



OXSCANS

PROJECT: DXFEETOKEN

OXA1589618C93A547D08C909775BA6F2082D1E62EO

02/23/2024

AUDIT REPORT

SAFETY SCORE: 96

1 - Arbitrary Jump/Storage Write

Result: Pass

2 - Centralization of Control

Result: Medium

Details: The contract contains an `onlyOwner` modifier and several functions that can only be called by the owner, which introduces a level of centralization. The owner has the ability to exclude addresses from fees, set fees, and transfer ownership, which could be potentially risky if misused.

Code:

```
modifier onlyOwner() {
    _checkOwner();
    _;
}
...
function excludeFromFee(address account) public onlyOwner {
    require(!_isExcludedFromFee[account], "Account is already excluded");
    _isExcludedFromFee[account] = true;
}
...
function setTaxFeePercent(uint256 taxFee) external onlyOwner() {
    ...
}
...
function transferOwnership(address newOwner) public virtual override onlyOwner {
    ...
}
```

Correction:

```
// No direct correction as this is a design choice, but decentralizing control by using a
multi-signature wallet or a DAO for these sensitive functions could mitigate the risk.
```

3 - Compiler Issues

Result: Pass

4 - Delegate Call to Untrusted Contract

Result: Pass

5 - Dependence on Predictable Variables

Result: Pass

6 - Ether/Token Theft

Result: Pass

7 - Flash Loans

Result: Pass

8 - Front Running

Result: Pass

9 - Improper Events

Result: Pass

10 - Improper Authorization Scheme

Result: Pass

11 - Integer Over/Underflow

Result: Pass

12 - Logical Issues

Result: Pass

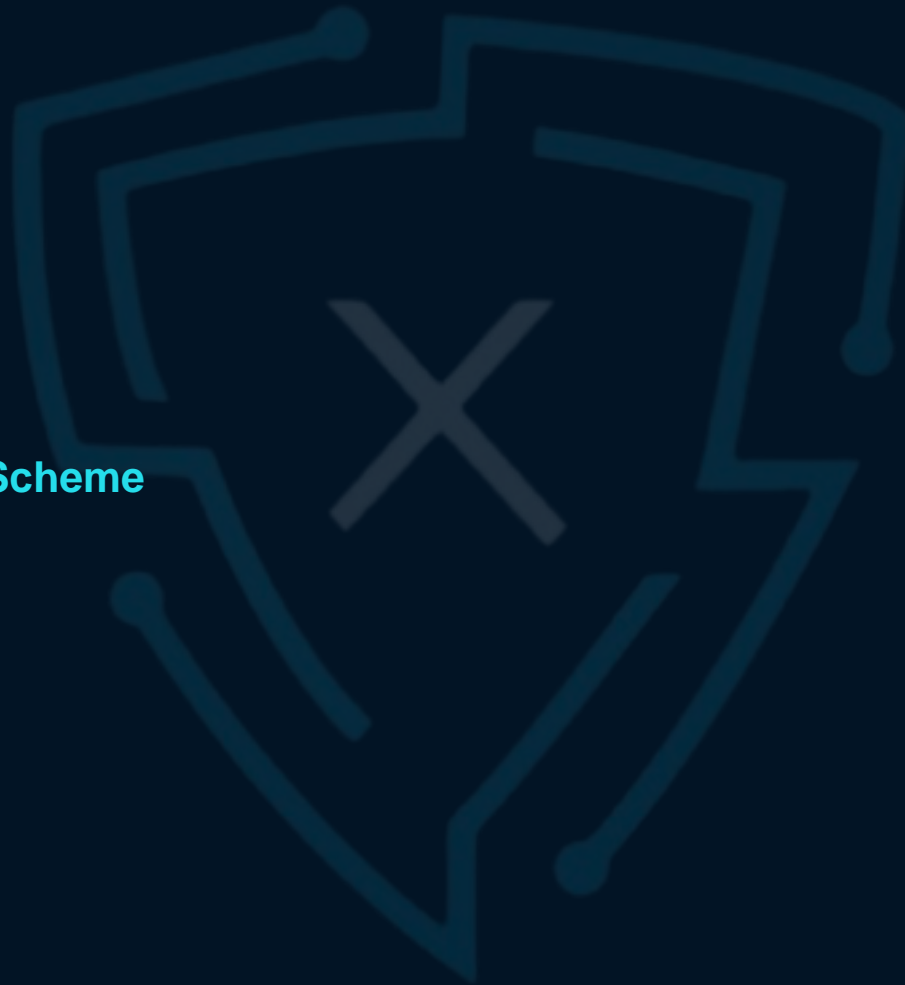
13 - Oracle Issues

Result: Pass

14 - Outdated Compiler Version

Result: Pass

15 - Race Conditions



Result: Pass

16 - Reentrancy

Result: Pass

17 - Signature Issues

Result: Pass

18 - Sybil Attack

Result: Pass

19 - Unbounded Loops

Result: Pass

20 - Unused Code

Result: Pass

Overall, the smart contract does not exhibit critical vulnerabilities in the categories checked. However, the centralization of control is a point of concern and should be considered by the project team. Decentralizing control by using a multi-signature wallet or a DAO for sensitive functions could mitigate potential risks associated with centralization.



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