



September 14, 2023


# Express Audit Report for **Bitcoin [BTC]**


DISCLAIMER: This is an automatically generated audit performed with De.Fi Scanner tool. De.Fi smart contract auditing tool is intended to assist in identifying potential vulnerabilities or malicious functions in smart contracts. While this is done to our best effort and knowledge, please notice that no tool can guarantee complete accuracy or comprehensiveness in detecting all possible vulnerabilities.



## Project Summary

Project Name	BEP20Token(Bitchain)
Address	<a href="#">0xd12b4384ef38fd7431421aa218ed62b49c739fb6</a>
Network	56

Issue ID	184
Severity	 High
Status	Optimization
Description Code	<pre><b>function</b> <b>increaseAllowance</b>(<b>address</b> spender, <b>uint256</b> addedValue) <b>public returns (bool)</b> {   _approve(_msgSender(), spender,   _allowances[_msgSender()])   [spender].add(addedValue));   <b>return</b> <b>true</b>; }</pre>
Location	<p>increaseAllowance(address,uint256) should be declared external:</p> <ul style="list-style-type: none"><li>- BEP20Token.increaseAllowance(address,uint256) (BEP20Token.sol#467-470)</li></ul>

Issue ID	184
Severity	 High
Status	Optimization
Description Code	<pre><b>function decreaseAllowance</b>(<b>address</b> spender, <b>uint256</b> subtractedValue) <b>public returns (bool)</b> {   _approve(_msgSender(), spender,   _allowances[_msgSender()])   [spender].sub(subtractedValue, "BEP20: decreased   allowance below zero");   <b>return true</b>; }</pre>
Location	<p>decreaseAllowance(address,uint256) should be declared external:</p> <ul style="list-style-type: none"><li>- BEP20Token.decreaseAllowance(address,uint256) (BEP20Token.sol#486-489)</li></ul>

Issue ID	182
Severity	🔴 Medium
Status	Informational
Description Code	<pre><b>constructor()</b> <b>public</b> {   _name = "Bitchain";   _symbol = "BTC";   _decimals = 9;   _totalSupply = 40000000 * 10 ** 9;   _balances[msg.sender] = _totalSupply;   <b>emit</b> Transfer(<b>address</b>(0), msg.sender, _totalSupply); }</pre>
Location	<p>BEP20Token.constructor() (BEP20Token.sol#353-361) uses literals with too many digits: - _totalSupply = 40000000 * 10 ** 9 (BEP20Token.sol#357)</p>