Audit Report for Myblacktoken Contract

Contract Overview

The audit was conducted on the Myblacktoken contract. This contract is an ERC-20 token that provides functionalities to perform token transfers, manage blacklisting of users, buy tokens with Ether, and administrative controls.

Audit Scope

The audit focused on ensuring that the Myblacktoken contract functions as expected, adheres to best practices, and is secure. The specific aspects reviewed include:

Correctness of token transfers.
Blacklisting and removal of users.
Token purchase functionality.
Administrative controls by the contract owner.
Compliance with ERC-20 and OpenZeppelin standards.
Security considerations and potential vulnerabilities.

Audit Findings

Issue type- Low

1. **Solidtiy Version error:** Solidity latest version is considered unsafe for the the deployment, but due to Openzeplline dependency it must be above 8.19

Conclusion

The Myblacktoken contract demonstrates the ability to transfer tokens, manage blacklisted users, and has administrative controls. However, some aspects related to token purchase functionality need further review to ensure that it functions correctly. Overall, the contract adheres to ERC-20 standards and security considerations and is a valuable addition to decentralized applications. Further testing and review are recommended to ensure its functionality and security.