

SOLID
G R O U P

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SAVEBRITNEY

Security Assessment

July 14th, 2021

For:

SAVEBRITNEY

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About SaveBritney

Britney has been a prisoner in her own home for long enough! [SaveBritney.io](#) is a movement that was created to help raise awareness for the goddess of pop's unbearable case [#SaveBritney](#)

[Britney.net](#) | [TG @SaveBritney](#) | [TG ann: @SaveBritneyAnn](#) | [Twitter: twitter.com/ETHSaveBritney](#)

About Solid Group

Solid Group is a blockchain consulting and auditing service provider, founded by 3 cybersecurity experts with a passion for thinking out of the box, learning, and sharing knowledge. Every project goes through a meticulous process and is viewed by at least two partners, thereby achieving a high level of credibility and professionalism. Our group is partnered with multiple organizations and launchpads that have a combined market cap of over 400 million USD.

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Files in Scope

| Contract Name | Contract Address |
|---------------|--|
| sbrrt | 0x606ce698aea1dca5a2627a4583da13a340667f09 |

Vulnerability Summary

| | |
|---------------------------------|---|
| ● Informational severity Issues | 1 |
| ● Low severity issues | 0 |
| ● Medium severity issues | 0 |
| ● High severity issues | 0 |

Privileged Functions

- The owner of the contract can blacklist any address, note that blacklisted addresses cannot sell nor buy tokens. **The owner of the contract can't blacklist the pair address which will make the token untradable.**
- setSellTxLimit
- setBuyTxLimit
- setMaxAutoBuyTxLimit
- setFunds
- setMinSwap
- setPairPercentage
- setBuyCooldown
- setSellCooldown
- setFees
- disableLimits
- disableBlacklist
- setAutoDonate
- setBlacklistStatus
- setCollaboratorStatus
- disableCollaborators
- LP fee is limited to 15%
- Dat is limited to 8%

Findings

| Issue #1 | Type | Severity | Location | Status |
|----------|---------------|----------|----------|---------|
| | Volatile Code | ● Medium | setFees | ✓ Fixed |

Description

Add upper limit to setFees function, in order to make sure the token will always be tradable

| Issue #2 | Type | Severity | Location | Status |
|----------|------------------|-----------------|---------------|--------------|
| | Gas Optimization | ● Informational | multiTransfer | Acknowledged |

Description

In order to save on gas fees and tax fee for private investors our recommendation is to do a low level transfer on token distribution.

| Issue #3 | Type | Severity | Location | Status |
|----------|---------------|-----------------|----------|--------------|
| | Best Practice | ● Informational | All | Acknowledged |

Description

Events are missing in the contract.

| Issue #4 | Type | Severity | Location | Status |
|----------|--------------------|----------|-----------------|---------|
| | Owner Capabilities | ● High | setSellCooldown | ✓ Fixed |

Description

setSellCooldown should have a maximum limit in order to make sure the owner can't use it maliciously and make the token untradable.