# AuditDefi SMART CONTRACT AUDIT

Capitalize on the expertise of our smart contract auditors to launch highly secure blockchain applications.

# Gladiator

N SMART CONTRACT AUDIT







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#### **DISCLAIMER**

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

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#### **BACKGROUND:**

AuditDefi was commissioned by Gladiator to perform an audit of smart contracts: Gladiator.sol

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified



# **AUDIT DETAILS:**

Contract name	Gladiator
Token ticker	GLR
Contract address	0xd3b25007cefeAe26b99859dDb81B6B7E CF25fCbd
Total supply	200,000,000
Decimals	18
Language	SOLIDITY
Blockchain	Binance smart chain
Compiler	v0.8.7+commit.e28d00a7
Website	https://www.thegladiator.io/
Twitter	https://twitter.com/thegladiatorio
Telegram	https://t.me/thegladiator

#### PROJECT OVERVIEW:

BThe Gladiator Universe is combining the power of fantasy sports and metaverse universe. Gladiator is also providing a power and opportunity to the people -- to the underdogs -- instead of venture capitalists and hedge funds. Gladiator is also one of the most recognized brands in the world. Our team is dedicated to honoring the legacy of the brand and building upon its success, so that Gladiator continues to be associated with Fantasy gaming and now with metaverse for years to grow its future to the next level. Gladiators core businesses include Fantasy Games, API development, licensing, NFT and blockchain.

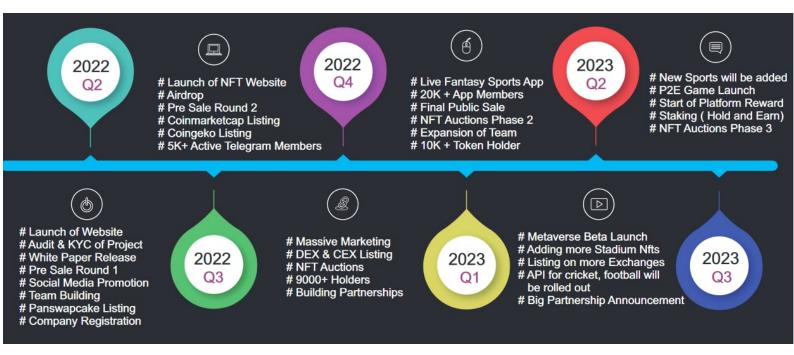
The team at Gladiator is focused on creating value by expanding and integrating each of these businesses under the leadership of our Core Community.

#### **Tokenomics:**

0% BUY/SELL TAX

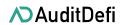


#### **ROADMAP**



# **ISSUE CHECKING STATUS**

Nο	Issue description.	Checking status
1	Compiler warnings.	Passed
2	Race conditions and Reentrancy. Cross-function race conditions.	Passed
3	Possible delays in data delivery.	Passed
4	Oracle calls.	Passed
5	Front running.	Passed
6	Timestamp dependence.	Passed
7	Integer Overflow and Underflow.	Passed
8	DoS with Revert.	Passed
9	DoS with block gas limit.	Low
10	Methods execution permissions.	Passed
11	Economy model.	Passed
12	The impact of the exchange rate on the logic.	Passed
13	Private user data leaks.	Passed
14	Malicious Event log.	Passed
15	Scoping and Declarations.	Passed
16	Uninitialized storage pointers.	Passed
17	Arithmetic accuracy.	Passed
18	Design Logic.	Passed
19	Cross-function race conditions.	Passed
20	Safe Zeppelin module.	Passed
21	Fallback function security.	Passed



# **SMART CONTRACT - SWC ATTACKS**

SWC ID	Description	Verdict
SWC-101	Integer Overflow and Underflow	Passed
SWC-102	Outdated Compiler Version!	!Low
SWC-103	Floating Pragma	Passed
SWC-104	Unchecked Call Return Value	Passed
SWC-105	Unprotected Ether Withdrawal	Passed
SWC-106	Unprotected SELFDESTRUCT Instruction	Passed
SWC-107	Re-entrancy	Passed
SWC-108	State Variable Default Visibility	Passed
SWC-109	Uninitialized Storage Pointer	Passed
SWC-110	Assert Violation	Passed
SWC-111	Use of Deprecated Solidity Functions	Passed
SWC-112	Delegate Call to Untrusted Callee	Passed
SWC-113	DoS with Failed Call	Passed
SWC-114	Transaction Order Dependence	Passed
SWC-115	Authorization through tx.origin	Passed
SWC-116	Block values as a proxy for time	Passed
SWC-117	Signature Malleability	Passed
SWC-118	Incorrect Constructor Name	Passed
SWC-119	Shadowing State Variables	Passed
SWC-120	Weak Sources of Randomness from Chain Attributes	Passed
SWC-121	Missing Protection against Signature Replay Attacks	Passed
SWC-122	Lack of Proper Signature Verification	Passed
SWC-123	Requirement Violation	Passed
SWC-124	Write to Arbitrary Storage Location	Passed
SWC-125	Incorrect Inheritance Order	Passed
SWC-126	Insufficient Gas Griefing	Passed
SWC-127	Arbitrary Jump with Function Type Variable	Passed
SWC-128	DoS With Block Gas Limit	Passed
SWC-129	Typographical Error	Passed
SWC-130	Right-To-Left-Override control character (U+202E)	Passed
SWC-131	Presence of unused variables	Passed
SWC-132	Unexpected Ether balance	Passed
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Passed
SWC-134	Message call with hardcoded gas amount	Passed
SWC-135	Code With No Effects (Irrelevant/Dead Code)!	Passed
SWC-136	Unencrypted Private Data On-Chain	Passed

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# **SMART CONTRACT - RISK STATUS**

Risk Severity	Status
! Critical	None critical severity issues identified
! High	None high severity issues identified
! Medium	None medium severity issues identified
! Low	1 low severity issue identified
Passed	35 functions and instances verified and passed



## **OWNER PRIVILEGES**

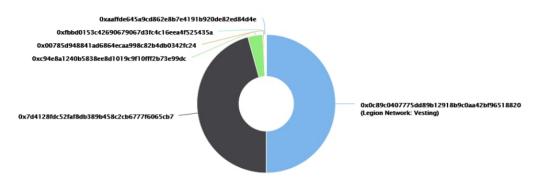
1. approve	
2. balanceOf	
3. transfer	
4. transferFrom	

## **TOP TOKEN HOLDERS**

### At the time of the audit

#### GLADIATOR Top 100 Token Holders

Source: BscScan.com



(A total of 200,000,000.00 tokens held by the top 100 accounts from the total supply of 200,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	Legion Network: Vesting	100,000,000	50.0000%
2	0x7d4128fdc52faf8db389b458c2cb6777f6065cb7	91,425,000	45.7125%
3	₫ 0xc94e8a1240b5838ee8d1019c9f10fff2b73e99dc	6,986,500	3.4933%
4	0x00785d948841ad6864ecaa998c82b4db0342fc24	523,990	0.2620%
5	0x900306842adf42d8b55e7c92629644095b3c8a8a	62,500	0.0313%
6	0x188683cdef149a00586a0008c3c2bae97711fa75	62,500	0.0313%
7	0x253fcf87c2e10a00c05c4749d3bc3601d5be29d6	62,500	0.0313%
problems-with-lp/6	757 0xf0894a6875c88efb5a51388a0125f5ca5d4a95f2	62,500	0.0313%



#### **CONCLUSION**

Gladiator does not contain any severe issues.

46,54 % OF THE TOTAL SUPPLY IS UNLOCKED 50% OF THE TOTAL SUPPLY IS LOCKED 55% of the Liquidity is Locked for 180 days

Owner is doxxed to RateTech Audit



#### AuditDefi note:

Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided

for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner