Submitted audit for **GbtBroker** on 23 November 2023

Audit result: Passed

Token Address: - 0x285A158Db7FBAD6414E36c7eA8EF20392AF23a02

Name: GoldenBambooToken

Symbol: GBT **Decimals**: 18

Network: Binance smart chain

Token Type: ERC20

Checksum: 210f1528fea91805f3ae5aaac06bbed9

Testnet version:

The tests were performed using the contract deployed on the Binance smart chain Testnet, which

can be found at the following address:

https://testnet.bscscan.com/address/0x3eab9a6afeb8745bb17c6d30c3402622854c4f1d#code

Tools:

- 1. Manual Review: The code has undergone a line-by-line review by the **Ace** team.
- 2. BSC Test Network: All tests were conducted on the BSC Test network, and each test has a corresponding transaction attached to it. These tests can be found in the "Functional Tests" section of the report.
- 3. Slither: The code has undergone static analysis using Slither.

Static Analysis

A static analysis of the code was performed using Slither.

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External calls:

External calls:

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Findings: Critical: 0 High: 0 Medium: 0 Low: 2

Suggestions & Optimizations: 1

Centralization – **Missing Zero Address**

Severity: Low

function: setAddress and setUint

Status: Open Overview:

functions can take a zero address as a parameter (0x00000...). If a function parameter of address type is not properly validated by checking for zero addresses, there could be serious consequences for the contract's functionality.

```
function registrationExt(address referrerAddress) external {
    registration(msg.sender, referrerAddress);
}function setUint(uint param, uint status) external onlyOwner {
    if (status == 0) {
        _rewardTimes = param;
    } else if (status == 1) {
        _minAdd = param;
    } else if (status == 2) {
        _helpLp = param;
    } else if (status == 3) {
```

```
_calculateVirtualDecimals = param;
}
```

Suggestion:

It is suggested that the address should not be zero or dead.

Optimization

Severity: Low

subject: Missing Events

Status: Open Overview:

They serve as a mechanism for emitting and recording data onto the blockchain, making

it

transparent and easily accessible.

```
function registrationExt(address referrerAddress) external {
          registration(msg.sender, referrerAddress);
    }
```

Optimization

Severity: Informational

subject: floating Pragma Solidity version

Status: Open **Overview:**

It is considered best practice to pick one compiler version and stick with it. With a floating pragma, contracts may accidentally be deployed using an outdated.

```
pragma solidity ^0.8.19;
```

Suggestion

Adding the latest constant version of solidity is recommended, as this prevents the unintentional deployment of a contract with an outdated compiler that contains unresolved bugs.