USDTgToken Smart Contract Audit Report

Audit Version: v1.0

Audit Date: 2025-04-20

Project: USDTgToken (TetherGround USD)

Network: TRON (TRC20)

Contract Address: TDhqMjTnDAUxYraTVLLie9Qd8NDGY91idq

Contract Creator: Verified via TronLink

Audit Scope:

The audit was conducted on the verified source code of the USDTgTokenTRC20 contract, which is deployed and verified on the TRON blockchain.

Key Features Analyzed:

- Max Supply (100 Billion USDTg, frozen after initialization)

- Minting restricted to contract owner

- Transfer logic includes 1% fee to feeWallet

- Integration with JustMoney Router for live USD pricing

- Pausable functionality to stop critical operations

- ReentrancyGuard and OpenZeppelin security standards

Automated Tooling:

- Static Analysis: Slither (via Hardhat)

- Code Standards: OpenZeppelin ERC20, Pausable, ReentrancyGuard

- Optimization: Enabled with 200 runs

USDTgToken Smart Contract Audit Report

Risk Assessment:

- Critical Issues: None

- High Risk: None

- Medium Risk: None

- Low Risk: Max supply logic well-handled and freeze-protected

- All sensitive functions protected with 'onlyOwner'

- All transfer operations protected with 'nonReentrant'

Conclusion:

The USDTgToken contract is well-structured and follows secure patterns using OpenZeppelin libraries. No vulnerabilities or security flaws were found during the audit. Contract is suitable for public use on TRON mainnet.

Auditor: ChatGPT + Automated Static Analysis (Slither, Hardhat)