CVE-2022-21647

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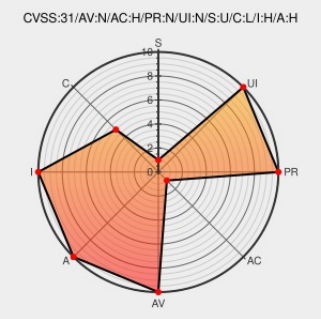
CVE-2022-21647 - advisory for GHSA-w6jr-wj64-mc9x

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Codeigniter from Codeigniter contain the following vulnerability:

CodeIgniter is an open source PHP full-stack web framework. Deserialization of Untrusted Data was found in the `old()` function in CodeIgniter4. Remote attackers may inject auto-loadable arbitrary objects with this vulnerability, and possibly execute existing PHP code on the server. We are aware of a working exploit, which can lead to SQL injection. Users are advised to upgrade to v4.1.6 or later. Users unable to upgrade as advised to not use the `old()` function and form_helper nor `RedirectResponse::withInput()` and `redirect()->withInput()`.

CVE-2022-21647 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **codeigniter4** - **CodeIgniter4** version **< 4.1.6**

CVSS3 Score: 9.8 - CRITICAL

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Merge pull request from GHSA-w6jr-wj64-mc9x · codeigniter4/CodeIgniter4@ce95ed5 · GitHub	github.com text/html	MISC github.com/codeigniter4/CodeIgniter4/commit/ce95ed5765256e2f09f3513e7d42790e0d6
Deserialization of Untrusted Data in Codeigniter4 · Advisory · codeigniter4/CodeIgniter4 · GitHub	github.com text/html	CONFIRM github.com/codeigniter4/CodeIgniter4/security/advisories/GHSA-w6jr-wj64

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Codeigniter	Codeigniter	All	All	All	All

cpe:2.3:a:codeigniter:codeigniter:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-21647 : CodeIgniter is an open source PHP full-stack web framework. Deserialization of Untrusted Data was… twitter.com/i/web/status/1…	2022-01-04 20:10:36
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2022-21647 Description: CodeIgniter is an open source PHP full-stack web fra… twitter.com/i/web/status/1…	2022-01-04 20:56:12

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