Cyberscope

Audit Report
Patriots

June 2024

Analysis

● Critical   ● Medium   ● Minor / Informative   ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

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Review

Contract Name	PatriotsCoin
Testing Deploy	https://testnet.bscscan.com/address/0x9863a9c98ca86dc1bf7c5b9e6f0a2a17b40723d4
Symbol	PTC
Decimals	18
Total Supply	17,760,000
Badge Eligibility	Yes

Audit Updates

Initial Audit	23 May 2024
Corrected Phase 2	3 Jun 2024

Source Files

| Filename	SHA256
contracts/PatriotsCoin.sol	5588725f9cfc018cf5e3362ab74ea3f462271467cf9251ec6f18547545428f77

Findings Breakdown

Severity	Unresolved	Acknowledged	Resolved	Other
🔴 Critical	0	0	0	0
🟠 Medium	0	0	0	0
⚪ Minor / Informative	0	0	0	0

Functions Analysis

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IRouter	Interface			
	factory	External		-
	swapExactTokensForETH	External	✓	-
	swapExactETHForTokensSupportingFeeOnTransferTokens	External	Payable	-
IFactory	Interface			
	createPair	External	✓	-
PatriotsCoin	Implementation	ERC20Burnable, Ownable		
		Public	✓	ERC20 Ownable
	_update	Internal	✓	
	handleTax	Private	✓	lockTheSwap
	swapTokensForETH	Private	✓	
	burnPREME	Private	✓	
	setPair	Public	✓	onlyOwner
	setSwapAtPercentage	Public	✓	onlyOwner
	setThreshold	Public	✓	onlyOwner
	setTax	Public	✓	onlyOwner

	teamTax	Public		-
	setExcludedFromTaxStatus	Public	✓	onlyOwner
	setMarketingWallet	Public	✓	onlyOwner
	setTeamWallet	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	manualSwap	External	✓	onlyOwner
		External	Payable	-

Inheritance Graph
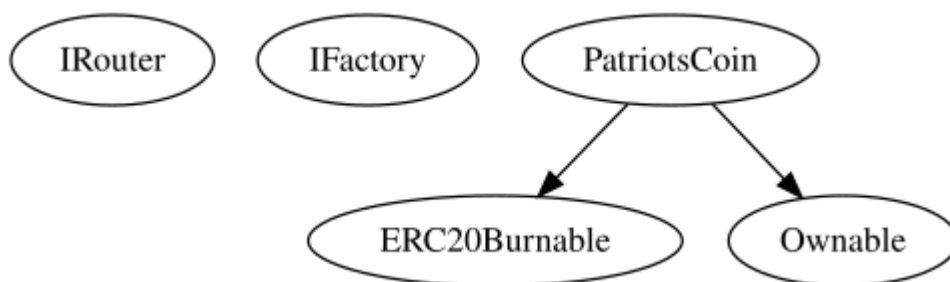
Flow Graph
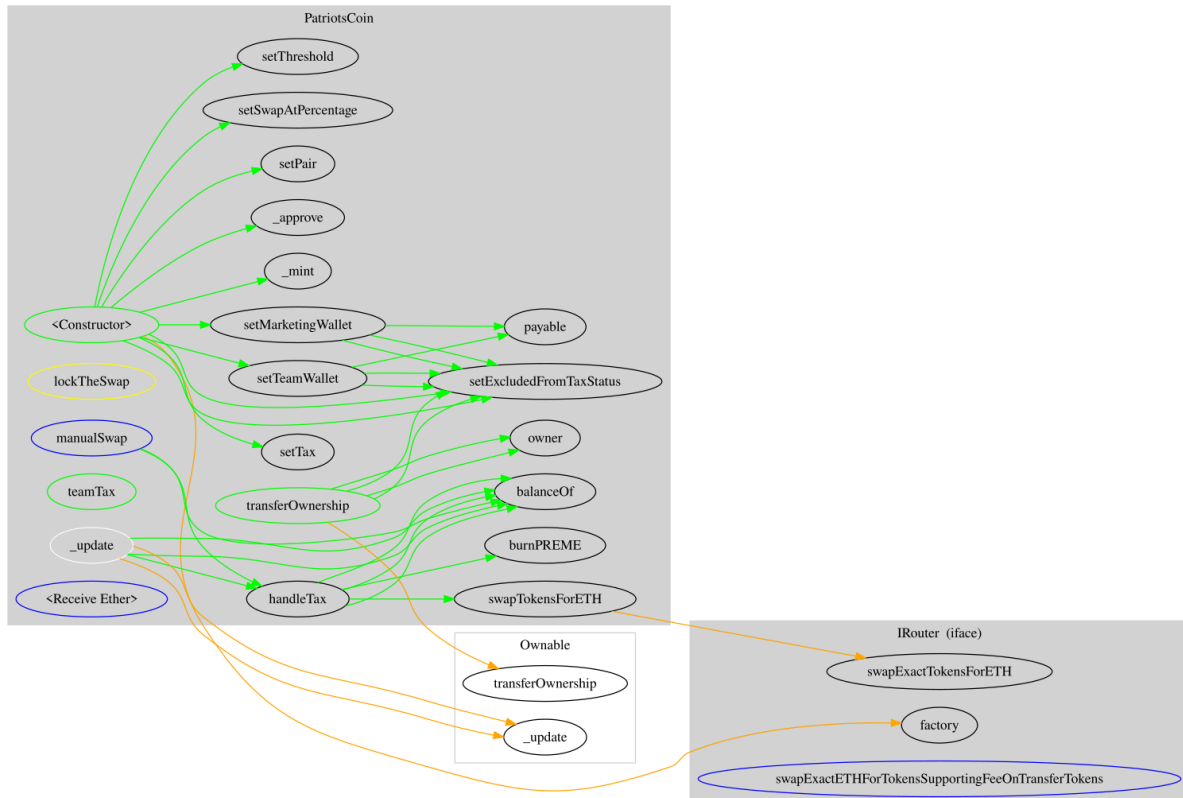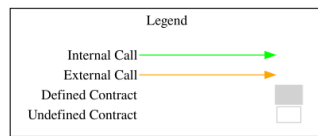
Summary

Patrios contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Patrios is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions. There is also a maximum 2% fee limit for buy and sell transactions. The contract implements a buy-and-burn functionality of the PREME token, which is set to automatically end with the next distribution after November 4th 2024, 11:59:59 PM EST.

Disclaimer

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Blockchain technology and cryptographic assets present a high level of ongoing risk Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.

The Cyberscope team

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