VDB-307391 · CVE-2025-4283 · GCVE-100-307391

SOURCECODESTER/ORETNOM23 STOCK MANAGEMENT SYSTEM 1.0 LOGIN.PHP?F=LOGIN USERNAME SQL INJECTION

CVSS Meta Temp Score	Current Exploit Price (≈)	CTI Interest Score
6.6	$0-$5k	1.27

A vulnerability was found in SourceCodester/oretnom23 Stock Management System 1.0 and classified as critical. This issue affects an unknown function of the file */classes/Login.php?f=login*. The manipulation of the argument `username` with an unknown input leads to a sql injection vulnerability. Using CWE to declare the problem leads to CWE-89. The product constructs all or part of an SQL command using externally-influenced input from an upstream component, but it does not neutralize or incorrectly neutralizes special elements that could modify the intended SQL command when it is sent to a downstream component. Impacted is confidentiality, integrity, and availability.

It is possible to read the advisory at github.com. The identification of this vulnerability is CVE-2025-4283. The exploitation is known to be easy. The attack may be initiated remotely. No form of authentication is needed for a successful exploitation. Technical details as well as a public exploit are known. The attack technique deployed by this issue is T1505 according to MITRE ATT&CK.

The exploit is available at github.com. It is declared as proof-of-concept.

There is no information about possible countermeasures known. It may be suggested to replace the affected object with an alternative product.

Entries connected to this vulnerability are available at VDB-303565, VDB-303634, VDB-303640 and VDB-305744.

Product

Vendor

- oretnom23
- SourceCodester

Name

- Stock Management System

Version

- 1.0

License

- free

CPE 2.3

- 🔒
- 🔒

CPE 2.2

- 🔒
- 🔒

CVSSv4

VulDB Vector: 🔒
VulDB Reliability: 🔍

CVSSv3

VulDB Meta Base Score: 7.3
VulDB Meta Temp Score: 6.6

VulDB Base Score: 7.3
VulDB Temp Score: 6.6
VulDB Vector: 🔒
VulDB Reliability: 🔍

CVSSv2

VulDB Base Score: 🔒
VulDB Temp Score: 🔒
VulDB Reliability: 🔍

Exploiting

Class: Sql injection
CWE: CWE-89 / CWE-74 / CWE-707
CAPEC: 🔒

ATT&CK: 🔒

Local: No
Remote: Yes

Availability: 🔒
Access: Public
Status: Proof-of-Concept
Download: 🔒
Price Prediction: 🔍
Current Price Estimation: 🔒

Threat Intelligence

Interest: 🔍
Active Actors: 🔍
Active APT Groups: 🔍

Countermeasures

Recommended: no mitigation known
Status: 🔍

0-Day Time: 🔒

Timeline

05/05/2025		Advisory disclosed
05/05/2025	+0 days	VulDB entry created
05/05/2025	+0 days	VulDB entry last update

Sources

Advisory: github.com
Status: Not defined

CVE: CVE-2025-4283 (🔒)
GCVE (CVE): GCVE-0-2025-4283
GCVE (VulDB): GCVE-100-307391
scip Labs: https://www.scip.ch/en/?labs.20161013
See also: 🔒

Entry

Created: 05/05/2025 01:38 PM
Changes: 05/05/2025 01:38 PM (55)
Complete: 🔍
Submitter: Th3W0lf
Cache ID: 5:D3E:101

Submit

Accepted

- Submit #563175: SourceCodester Stock Management System (SMS-PHP by oretnom23) 1.0 SQL Injection (by Th3W0lf)

Discussion

No comments yet. Languages: en.

Please log in to comment.