



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Barbet

\$BBE

29/10/2024



TOKEN OVERVIEW

Fees

- Buy fees: 0%
- Sell fees: 0%

Fees privileges

- Can't change / set fees

Ownership

- Owned

Minting

- Owner can mint tokens after the initial deployment

Max Tx Amount / Max Wallet Amount

- Can't change max tx amount or max wallet amount

Blacklist

- Blacklist function detected

Other privileges

- Contract owner has to call enableTrading function to enable trade
-

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TECHNICAL DISCLAIMER



DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website <https://freshcoins.io>

FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy (RUG or Honeypot etc)



INTRODUCTION

FreshCoins (Consultant) was contracted by **Barbet** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x608d41EC0b8Ae754AE5Fa5984e7f10b35675f0F9

Network: **Binance Smart Chain (BSC)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **29/10/2024**



WEBSITE DIAGNOSTIC

<https://barbetcoin.io/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

<https://x.com/BarbetCoin>



Telegram

<https://t.me/barbetcoi>

AUDIT OVERVIEW



Security Score
HIGH RISK



Static Scan
Automatic scanning for
common vulnerabilities



ERC Scan
Automatic checks for
ERC's conformance



High



Medium



Low



Optimizations



Informational



No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Low
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Low
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

OWNER PRIVILEGES

● Contract owner can mint tokens after deployment

```
function mint(address to, uint256 amount) public onlyOwner {  
    if (totalSupply() + amount > maxSupply) revert MintCannotExceedMaxSupply();  
    _mint(to, amount);  
}
```

● Contract owner can exclude addresses from transactions (blacklist)

```
function blacklist(address account, bool isBlacklisted) external onlyOwner {  
    blacklisted[account] = isBlacklisted;  
    emit BlacklistUpdated(account, isBlacklisted);  
}
```

● Contract owner has to call enableTrading function to enable trade

```
function enableTrading() external onlyOwner {  
    if (tradingEnabled) revert TradingAlreadyEnabled();  
    tradingEnabled = true;  
    emit TradingEnabled();  
}
```

● Contract owner can exclude addresses from limitations

```
function _excludeFromLimits(address account, bool isExcluded) internal {  
    isExcludedFromLimits[account] = isExcluded;  
    emit ExcludeFromLimits(account, isExcluded);  
}  
  
function excludeFromTradingRestriction(address account, bool isExcluded) public onlyOwner {  
    isExcludedFromTradingRestriction[account] = isExcluded;  
    emit ExcludeFromTradingRestriction(account, isExcluded);  
}
```

● Contract owner has ability to retrieve any token held by the contract

```
function recoverToken(uint256 amount) external onlyOwner {  
    _update(address(this), msg.sender, amount);  
}  
  
function recoverForeignERC20(address tokenAddress, uint256 amount) external onlyOwner {  
    if (tokenAddress == address(this)) revert InvalidToken(tokenAddress);  
    IERC20(tokenAddress).safeTransfer(msg.sender, amount);  
}
```

● Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public virtual override onlyOwner {
    _pendingOwner = newOwner;
    emit OwnershipTransferStarted(owner(), newOwner);
}

function _transferOwnership(address newOwner) internal virtual override {
    delete _pendingOwner;
    super._transferOwnership(newOwner);
}
```

● Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
    _transferOwnership(address(0));
}
```

Recommendation:

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.



CONCLUSION AND ANALYSIS



Smart Contracts within the scope were manually reviewed and analyzed with static tools.



Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.



Found 3 HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees:	0%
Sell fees:	0%
Max TX:	N/A
Max Wallet:	N/A

Honeypot Risk

Ownership:	Owned
Blacklist:	Detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Rug Pull Risk

Liquidity:	N/A
Holders:	Clean



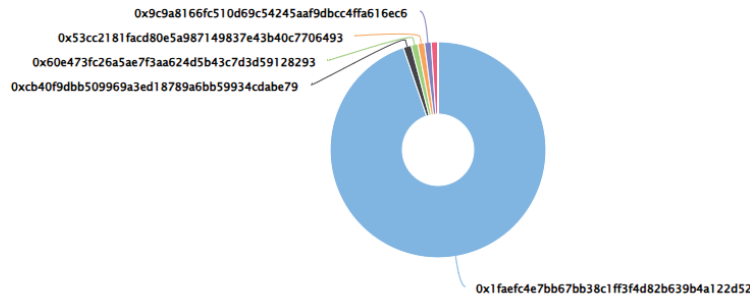
BBE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (9,999,567,300.00 Tokens) of Barbet

Token Total Supply: 10,000,000,000.00 Token | Total Token Holders: 26

Barbet Top 10 Token Holders

Source: BscScan.com



(A total of 9,999,567,300.00 tokens held by the top 10 accounts from the total supply of 10,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x1faEfc4E...B4A122d52	9,479,000,000	94.7900%
2	0xCb40f9dB...34cdAbE79	120,000,000	1.2000%
3	0x60E473fC...d59128293	100,000,000	1.0000%
4	0x53cC2181...0c7706493	100,000,000	1.0000%
5	0x9C9a8166...Ffa616EC6	100,000,000	1.0000%
6	0xbceCE8db...Ae365901a	99,302,300	0.9930%
7	0xf945E594...54e22456E	1,000,000	0.0100%
8	0xe82124a2...4Ef73895C	100,000	0.0010%
9	0x3B9fc76c...Ec92D2bbd	84,000	0.0008%
10	0xBc4AdF7A...d774932C0	81,000	0.0008%

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.

