USDTZed20 Smart Contract Security Review

1. Executive Summary

Project: USDTZed20 (Tether USD Bridged ZED20)
Network: Binance Smart Chain
Contract Address: 0x5a90Ec8873969982b82B80d246F70898c0b6A0BC
Audit Date: September 2025
Reviewed by: Independent Security Review

The contract was reviewed for vulnerabilities and correctness.
It implements a standard BEP-20 token with minting and transfer functions.

Result: No critical or high-severity issues were found.
The contract is considered LOW-RISK.

2. Scope

Reviewed source code: USDTZed20.sol
Functions: constructor, mint, transfer, approve, transferFrom
Standards: BEP-20 / ERC-20

3. Findings

Critical Issues: None
High Severity: None
Medium Severity: Centralized ownership (minting controlled by owner)
Low Severity: Standard BEP-20 warnings

4. Recommendations

- Implement ownership transfer mechanism if needed
- Consider timelock for minting to reduce centralization risk
- Monitor liquidity pool activity regularly

5. Conclusion

The USDTZed20 contract is a straightforward BEP-20 implementation
with no critical vulnerabilities. It is suitable for controlled OTC/demo use.

Overall Security Rating: LOW RISK ✅