

# Audit Report **ShowGirls**

June 2024

Network SOL

Address 3SXgM5nXZ5HZbhPyzaEjfVu5uShDjFPaM7a8TFg9moFm

Audited by © cyberscope





# **Analysis**

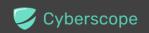
CriticalMediumMinor / InformativePass

| Severity | Code   | Description      | Status |
|----------|--------|------------------|--------|
| •        | STPMTA | Mint Authority   | Passed |
| •        | STPFRA | Freeze Authority | Passed |
| •        | STPUPA | Update Authority | Passed |



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#### **Review**

Network Solana

Address 3SXgM5nXZ5HZbhPyzaEjfVu5uShDjFPaM7a8TFg9moFm

**Explorer** <a href="https://solscan.io/address/3SXgM5nXZ5HZbhPyzaEjfVu5uShDjF">https://solscan.io/address/3SXgM5nXZ5HZbhPyzaEjfVu5uShDjF</a>

PaM7a8TFg9moFm

Name ShowGirls Al

Symbol SHOWGIRLS

Decimals 8

**Total Supply** 8,888,888,888

Metadata File Type JSON

Owner Program <a href="https://solscan.io/address/TokenkegQfeZyiNwAJbNbGKPFXCW">https://solscan.io/address/TokenkegQfeZyiNwAJbNbGKPFXCW</a>

uBvf9Ss623VQ5DA

Badge Eligibility Yes

#### **Audit Updates**

| Initial Audit | 07 Jun 2024 |
|---------------|-------------|
|               |             |



#### **Overview**

The ShowGirls token symbolized as SHOWGIRLS, is a distinguished SPL (Solana Program Library) token initialized using the TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA Token Program on the Solana blockchain, with a supply of 8,888,888,888 tokens. The token uses the URL

https://api.coinfactory.app/contracts/3SXgM5nXZ5HZbhPyzaEjfVu5uShDjFPaM7a8TFg9mo Fm/metadata.json, which points to a decentralized storage service, while the image https://res.cloudinary.com/coinfactory/image/upload/v1716958111/solana/st6g7lphjklgmc7 czx0n.png is used for visual identification of the token across platforms and marketplaces. Overall, the solana token is a distinct entity within the Solana network, identifiable by its unique characteristics as outlined in its metadata.

| Field                | Value  | Description  |
|----------------------|--|--|
| updateAuthority      | 6uGWBLKRo7A5kFujaAs<br>Mtt2jXjHwoVr26zwDSbfj8<br>Vg3   | The public key that is allowed to update this account  |
| mint                 | 3SXgM5nXZ5HZbhPyzaEjf<br>Vu5uShDjFPaM7a8TFg9m<br>oFm   | The public key of the Mint Account it derives from   |
| name                 | ShowGirls Al   | The on-chain name of the token   |
| symbol               | SHOWGIRLS  | The on-chain symbol of the token   |
| uri                  | https://api.coinfactory.app<br>/contracts/3SXgM5nXZ5H<br>ZbhPyzaEjfVu5uShDjFPaM<br>7a8TFg9moFm/metadata.j<br>son | The URI to the external metadata. This URI points to an off-chain JSON file that contains additional data following a certain standard |
| sellerFeeBasisPoints | 0  | The royalties shared by the creators in basis points — This field is used by most NFT marketplaces, it is not                          |



|                     |       | enforced by the Token Metadata program itself   |
|---------------------|-------|---|
| primarySaleHappened | false | A boolean indicating if the token has already been sold at least once. Once flipped to True, it cannot ever be False again. This field can affect the way royalties are distributed |
| isMutable           | false | A boolean indicating if the metadata account can be updated. Once flipped to False, it cannot ever be True again  |
| editionNonce        | 255   | Unique identifier for this edition  |
| tokenStandard       | 2     | The standard of the token   |

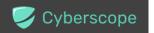


#### Metadata

The Metaplex Metadata provides details of the characteristics of the ShowGirls token, a distinctive digital asset on the Solana blockchain tailored for utilizing the Metaplex Metadata. This metadata includes crucial information necessary for the asset's seamless integration and operation within the Solana ecosystem.

The asset imposes sellerFeeBasisPoints of 0 basis points, indicating no transaction fee for trading is set, The metadata indicates that the asset has not yet undergone its primary sale as indicated by the primarySaleHappened value set to 0, and it is marked as immutable since isMutable is 0, not allowing for future changes to the metadata. The editionNonce of 255 signifies a unique edition, while the tokenStandard of 2, aligns with a specified token standard within the Solana blockchain, ensuring its compatibility and standardization across the network. This detailed metadata structure offers a comprehensive overview of the token's key features and its operational framework within the Metaplex ecosystem on Solana.

```
{
  "name": "ShowGirls AI",
  "symbol": "SHOWGIRLS",
  "description": "Welcome to Showgirls, where sexy elite AI showgirls indulge
your every fantasy.",
  "image":
  "https://res.cloudinary.com/coinfactory/image/upload/v1716958111/solana/st6g7l
phjklgmc7czx0n.png"
}
```



# **Findings Breakdown**

| Sev | rerity              | Unresolved | Acknowledged | Resolved | Other |
|-----|---------------------|------------|--------------|----------|-------|
| •   | Critical            | 0          | 0            | 0        | 0     |
| •   | Medium              | 0          | 0            | 0        | 0     |
|     | Minor / Informative | 0          | 0            | 0        | 0     |



#### **STPMTA - Mint Authority**

| Criticality | Passed   |
|-------------|----------|
| Status      | Resolved |

#### Description

The token has a fixed supply of tokens, as the mint authority has been revoked, ensuring a stable and unchangeable total supply. This key characteristic enhances its value proposition within the ecosystem by eliminating the possibility of future inflation of the token value through additional minting. This creates a predictable environment for investors and users, contributing to a perception of increased trustworthiness and security. This decision aligns with the best practices aiming to preserve the token's integrity and value, fostering a more sustainable and confident market presence.



#### **STPFRA - Freeze Authority**

| Criticality | Passed   |
|-------------|----------|
| Status      | Resolved |

#### Description

The freeze authority of the token has been revoked, permanently disabling the ability to freeze and thaw accounts. This action signals a definitive stance on account management within the token's ecosystem, emphasizing the permanence of account statuses. Removing the possibility of altering account states, establishes a more secure environment for token holders, reinforcing the network's commitment to stability and reliability. This decision reflects adherence to best security practices, aiming to solidify investor confidence and enhance the token's value by ensuring consistent operational integrity.



## **Summary**

The ShowGirls token, built on the Solana network, leverages a solid architecture initiated via the Token program. This audit rigorously evaluates its performance, security, and compliance with best practices. The investigation aims to identify and address any operational vulnerabilities, performance bottlenecks, and areas for optimization, ensuring the token's robustness and reliability in the Solana ecosystem. The token program analysis reported no compiler errors or critical issues.



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## **About Cyberscope**

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



The Cyberscope team

https://www.cyberscope.io