RugFreeCoins Audit

Meta Ruffy Token

Smart Contract Security Audit

January 16, 2022

Contents

Audit details

Audited project

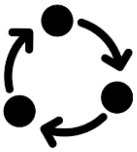
Meta Ruffy Token

Contract Address

0x3e6227fd0e67fe830fb274d0b11845742ef336e0

Client contact

Meta Ruffy Team



Blockchain

Binance smart chain

Project website

https://metaruffy.io/

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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Background

Rugfreecoins was commissioned by Meta Ruffy Token to perform an audit of the smart contract.

https://bscscan.com/address/0x3e6227fd0e67fe830fb274d0b11845742ef336e0

The focus of this audit is to verify that the smart contract is secure, resilient and working according to the specifications.

The information in this report should be used to understand the risk exposure of the smart contract, project feasibility, long term sustainability and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

About the project

Meta Ruffy is a token built on the Binance Smart Chain that is with an innovative investment use case the main purpose of which is to seek out constant revenue sources, and heading towards building even greater Community, with combining latest technology which merges together, web3.0, blockchain, VR and AR into their business to dominate the entertainment area in the Metaverse. Each transaction, purchase incurs a 10% fee, and sale incurs a 14% fee. .

Features

- The **Meta Ruffy rewards BUSD** will be distributed among every holder proportional to how many tokens each individual holds in values of **5% when buying and 6% when selling**.

- The **sustainability fee of 3% development when buying and selling and 3% for marketing when selling** is what allows Meta Ruffy to hold the aforementioned promise. Tokens will be swapped into BNB and will be sent to a marketing wallet per transaction. This way, Meta Ruffy will have enough funds to promote the coin and spend for future development without selling tokens as the traditional way.

- Meta Ruffy has the burn strategy that benefits and rewards those who invest long-term. A **2% fee will be charged when buying and selling** and sent to the burn wallet. This feature slowly reduces supply making each Meta Ruffy more and more valuable.

Tokenomics

10% fee when buying

- 5% of trade goes to holders' pockets in BUSD
- 3% of trade goes to the development wallet in BNB.
- 2% of trade goes to the burn wallet.

14% fee when selling

- 6% of trade goes to holders’ pockets in BUSD.
- 3% of trade goes to the development wallet in BNB.
- 3% of trade goes to the marketing wallet in BNB.
- 2% of trade goes to the burn wallet.

Roadmap

Phase 1 before privatesale

Base

- Concept design
- Create an international Name
- Website finalize Design
- Website integration final Design
- Whitepaper V2
- Roadmap V2
- Social Media Channels
- Open International groups on Telegram
- Building public Community
- Building VIP community (private group)

Token

- Deploy META RUFFY (MR) on BSC)
- Token Audit „RugFreeCoins“
- KYC (Pinksale)
- Explainer video TOKENOMICS

Ruffy world

- Start development of RUFFY WORLD v1.0
- Launch play test of RUFFY WORLD v1.0
- Last game testing (android)
- Last game testing (iOs)
- Last game testing (windows)
- Last game testing (webGL, browser)
- Last game testing (Oculus)
- Environment last polishing
- Integrate final Environment to Game server
- Explainer video RUFFY WORLD

dAPP

- ❖ Start development of RUFFY DAPP v1.0
- ❖ Implementing functionality over 20 contracts
  - Privatsale
- ❖ Staking (standard)
- ❖ Staking (mystery)
- ❖ NFT Marketplace
  - Mint your NFT
- ❖ Buy random NFT
- ❖ Design „NFT Collection 1“= 10.000pcs
- ❖ Minting „NFT Collection 1“= 10.000pcs
- ❖ NFT Wallet
- ❖ Redesign dApp
- ❖ Ruffy World soft Launch
- ❖ Designing „special NFT Collection“10pcs
- ❖ Wheel Giveaway in VIP group
- ❖ Launching Privatsale (150 BNB)

Phase 2

- ❖ Launching „buy random NFT)
- ❖ Wheel Giveaway in the official group
- ❖ Certik Audit
- ❖ Creating Presale Link
- ❖ PooCoin Advertising
- ❖ AMA on investor groups
- ❖ Pin Postings on investor groups
- ❖ START PRESALE (850 BNB)
- ❖ Final Launch on Pancakeswap **-** Launching Staking
- ❖ Dextools Advertising

Phase 3 - after launch

- ❖ Launching NFT Marketplace
- ❖ CoinMarketCap listing
- ❖ CoinGecko listing
- ❖ HOTBIT listing
- ❖ XT listing
- ❖ ZT listing
- ❖ LBANK listing
- ❖ Bitmart listing
- ❖ Gate.io listing

Ruffy world

- ❖ Launch Ruffy Privat Room
- ❖ Launch Ruffy Cinema
- ❖ Launch Ruffy ART Gallery
- ❖ Launch Ruffy Merchandise
- ❖ Launch Ruffy Club
- ❖ Launch Ruffy Sport's BAR
- ❖ Launch Ruffy Fitness Island
- ❖ Launch Ruffy YOGA Island
- ❖ Launch Ruffy Mall
- ❖ Launch Ruffy Landsale
- ❖ Launch Ruffy Stadium

The team


TEAM
CIHAN
CEO, FOUNDER
FOX
COO, OPERATING
FINN
CMO, CO FOUNDER
ANNA MARIA
CCO, CREATIVE
SAFI
CTO, IT
VOLODYMYR
BLOCKCHAIN DEVELOPER
SR
GRAPHIC DESIGNER

Target market and the concept

Target market

- Anyone who's interested in the Crypto space with long-term investment plans.
- Anyone who's ready to earn a passive income by holding tokens.
- Anyone who's interested in trading tokens.
- Anyone who's interested in collecting NFTs or trading NFTs.
- Anyone who's interested in taking part with the Rufy world concept, where users can use Entertainment Stadium, Spa & Resorts, Pub's & Party, Social-Gaming, Dating, and NFT Marketplace.
- Anyone who's interested in taking part in the p2e games.
- Anyone who's interested in staking and getting rewards.
- Anyone who's interested in taking part with the future plans of the Meta Ruffy token.
- Anyone who's interested in making financial transactions with any other party using BUSD and Meta Ruffy as the currency.

Core concept

Meta Ruffy is an open world in the Metaverse based on the latest technology which merges together, web3.0, blockchain, VR, and AR that they have made it their business to dominate the entertainment area in the Metaverse that means they are building an open world „RUFFY World“with different subject areas.

Spa resorts relaxing zones

We build luxurious hotel complexes directly on the beach with a sunbathing area to hang out and enjoy cool drinks. Of course, no SPA and YOGA area should be missing in the hotel resort. End the evening with relaxing music and a drink or calm yourself by participating in one of our yoga classes.

Yoga or fitness alone is not fun!
We will hire real yoga and fitness trainers who will do the daily exercises with you in different groups and languages.

real trainers !! no bots no videos**.**

Entertainment stadium

we build virtual stadiums to host concerts, comedy and theater performances. Tickets are sold through our own booking agency. The grand finale with which we will reach the mainstream is to book a world star celebrity like Eminem, Justin Timberlake, drake, Billie Ellish or Ariana Grande for a concert in our stadium.

But also artists who can no longer play concerts like 2Pac, Biggie, Michael Jackson or Elvis Presley could be brought back to life thanks to artificial intelligence, we can read out past videos with artificial intelligence and create whole new concerts with a hologram that could not be distinguished from the original.

Of course, we can also host comedy shows or record our own TV show in our stadium. Tickets for each event will be NFT's. That means you can buy tickets for you, your friends or family and send it to them.

We could plan concerts or events with over 1 million people at the same time without worrying about security and logistics permits.

Pub's, bars and clubbing-areas

We build small pubs so that friends can meet and watch sports together (NFL, NBA, Champions League…) We build gigantic clubs where live DJs will perform with different genres like Hip-hop, pop, rock, rap and house music.

In our pubs in bars we are planning cooperation with sports streaming platforms such as DAZN, sky +, NFL, NBA we will build different bars for different sports.

If you want to watch American football you go to the bar where you can find like-minded people. If you prefer to watch European football, you can go to the pub and watch your favorite team win together with football fans from all over the world.

Social gaming

We are going to build a gigantic game center with all kinds of machines like pinball, car racing, motorcycle racing, basketball, billiards and all kinds of arcade games that are known from the real world with a touch of the metaverse.

This is also a great opportunity for cooperation with all kinds of Play to Earn games or other game tokens.

Dating

We are building a cute little island called „RUFFY'S love Island “, where singles can meet, exchange ideas and get to know each other. And if you need some privacy with your loved one you can rent one of our many water bungalows.

NFT marketplace

We call it RUFFY MALL Because it will be a real shopping experience. Imagine meeting up with your friends and walking through our virtual mall seeing hundreds of different local shops from all kinds of categories.

- NFT artworks
- Wearable NFT sunglasses, shoes, t-shirts, and much more
- Services: audit, design, or all kinds of freelance activities can be offered

You can even create your own Shop! How do you do that? Very easily! If you think you are a great t-shirt designer you can create and offer these in your local store, use our NFT Builder for free, and sell your own designed NFT's.

Users can put on your T-shirt and try it on, if they want to take it with them, they have the option of buying the NFT directly from you.

The Meta Ruffy reward system

5% of each transaction when buying and 6% when selling gets sent amongst all holders in BUSD rewards. The holders will be eligible to receive BUSD, every one hour, and rewards are proportional to how many tokens each individual holds.

Sustainable mechanism

The **sustainability fee of 3% when buying and selling for dev and 3% when selling for marketing** is what allows Meta Ruffy to promote the token and use funds to further the development of the platform. Tokens will be swapped into BNB and will be sent to a marketing wallet per and dev wallet. This way, Meta Ruffy will have access to the funds without selling tokens as the traditional way, which will enable them to consume funds without hurting the project.

Meta Ruffy has the burn strategy that benefits and rewards those who invest long-term. This feature slowly reduces supply making Meta Ruffy's price more and more valuable.

Potential to grow with score points

1.	Project efficiency	10/10
2.	Project uniqueness	10/10
3	Information quality	9/10
4	Service quality	9/10
5	System quality	9/10
6	Impact on the community	10/10
7	Impact on the business	10/10
8	Preparing for the future	10/10
Total Points		**9.625/10**

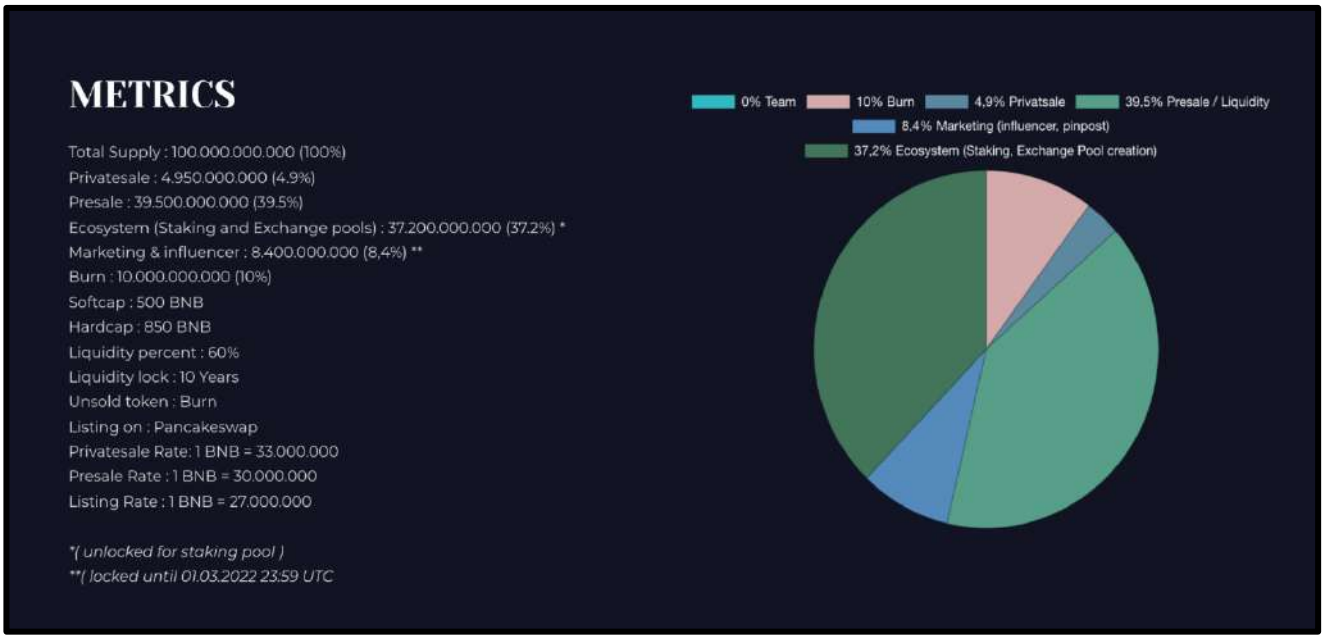
Contract details

Token contract details for 16th January 2022

Contract name	Meta Ruffy
Contract address	0x3e6227fd0e67fe830fb274d0b11845742ef336e0
Token supply	100,000,000,000
Token ticker	MR
Decimals	18
Token holders	1
Transaction count	1
Reward	0xe9e7cea3dedca5984780bafc599bd69add087d56
Dev wallet	0x26f3f79e5777c72de8432e438adcfb1c799064c9
Dividend tracker	0x17afdfeca49aedf3c8236944a21fcb0f3a3ea1cc
Marketing wallet	0x0a5e73df3836677eb7e22cb782e1cbfdc56da22a
Contract deployer address	0x49273B37ad4BbB7b85C292A540F39E4CAc9e6277
Contract's current owner address	0x49273b37ad4bbb7b85c292a540f39e4cac9e6277

Token distribution

Tokens are distributed as follows:



Contract code function details

No	Category	Item	Result
1	Coding conventions	BRC20 Token standards	pass
		compile errors	pass
		Compiler version security	pass
		visibility specifiers	pass
		Gas consumption	pass
		SafeMath features	pass
		Fallback usage	pass
		tx.origin usage	pass
		deprecated items	pass
		Redundant code	pass
		Overriding variables	pass
2	Function call audit	Authorization of function call	pass
		Low level function (call/delegate call) security	pass
		Returned value security	pass
		Selfdestruct function security	pass
3	Business security	Access control of owners	pass
		Business logics	pass
		Business implementations	pass
4	Integer overflow/underflow		pass
5	Reentrancy		pass
6	Exceptional reachable state		pass
7	Transaction ordering dependence		pass
8	Block properties dependence		pass
9	Pseudo random number generator (PRNG)		pass
10	DoS (Denial of Service)		pass
11	Token vesting implementation		pass
12	Fake deposit		pass
13	Event security		pass

Contract description table

Below table represents the summary of the contracts and methods in the token contract. We scanned the whole contract and listed down all the Interfaces, functions and implementations with its visibility and mutability.

Contract	**Type**	**Bases**		
└	Function Name	Visibility	Mutability	Modifiers
IERC20	**Interface**			
└	totalSupply	External ❗		NO❗
└	balanceOf	External ❗		NO❗
└	transfer	External ❗	🛑	NO❗
└	allowance	External ❗		NO❗
└	approve	External ❗	🛑	NO❗
└	transferFrom	External ❗	🛑	NO❗
SafeMath	**Library**			
└	tryAdd	Internal 🔒		
└	trySub	Internal 🔒		
└	tryMul	Internal 🔒		
└	tryDiv	Internal 🔒		

└	tryMod	Internal 🔒		
└	add	Internal 🔒		
└	sub	Internal 🔒		
└	mul	Internal 🔒		
└	div	Internal 🔒		
└	mod	Internal 🔒		
└	sub	Internal 🔒		
└	div	Internal 🔒		
└	mod	Internal 🔒		
Context	**Implementation**			
└	_msgSender	Internal 🔒		
└	_msgData	Internal 🔒		
Ownable	**Implementation**	**Context**		
└		Public ❗	🛑	NO❗
└	owner	Public ❗		NO❗
└	renounceOwnership	Public ❗	🛑	onlyOwner
└	transferOwnership	Public ❗	🛑	onlyOwner

└	_transferOwnership	Internal 🔒	🛑	
IUniswapV2Factory	**Interface**			
└	feeTo	External ❗		NO❗
└	feeToSetter	External ❗		NO❗
└	getPair	External ❗		NO❗
└	allPairs	External ❗		NO❗
└	allPairsLength	External ❗		NO❗
└	createPair	External ❗	🛑	NO❗
└	setFeeTo	External ❗	🛑	NO❗
└	setFeeToSetter	External ❗	🛑	NO❗
IUniswapV2Router01	**Interface**			
└	factory	External ❗		NO❗
└	WETH	External ❗		NO❗
└	addLiquidity	External ❗	🛑	NO❗
└	addLiquidityETH	External ❗	💷	NO❗
└	removeLiquidity	External ❗	🛑	NO❗
└	removeLiquidityETH	External ❗	🛑	NO❗

└	removeLiquidityWithPermit	External ❗	🔘	NO❗
└	removeLiquidityETHWithPermit	External ❗	🔘	NO❗
└	swapExactTokensForTokens	External ❗	🔘	NO❗
└	swapTokensForExactTokens	External ❗	🔘	NO❗
└	swapExactETHForTokens	External ❗	💷	NO❗
└	swapTokensForExactETH	External ❗	🔘	NO❗
└	swapExactTokensForETH	External ❗	🔘	NO❗
└	swapETHForExactTokens	External ❗	💷	NO❗
└	quote	External ❗		NO❗
└	getAmountOut	External ❗		NO❗
└	getAmountIn	External ❗		NO❗
└	getAmountsOut	External ❗		NO❗
└	getAmountsIn	External ❗		NO❗
IUniswapV2Router02	**Interface**	**IUniswapV2Router01**		
└	removeLiquidityETHSupportingFeeOnTransferTokens	External ❗	🔘	NO❗
└	removeLiquidityETHWithPermitSupportingFeeOnTransferTokens	External ❗	🔘	NO❗
└	swapExactTokensForTokensSupport	External ❗	🔘	NO❗

	ingFeeOnTransferTokens			
└	swapExactETHForTokensSupportingFeeOnTransferTokens	External ❗	💰	NO❗
└	swapExactTokensForETHSupportingFeeOnTransferTokens	External ❗	🔘	NO❗
IPinkAntiBot	**Interface**			
└	setTokenOwner	External ❗	🔘	NO❗
└	onPreTransferCheck	External ❗	🔘	NO❗
IDividendDistributor	**Interface**			
└	setDistributionCriteria	External ❗	🔘	NO❗
└	setShare	External ❗	🔘	NO❗
└	deposit	External ❗	🔘	NO❗
└	process	External ❗	🔘	NO❗
└	purge	External ❗	🔘	NO❗
DividendDistributor	**Implementation**	**IDividendDistributor**		
└		Public ❗	🔘	NO❗
└		External ❗	💰	NO❗

└	setDistributionCriteria	External ❗	🔘	onlyToken
└	purge	External ❗	🔘	onlyToken
└	setShare	External ❗	🔘	onlyToken
└	deposit	External ❗	🔘	onlyToken
└	process	External ❗	🔘	onlyToken
└	shouldDistribute	Internal 🔒		
└	distributeDividend	Internal 🔒	🔘	
└	claimDividend	External ❗	🔘	NO❗
└	getUnpaidEarnings	Public ❗		NO❗
└	getHolderDetails	Public ❗		NO❗
└	getCumulativeDividends	Internal 🔒		
└	getLastProcessedIndex	External ❗		NO❗
└	getNumberOfTokenHolders	External ❗		NO❗
└	getShareHoldersList	External ❗		NO❗
└	totalDistributedRewards	External ❗		NO❗
└	addShareholder	Internal 🔒	🔘	
└	removeShareholder	Internal 🔒	🔘	

MRTOKEN	Implementation	IERC20, Ownable		
└		Public		NO
└		External		NO
└	totalSupply	External		NO
└	name	Public		NO
└	symbol	Public		NO
└	decimals	Public		NO
└	balanceOf	Public		NO
└	getHolderDetails	Public		NO
└	getLastProcessedIndex	Public		NO
└	getNumberOfTokenHolders	Public		NO
└	totalDistributedRewards	Public		NO
└	allowance	External		NO
└	approve	Public		NO
└	_approve	Internal		
└	approveMax	External		NO
└	transfer	External		NO
└	transferFrom	External		NO

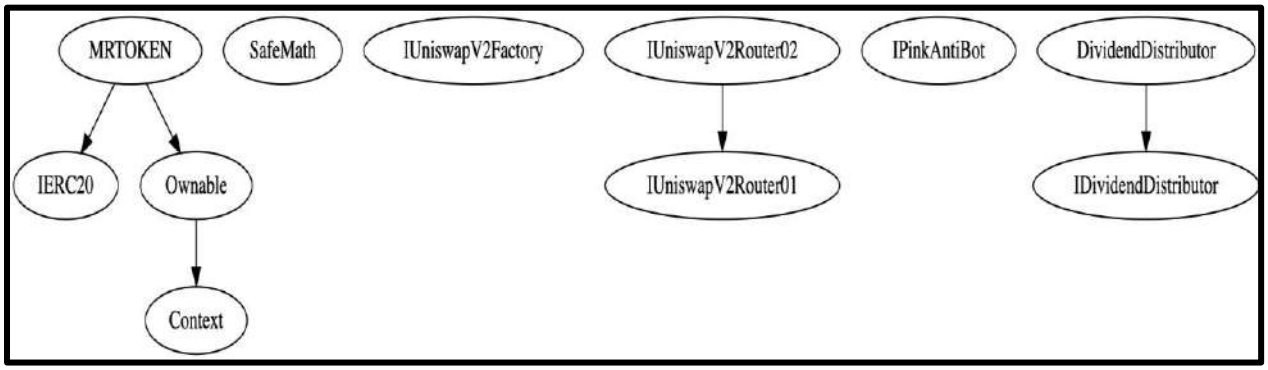
└	_transferFrom	Internal 🔒	🔘	
└	_basicTransfer	Internal 🔒	🔘	
└	shouldTakeFee	Internal 🔒		
└	takeFee	Internal 🔒	🔘	
└	shouldSwapBack	Internal 🔒		
└	clearStuckBalance	External ❗	🔘	onlyOwner
└	changeSwapToken	External ❗	🔘	onlyOwner
└	updateBuyFees	Public ❗	🔘	onlyOwner
└	updateSellFees	Public ❗	🔘	onlyOwner
└	tradingStatus	Public ❗	🔘	onlyOwner
└	whitelistPreSale	Public ❗	🔘	onlyOwner
└	purgeBeforeSwitch	Public ❗	🔘	onlyOwner
└	includeMeinRewards	Public ❗	🔘	NO❗
└	switchToken	Public ❗	🔘	onlyOwner
└	___claimRewards	Public ❗	🔘	NO❗
└	claimProcess	Public ❗	🔘	NO❗
└	swapBackInBnb	Internal 🔒	🔘	swapping
└	swapBackInTokens	Internal 🔒	🔘	swapping

└	swapAndSendFees	Private 🔐	🛑	
└	swapAndLiquify	Private 🔐	🛑	
└	swapTokensForEth	Private 🔐	🛑	
└	swapTokensForTokens	Private 🔐	🛑	
└	addLiquidity	Private 🔐	🛑	
└	setIsDividendExempt	External ❗	🛑	onlyOwner
└	setIsFeeExempt	External ❗	🛑	onlyOwner
└	setFeeReceivers	External ❗	🛑	onlyOwner
└	setSwapBackSettings	External ❗	🛑	onlyOwner
└	setDistributionCriteria	External ❗	🛑	onlyOwner
└	setDistributorSettings	External ❗	🛑	onlyOwner
└	claimTokens	External ❗	🛑	onlyOwner
└	enableAntibot	External ❗	🛑	onlyOwner

Legend

Symbol	Meaning
🛑	**Function can modify state**
💵	**Function is payable**

Inheritance Hierarchy



Security issue checking status

- **High severity issues**
  No high severity issues found.

- **Medium severity issues**
  No medium severity issues found.

- **Low severity issues**
  No low severity issues found.

Owner privileges

- The owner can get stuck BNB to the owner wallet from the contract.

```
ftrace | funcSig
function clearStuckBalance(uint256 amountPercentage) external onlyOwner {
    uint256 amountBNB = address(this).balance;
    payable(msg.sender).transfer((amountBNB * amountPercentage) / 100);
}
```

- The owner can change swap token (dev and marketing fee token).

```
ftrace | funcSig
function changeSwapToken(address token) external onlyOwner {
    SWAPTOKEN = token;
}
```

- The owner can change all buy and sell fees maximum up to 30%.

```
ftrace | funcSig
function updateBuyFees(
    uint256 reward,
    uint256 marketing,
    uint256 liquidity,
    uint256 dev,
    uint256 burn
) public onlyOwner {      Isuru Udayanga, 4 days ago • fix token functions
    buyDividendRewardsFee = reward;
    buyMarketingFee = marketing;
    buyLiquidityFee = liquidity;
    buyDevFee = dev;
    buyBurnFee = burn;
    buyTotalFees = reward.add(marketing).add(liquidity).add(dev).add(burn);
    require(buyTotalFees <= 30, "Total Fee must be less than 30%");
}

ftrace | funcSig
function updateSellFees(
    uint256 reward,
    uint256 marketing,
    uint256 liquidity,
    uint256 dev,
    uint256 burn
) public onlyOwner {
    sellDividendRewardsFee = reward;
    sellMarketingFee = marketing;
    sellLiquidityFee = liquidity;
    sellDevFee = dev;
    sellBurnFee = burn;
    sellTotalFees = reward.add(marketing).add(liquidity).add(dev).add(burn);
    require(sellTotalFees <= 30, "Total Fee must be less than 30%");
}
```

❖ The owner can enable/disable trading.

```
// switch Trading
ftrace | funcSig
function tradingStatus(bool _status) public onlyOwner {
    tradingOpen = _status;
}
```

❖ The owner can whitelist pre-sale address.

```
ftrace | funcSig
function whitelistPreSale(address _preSale) public onlyOwner {
    isFeeExempt[_preSale] = true;
    isDividendExempt[_preSale] = true;
    isAuthorized[_preSale] = true;
}
```

❖ The owner can transfer dividend tracker tokens amount to owner wallet before changing the dividend token.

```
// new dividend tracker, clear balance
ftrace | funcSig
function purgeBeforeSwitch() public onlyOwner {
    dividendDistributor.purge(msg.sender);
}
```

❖ The owner can change the reward token.

```
// new dividend tracker
ftrace | funcSig
function switchToken(address rewardToken⬆, bool isIncludeHolders⬆)
    public
    onlyOwner
{
    require(rewardToken⬆ != WBNB, "Can not reward BNB in this tracker");
    REWARD = rewardToken⬆;
    // get current shareholders list
    address[] memory currentHolders = dividendDistributor
        .getShareHoldersList();
    dividendDistributor = new DividendDistributor(
        address(router),
        rewardToken⬆
    );
    if (isIncludeHolders⬆) {
        // add old share holders to new tracker
        for (uint256 i = 0; i < currentHolders.length; i++) {
            try
                dividendDistributor.setShare(
                    currentHolders[i],
                    _balances[currentHolders[i]]
                )
            {} catch {}
        }
    }

    emit ChangeRewardTracker(rewardToken⬆);
}
```

❖ The owner can include/exclude wallets from dividends.

```
ftrace | funcSig
function setIsDividendExempt(address holder⬆, bool exempt⬆)
    external
    onlyOwner
{
    require(holder⬆ != address(this) && holder⬆ != pair);
    isDividendExempt[holder⬆] = exempt⬆;
    if (exempt⬆) {
        dividendDistributor.setShare(holder⬆, 0);
    } else {
        dividendDistributor.setShare(holder⬆, _balances[holder⬆]);
    }
}
```

❖ The owner can include/exclude wallets from fees.

```
ftrace | funcSig
function setIsFeeExempt(address holder⬆, bool exempt⬆) external onlyOwner {
    isFeeExempt[holder⬆] = exempt⬆;
}
```

❖ The owner can change dev and marketing wallets.

```
ftrace | funcSig
function setFeeReceivers(
    address _marketingFeeReceiver⬆,
    address _devFeeReceiver⬆
) external onlyOwner {
    marketingFeeReceiver = _marketingFeeReceiver⬆;
    devFeeReceiver = _devFeeReceiver⬆;
}
```

❖ The owner can enable/disable swapping and can change the swap point.

```
ftrace | funcSig
function setSwapBackSettings(bool _enabled⬆, uint256 _amount⬆)
    external
    onlyOwner
{
    swapEnabled = _enabled⬆;
    swapThreshold = _amount⬆;
}
```

❖ The owner can change minimum distribution time and minimum reward token amount.

```
ftrace | funcSig
function setDistributionCriteria(
    uint256 _minPeriod⬆,
    uint256 _minDistribution⬆
) external onlyOwner {
    dividendDistributor.setDistributionCriteria(
        _minPeriod⬆,
        _minDistribution⬆
    );
}
```

Functions publicly available for all users:

- Holders can get their last claim time, unpaid earnings, total rewards and their index in the tracker by passing wallets address.

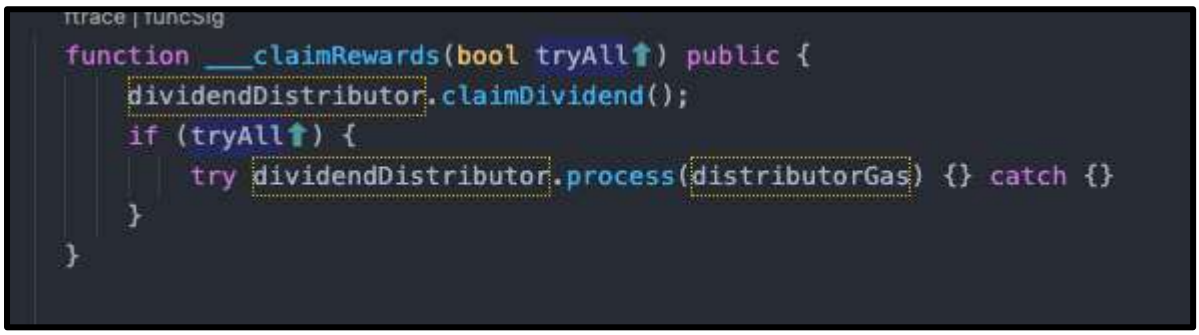
```
function getHolderDetails(address holder)
    public
    view
    returns (
        uint256,
        uint256,
        uint256,
        uint256
    )
{
    return dividendDistributor.getHolderDetails(holder);
}
```

- Holders can enter to the new tracker by calling this function.

```
ftrace | funcSig
function includeMeinRewards() public {
    require(
        !isDividendExempt[msg.sender],
        "You are not allowed to get rewards"
    );
    try
        dividendDistributor.setShare(msg.sender, _balances[msg.sender])
    {} catch {}

    emit IncludeInReward(msg.sender);
}
```

- Holders can manually claim rewards.



```
ftrace | funcSig
function ___claimRewards(bool tryAll) public {
    dividendDistributor.claimDividend();
    if (tryAll) {
        try dividendDistributor.process(distributorGas) {} catch {}
    }
}
```

Audit conclusion

While conducting the audit of the Meta Ruffy smart contract, it was observed that there is nothing alarming with the code.