



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



**Gift**  
\$gift2u

12/07/2024



# TOKEN OVERVIEW

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## Fees

- Buy fees: Not Available (0%)
- Sell fees: Not Available (0%)

## Fees privileges

- Can't set fees

## Ownership

- Not Available

## Minting

- Can't mint new tokens

## Max Tx Amount / Max Wallet Amount

- Not Available

## Blacklist

- Not Available

## Other privileges

- LP has to be added manually by the team
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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 **Gift** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**HYcEy4qpXss1Jme2sixZRTJKJ4s1iv5GLktVJKdubZnP**

Network: **Solana (SOL)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **12/07/2024**



# WEBSITE DIAGNOSTIC

<https://gift2u.fun>



0-49



50-89



90-100



Performance



Accessibility



Best  
Practices



SEO



Progressive  
Web App

## Socials



Twitter

<https://x.com/gift2utoken>



Telegram

<https://t.me/+jXryb7cMomplZmFh>

# AUDIT OVERVIEW



Security Score



Auditing Request

11.07.2024



Onboarding Process

12.07.2024



Audit Preview

12.07.2024



Audit Release

12.07.2024



High



Medium



Low



Optimizations



Informational



# TOKEN SUMMARY

Address:	HYcEy4qpXss1Jme2sixZRTJKJ4s1iv5GLktVJKdubZnP
Name:	Gift
Symbol:	gift2u
Decimals:	6
Supply:	999,978,499,994.00
Platform:	Solana
Contract Name:	gift2u
Optimization:	Yes
License Type:	Unlicensed
Language:	Rust

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# PROJECT OVERVIEW

## METADATA RESULTS

key:	4
updateAuthority:	ADGA6ySDJoSvb4TvcsueyEtJnJcV4nGMn5TKXwg2adjN
mint:	HYcEy4qpXss1Jme2sixZRTJKJ4s1iv5GLktVJKdubZnP
sellerFeeBasisPoints:	0
primarySaleHappened:	0
isMutable:	0
editionNonce:	255
tokenStandard:	2

## URI METADATA

Solana URI Metadata pertains to the information linked with a token, which is fetched from its Uniform Resource Identifier (URI)

<https://bafkreibg44ihigawvlo6o342ekzwluzmgdy66cygmwrrqhjb5tobwjh4e.ipfs.cf-ipfs.com>

```
{
  8 items
  key : 4
  updateAuthority : "ADGA6ySDJoSvb4TvcsueyEtJnJcV4nGMn5TKXwg2adjN"
  mint : "HYcEy4qpXss1Jme2sixZRTJKJ4s1iv5GLktVJKdubZnP"
  data : {
    4 items
    name : "Gift"
    symbol : "gift2u"
    uri : "https://bafkreibg44ihigawvlo6o342ekzwluzmgdy66cygmwrrqhjb5tobwjh4e.ipfs.cf-ipfs ..."
    sellerFeeBasisPoints : 0
  }
  primarySaleHappened : 0
  isMutable : 0
  editionNonce : 255
  tokenStandard : 2
}
```

# PROJECT OVERVIEW

## METADATA RESULTS

**key:** This is an integer value that signifies the key linked to the root object

**updateAuthority:** This is a string value that denotes the update authority for the program

**mint:** This is a string value that signifies the mint address associated with the program

**sellerFeeBasisPoints:** This is an integer value that represents the seller fee basis points

**primarySaleHappened:** This is an integer value that indicates whether the primary sale of the token has occurred

**isMutable:** This is an integer value that indicates the mutability of the token. A value of 1 suggests that the token is mutable, while a value of 0 indicates that the token is not mutable

**editionNonce:** This is an integer value that denotes the edition nonce for the token

**tokenStandard:** This is an integer value that signifies the token standard for the program

# PROJECT OVERVIEW

## METAPLEX METADATA

Solana metadata encompasses supplementary information linked to a digital asset or NFT on the Solana blockchain. This information comprises details such as the asset's name, description, image, attributes, and other pertinent data

In the Solana context, metadata is usually stored in JSON format and associated with the unique identifier or token ID of assets. This metadata offers crucial information about the asset, enabling users and applications to comprehend and engage with it effectively.

# TECHNICAL FINDINGS

## ● Centralization / Privilege

During the contract deployment, all tokens are allocated to the contract deployer, presenting a potential risk of centralization. This is concerning because the deployer possesses the ability to distribute tokens without seeking consensus from the community

### Recommendation

We advise the team to maintain transparency regarding the initial token distribution process

## ● LP has to be added manually by the team

The team utilizing Pinksale Launchpad on the Solana blockchain needs to manually add the liquidity pool (LP)

The project team must manually contribute liquidity to liquidity pool in order to utilize it effectively. This involves adding their own assets to the pool, ensuring sufficient liquidity for trading and transactions.



### **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 1 HIGH issue during the first review.

# TOKEN DETAILS

## Details

Buy fees: Not Available (0%)

Sell fees: Not Available (0%)

Max TX: Not Available

Max Sell: Not Available

## Honeypot Risk

Ownership: Not Available

Blacklist: Not detected

Modify Max TX: Not detected

Modify Max Sell: Not detected

Disable Trading: Not detected





















## Rug Pull Risk

Liquidity: Not Available

Holders: 97.9% unlocked tokens



# GIFT2U TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

#	Account	Token Account	Quantity	Percentage
1	7jbwJrkRyUGuM4aZuAyfUAEBrdNxmCvRiZW7YCTqxid 	HRu4mkxB1E5DHz2jpCT2SJzpJwd5SFfgcZzKk4hqSZS 	300,000,000,000.00	30.00%
2	5VyPuSfo9MtdagRT3TfgxPHDAyVMM3H7NJ44uqaGBW9W 	BpaYrGsiRyLJZnpgGBRURJ2ISBkq9ED3WvMz9vTbtmjP 	300,000,000,000.00	30.00%
3	ADGA6ySDJoSvb4TvcueyEtJncV4nGMn5TKXwg2adjN 	7g3Kiq44DTikaKSIEHNQXLTpWtqNAQo8cK8iLiXiwiL 	279,841,000,000.00	27.98%
4	3hWrxktV52aAM3oBvZKEcjffRNeaceTdmDcGofMPZEsj 	R6S3UbK5y25v3bhkkSLVnmisxUPAPZ1Xnwdv5h81rE4 	100,000,000,000.00	10.00%
5	H99AdcyBEyuM2uqUGfs1jyxLyzmMYmq58AAhYSJEsqyp 	9HBYDDdUVTtZTxn3GNcd3VN8ytT6trVdPnVZK4LP3vc 	20,000,000,000.00	2.00%
6	6tJ4gvdyd44THyh3AMBNa52TcybKaBnjCDA8Ss26v5L79 	Ah5WpEGkkDXeCfGkfKtwWgZ8GeTd49oqTqedCHBcwsV 	18,000,000.00	0.00%
7	6QTPKdj3b4WvGVQBfgeP8A3EhnezoySzxTkuSi8AWFzY 	8GCPBB3acMzPDyUyUQJmMtWf5kr5Hi4CKyZNF1u39Tv 	17,999,994.00	0.00%
8	HtztoRNXexqDX5fhUyvGCPuLwvbPFsH7BjZtT775NGk1 	7VrviwTm4dDZCr9wYJWHE3XKGcw9kJGub78ArKmyUbEE 	10,000,000.00	0.00%
9	AuoxVwBTqZ4vMLEueU6orRRFqYUXoR4xS11PBM9Pmt8W 	7nzM2PFp3uo7BJV2guEzTrKS8YaTdxTzsA1ktagjSSn6 	9,000,000.00	0.00%
10	DsFyvd8J5x379jGgkjDk4i7PsBtm2CaEB8SocrzKf9k4 	7nQ76ejNPeAVEDah19DcJAMKS7DamdkzUvjqGQDjjCUU 	5,500,000.00	0.00%



# 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.

