CVE-2022-4891

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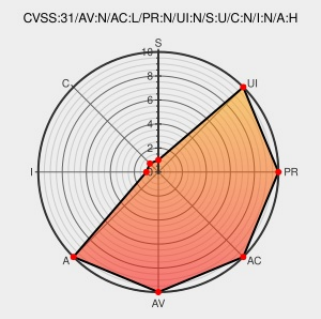
CVE-2022-4891

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



Certain versions of Sisimai from Libsisimai contain the following vulnerability:

A vulnerability has been found in Sisimai up to 4.25.14p11 and classified as problematic. This vulnerability affects the function to_plain of the file lib/sisimai/string.rb. The manipulation leads to inefficient regular expression complexity. The exploit has been disclosed to the public and may be used. Upgrading to version 4.25.14p12 is able to address this issue. The name of the patch is 51fe2e6521c9c02b421b383943dc9e4bbbe65d4e. It is recommended to upgrade the affected component. The identifier of this vulnerability is VDB-218452.

CVE-2022-4891 has been assigned by cna@vuldb.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
No Description Provided	gist.githubusercontent.com text/html	MISC gist.githubusercontent.com/gmcabrita/e5dc0332473fc2e3a7a407434c8d21c7/raw/00b12
Release v4.25.14p12 · sisimai/rb-sisimai · GitHub	github.com text/html	MISC github.com/sisimai/rb-sisimai/releases/tag/v4.25.14p12
	vuldb.com text/plain Inactive Link Not Archived	MISC vuldb.com/?id.218452

Prevent Regex Denial of Service in Sisimai::String.to_plain · sisimai/rb-sisimai@51fe2e6 · GitHub	github.com text/html	MISC github.com/sisimai/rb-sisimai/commit/51fe2e6521c9c02b421b383943dc9e4bb
	vuldb.com text/plain Inactive Link Not Archived	MISC vuldb.com/?ctiid.218452
Prevent Regex Denial of Service in Sisimai::String.to_plain by gmcabrita · Pull Request #244 · sisimai/rb-sisimai · GitHub	github.com text/html	MISC github.com/sisimai/rb-sisimai/pull/244

There are currently no QIDs associated with this CVE

Exploit/POC from Github

A vulnerability has been found in Sisimai up to 4.25.14p11 and classified as problematic. This vulnerability affects …

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libsisimai	Sisimai	All	All	All	All
Application	Libsisimai	Sisimai	4.25.14	-	All	All
Application	Libsisimai	Sisimai	4.25.14	p1	All	All
Application	Libsisimai	Sisimai	4.25.14	p10	All	All
Application	Libsisimai	Sisimai	4.25.14	p11	All	All
Application	Libsisimai	Sisimai	4.25.14	p3	All	All
Application	Libsisimai	Sisimai	4.25.14	p5	All	All
Application	Libsisimai	Sisimai	4.25.14	p6	All	All
Application	Libsisimai	Sisimai	4.25.14	p7	All	All
Application	Libsisimai	Sisimai	4.25.14	p8	All	All
Application	Libsisimai	Sisimai	4.25.14	p9	All	All

cpe:2.3:a:libsisimai:sisimai:*:*:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:-:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p1:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p10:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p11:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p3:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p5:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p6:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p7:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p8:*:*:*:*:*:*:

cpe:2.3:a:libsisimai:sisimai:4.25.14:p9:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
/r/netcve	CVE-2022-4891	2023-01-17 21:38:42

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