

# **Security Review of** karpatkey Token

April 15, 2024

# *karpatkey Token / April 2024*

## *Files in scope*

Following file: <https://github.com/karpatkey/kpk-token/blob/e7315cf16d477a4a0f5c75bc6fcde4c92486f878/src/contracts/karpatkeyToken.sol>

## *Current status*

All reported issues have been fixed by the developer.

## ssues

### 1. *approveTransfer* method is vulnerable to approval frontrunning attack

*type: security / severity: medium*

An attacker can frontrun a call to `approveTransfer` to spend the previous approval budget before the new one is set leading to higher total approved amount than intended.

*status - fixed*

The issue has been fixed and is no longer present in: <https://github.com/karpatkey/kpk-token/blob/12d3a4f8838d7dbd0c897b82b0f1e7b0c5730a97/src/contracts/karpatkeyToken.sol>