



December 7, 2024

Express Audit Report for GDRCv1Token [GDRCV1]

DISCLAIMER: This is an automatically generated audit performed with De.Fi Scanner tool. De.Fi smart contract auditing tool is intended to assist in identifying potential vulnerabilities or malicious functions in smart contracts. While this is done to our best effort and knowledge, please notice that no tool can guarantee complete accuracy or comprehensiveness in detecting all possible vulnerabilities.



Project Summary

Project Name	ERC1967Proxy
Address	0xc370c70907da6775d2fdb15143869ab74922b29
Network	1

Issue ID	177
Severity	 Informational
Status	High
Description Code	pragma solidity ^0.8.20;
Location	Pragma version^0.8.20 (ERC1967Proxy.sol#4) necessitates a version too recent to be trusted. Consider deploying with 0.6.12/0.7.6/0.8.7



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Issue ID	177
Severity	🎯 Informational
Status	High
Description Code	
Location	solc-0.8.21 is not recommended for deployment

Issue ID	173
Severity	 Informational
Status	High
Description Code	<pre>function sendValue(address payable recipient, uint256 amount) internal { if (address(this).balance < amount) { revert AddressInsufficientBalance(address(this)); } (bool success,) = recipient.call{value: amount}(""); if (!success) { revert FailedInnerCall(); } }</pre>
Location	Low level call in Address.sendValue(address,uint256) (Address.sol#41-50): - (success) = recipient.call{value: amount}() (Address.sol#46)

Issue ID	173
Severity	🕒 Informational
Status	High
Description Code	<pre>function functionCallWithValue(address target, bytes memory data, uint256 value) internal returns (bytes memory) { if (address(this).balance < value) { revert AddressInsufficientBalance(address(this)); } (bool success, bytes memory returndata) = target.call{value: value}(data); return verifyCallResultFromTarget(target, success, returndata); }</pre>
Location	Low level call in Address.functionCallWithValue(address,bytes,uint256) (Address.sol#83-89): - (success,returndata) = target.call{value: value}(data) (Address.sol#87)

Issue ID	173
Severity	🔴 Informational
Status	High
Description Code	<pre>function functionStaticCall(address target, bytes memory data) internal view returns (bytes memory) { (bool success, bytes memory returndata) = target.staticcall(data); return verifyCallResultFromTarget(target, success, returndata); }</pre>
Location	Low level call in Address.functionStaticCall(address,bytes) (Address.sol#95-98): - (success,returndata) = target.staticcall(data) (Address.sol#96)

Issue ID	173
Severity	 Informational
Status	High
Description Code	<pre>function functionDelegateCall(address target, bytes memory data) internal returns (bytes memory) { (bool success, bytes memory returndata) = target.delegatecall(data); return verifyCallResultFromTarget(target, success, returndata); }</pre>
Location	Low level call in Address.functionDelegateCall(address,bytes) (Address.sol#104-107): - (success,returndata) = target.delegatecall(data) (Address.sol#105)



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Issue ID	193
Severity	 Critical
Status	Medium
Description Code	fallback() external payable virtual { _fallback(); }
Location	Proxy upgradeability: Proxy.fallback() (Proxy.sol#66-68)