

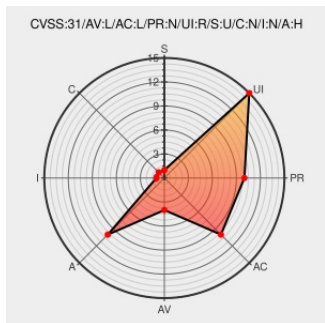


CVE-2020-24823

Published on: 08/04/2021 12:00:00 AM UTC

Last Modified on: 08/10/2021 08:01:00 PM UTC

CVE-2020-24823

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

Certain versions of [Libelfin](#) from [Libelfin Project](#) contain the following vulnerability:

A vulnerability in the dwarf::to_string function of Libelfin v0.3 allows attackers to cause a denial of service (DOS) through a segmentation fault via a crafted ELF file.

CVE-2020-24823 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
function_bugs/libelfin at master · xiaoxiongwang/function_bugs · GitHub	github.com text/html	MISC github.com/xiaoxiongwang/function_bugs/tree/master/libelfin#segv-in-function-dwarf::to_string-at-dwarfvalueecc300
SEGV in function dwarf::to_string at dwarf/value.cc:300	github.com	MISC github.com/aclements/libelfin/issues/51

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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	Libelfin Project	Libelfin	0.3	All	All	All
cpe:2.3:a:libelfin_project:libelfin:0.3:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-24823 : A vulnerability in the dwarf::to_string function of Libelfin v0.3 allows attackers to cause a deni... twitter.com/i/web/status/1...	2021-08-04 15:08:04
 @Velletron	CVE-2020-24823 ift.tt/3fvGhG3 #CVE #Vulnerability	2021-08-04 16:23:17

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