

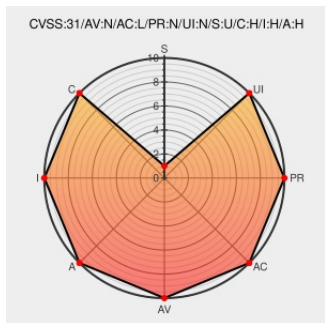


CVE-2020-29007

Published on: Not Yet Published

Last Modified on: 04/26/2023 04:13:00 PM UTC

CVE-2020-29007

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Score](#) from [Mediawiki](#) contain the following vulnerability:

The Score extension through 0.3.0 for MediaWiki has a remote code execution vulnerability due to improper sandboxing of the GNU LilyPond executable. This allows any user with an ability to edit articles (potentially including unauthenticated anonymous users) to execute arbitrary Scheme or shell code by using crafted {{Image data to generate musical scores containing malicious code.

CVE-2020-29007 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

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

CVE References

Description	Tags	Link
GitHub - seqred-s-a/cve-2020-29007: Remote code execution in Mediawiki Score	github.com text/html	MISC github.com/seqred-s-a/cve-2020-29007
Extension:Score - MediaWiki	www.mediawiki.org text/html	MISC www.mediawiki.org/wiki/Extension:Score
CVE-2020-29007 – remote code execution in Mediawiki Score SEQRED	seqred.pl text/html	MISC seqred.pl/en/cve-2020-29007-remote-code-execution-in-mediawiki-score/
Extension:Score/2021 security advisory - MediaWiki	www.mediawiki.org text/html	MISC www.mediawiki.org/wiki/Extension:Score/2021_security_advisory
Login	phabricator.wikimedia.org text/html	MISC phabricator.wikimedia.org/T257062

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Remote code execution in Mediawiki Score

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mediawiki	Score	All	All	All	All
cpe:2.3:a:mediawiki:score:*:*:*:*:mediawiki:*:*						

No vendor comments have been submitted for this CVE

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