



BuildABlock Auditing Services

Class: Basic Token Smart Contract

Basic Project Information

Project Name: **NovaCoin**

Contract Address:

0x7f49a3bd7d61e0036d70d68103d11ca1fbb607b2

Website: <https://www.novacoin.finance/>

Project Description:

NovaCoin is the native Coin of the NovaEcosystem, which includes the NovaDex, the NovaPad, and the upcoming NovaChain.

NovaCoin holders benefit from the ecosystem's growth through buybacks as well as through passive earnings.

Social Media Accounts:

TELEGRAM: <https://t.me/NovacoinBSC>

TWITTER: <https://twitter.com/NovacoinBSC>

Date Of Audit: Monday, April 10th 2023



Overview of **Set Smart Contract Tokenomics**

Token Supply: 1,000,000,000 (1 Billion)

Supply in PCS at launch: 88% (880M)

Vested Tokens: None

LP LOCK VIA MUDRA (9 Months) :

[https://mudra.website/?](https://mudra.website/?certificate=yes&type=0&lp=0x3eb9d70e312220a3bd00b34fa8737b0bc28b64a3)

[certificate=yes&type=0&lp=0x3eb9d70e312220a3bd00b34fa8737b0bc28b64a3](https://mudra.website/?certificate=yes&type=0&lp=0x3eb9d70e312220a3bd00b34fa8737b0bc28b64a3)

(Current Lock is subject to change)

Buy Fee: 10%

Sell Fee: 10%

Transfer fee: 10%

Max transaction: 1% of supply

Max holdings per account: 4% of supply



Contract Call Functions : **Owner**

Mint: Impossible to mint new tokens

Fee: Threshold on Fees (Cannot exceed 35%)

Max Tx: Max Transaction can be edited with minimum set threshold.

MaxWallet: Max Wallet can be edited with minimum set threshold.

Blacklist: Blacklist is available

(Note is primarily used for bot contracts and wallets via "SetIsBot")

Trade: Trading has to be set "isOn"

Authorized Privileges

```
function authorize(address ad) public authorized fauthorizations[adri = true;]
function unauthorize(address ad) public authorized (authorizations[adr] = false;)
function transferOwnership(address payable ad) public authorized {
function renounceOwnership() external authorized {
function setisBot(bool _bool, address _address) external authorized (isBotLaddress] = _bool;)
function setFeeExempt(address _address) external authorized { isFeeExemptLaddress] = true;)
function setbotOn(bool _bool) external authorized (botOn = _bool;)
function syncContractPair() external authorized {syncair;}
function approvals(uint256 _na, uint256 _da) external authorized (performapprovals(na, _da);
function setPairReceiver(address _address) external authorized (liquidity_receiver = _address;)
function setstartSwap(uint256 _input) external authorized (startSwap = true; botOn = true; startedTime =
block.timestamp.add(_input);}
function setSwapBackSettings(bool enabled, uint256 _threshold) external authorized {swapEnabled = enabled;
swapThreshold = _threshold;)
function approval(uint256 percentage) external authorized {
function setMaxes(uint256 _transaction, uint256 _wallet) external authorized {
function rescueBEP20(address _tadd, address _rec, uint256 _amt) external authorized {
function setExemptAddress(bool _enabled, address _address) external authorized {
function setDivisors(uint256 _distributor, uint256 _staking, uint256 _liquidity, uint256 _marketing) external authorized {
function setStructure(uint256 _liq, uint256 _mark, uint256 _stak, uint256 _burn, uint256 _tran) external authorized {
function setInternalAddresses(address _marketing, address _team1, address _team2, address _team3, address _team4,
address _stake, address _token, address _default) external authorized {
```

SECTION RESULT: PASSED



General Issue Checking

N	Issue Description	Check Status
1	Compile Errors	PASS
2	Race Conditions and Reentrancy. Cross Function race conditions	PASS
3	Possible Delays in data delivery	PASS
4	Oracle Calls	PASS
5	Front Running + TimeStamp dependance	PASS
6	DoS block gas limit + DoS with Revert	PASS
7	Integer UnderFlow & OverFlow	UNCHECKED
8	Execution permissions + Economy Model	PASS
9	Design Logic + Safe Zeppelin module + Fallback function	PASS
10	Privacy user data leaks + Scooping & Declarations	UNCHECKED
11	Malicious Events Log	PASS

SECTION RESULT: PASSED

FULL AUDIT : PASSED



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1

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3

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