VDB-308282 · CVE-2025-4537 · GCVE-100-308282

YANGZONGZHUAN RUOYI-VUE UP TO 3.8.9 PASSWORD LOGIN.VUE SENSITIVE INFORMATION IN A COOKIE

A vulnerability was found in yangzongzhuan RuoYi-Vue up to 3.8.9 and classified as problematic. Affected by this issue is some unknown functionality of the file *ruoyi-ui/jsencrypt.js and ruoyi-ui/login.vue* of the component *Password Handler*. The manipulation with an unknown input leads to a cleartext storage of sensitive information in a cookie vulnerability. Using CWE to declare the problem leads to CWE-315. The product stores sensitive information in cleartext in a cookie. Impacted is confidentiality.

The advisory is available at magnificent-dill-351.notion.site. This vulnerability is handled as CVE-2025-4537. The exploitation is known to be difficult. The attack may be launched remotely. No form of authentication is required for exploitation. Successful exploitation requires user interaction by the victim. Technical details as well as a public exploit are known. This vulnerability is assigned to T1555 by the MITRE ATT&CK project.

The exploit is available at magnificent-dill-351.notion.site. 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.

The entries VDB-276673, VDB-278211, VDB-278319 and VDB-278471 are pretty similar.

Product

Vendor

- yangzongzhuan

Name

- RuoYi-Vue

Version

- 3.8.0
- 3.8.1
- 3.8.2
- 3.8.3
- 3.8.4
- 3.8.5
- 3.8.6
- 3.8.7
- 3.8.8
- 3.8.9

CPE 2.3

- 🔒
- 🔒
- 🔒

CPE 2.2

- 🔒
- 🔒
- 🔒

CVSSv4

VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA CVSS-B Score: 🔒
CNA CVSS-BT Score: 🔒
CNA Vector: 🔒

CVSSv3

VulDB Meta Base Score: 3.1
VulDB Meta Temp Score: 2.9

VulDB Base Score: 3.1
VulDB Temp Score: 2.8
VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA Base Score: 3.1
CNA Vector: 🔒

CVSSv2

VulDB Base Score: 🔒

VulDB Temp Score: 🔒
VulDB Reliability: 🔍

Exploiting

Class: Cleartext storage of sensitive information in a cookie
CWE: CWE-315 / CWE-312 / CWE-310
CAPEC: 🔒
ATT&CK: 🔒

Local: No
Remote: Yes

Availability: 🔒
Access: Public
Status: Proof-of-Concept
Download: 🔒

EPSS Score: 🔒
EPSS Percentile: 🔒

Price Prediction: 🔍
Current Price Estimation: 🔒

Threat Intelligence

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

Countermeasures

Recommended: no mitigation known
Status: 🔍

0-Day Time: 🔒

Timeline

05/10/2025		Advisory disclosed
05/10/2025	+0 days	VulDB entry created
05/11/2025	+1 days	VulDB entry last update

Sources

Advisory: magnificent-dill-351.notion.site
Status: Not defined

CVE: CVE-2025-4537 (🔒)
GCVE (CVE): GCVE-0-2025-4537
GCVE (VulDB): GCVE-100-308282
scip Labs: https://www.scip.ch/en/?labs.20161013
See also: 🔒

Entry

Created: 05/10/2025 08:12 AM
Updated: 05/11/2025 12:22 PM
Changes: 05/10/2025 08:12 AM (55), 05/11/2025 12:22 PM (30)
Complete: 🔍
Submitter: s0l42
Cache ID: 5:F1B:101

Submit

Accepted

- Submit #566469: RuoYi-Vue 3.8.9 Information Disclosure (by s0l42)

Discussion

No comments yet. Languages: en.

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