make the code's size bigger.

```
_setupDecimals
_burn
trySub
...
```

Recommendation

Remove unused functions.



Contract Functions

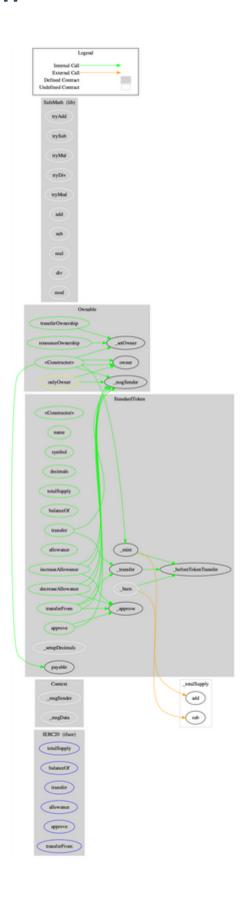
Contract	Туре	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
IENO20	totalSupply	External		_
	balanceOf	External		
	transfer			-
		External	√	-
	allowance	External		-
	approve	External	✓ .	-
	transferFrom	External	√	-
Context	Implementation			
Context		Internal		
	_msgSender			
	_msgData	Internal		
Ownable	Implementation	Context		
	<constructor></constructor>	Public	✓	-
	owner	Public		-
	renounceOwnership	Public	1	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_setOwner	Private	✓	
SafeMath	Library			
	tryAdd	Internal		
	trySub	Internal		
	tryMul	Internal		
	tryDiv	Internal		
	tryMod	Internal		
	add	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		



	mad	Intowerd		
	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		
BaseToken	Implementation			
StandardToke n	Implementation	IERC20, Ownable, BaseToken		
	<constructor></constructor>	Public	Payable	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	1	-
	increaseAllowance	Public	1	-
	decreaseAllowance	Public	1	-
	_transfer	Internal	1	
	_mint	Internal	1	
	_burn	Internal	1	
	_approve	Internal	✓	
	_setupDecimals	Internal	1	
	_beforeTokenTransfer	Internal	/	



Contract Flow





Domain Info

Domain Name	avaxp.io
Registry Domain ID	7fa18762ac1a4929a762bbd5a7e7601b-DONUTS
Creation Date	2022-01-11T15:31:34Z
Updated Date	2022-01-16T15:32:09Z
Registry Expiry Date	2023-01-11T15:31:34Z
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	https://www.namecheap.com/
Registrar	NameCheap, Inc.
Registrar IANA ID	1068

The domain has been created 20 days before the creation of the audit. It will expire in 11 months.

There is no public billing information, the creator is protected by the privacy settings.



Summary

AVAXP claims to be an Avalanche-based play-to-earn platform that gives gamers the opportunity to win, and earns cryptocurrency for playing the games they love to play. The Project has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. In fact there are not any functions that can be abused by the owner to interrupt the user's transactions.



Disclaimer

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment.

Coinscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

The Coinscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Coinscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token.

The Coinscope team disclaims any liability for the resulting losses.



About Coinscope

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Coinscope is aiming to make crypto discoverable and efficient globally. It provides all the essential tools to assist users draw their own conclusions.



The Coinscope.co team

https://www.coinscope.co