

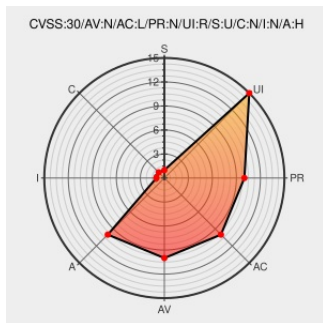


CVE-2017-12951

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CVE-2017-12951

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

Certain versions of [Libgig](#) from [Libgig0](#) contain the following vulnerability:

The `gig::DimensionRegion::CreateVelocityTable` function in `gig.cpp` in `libgig 4.0.0` allows remote attackers to cause a denial of service (stack-based buffer over-read and application crash) via a crafted `gig` file.

CVE-2017-12951 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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
libgig 4.0.0 (LinuxSampler) - Multiple Vulnerabilities - Linux dos Exploit	www.exploit-db.com Proof of Concept text/html	EXPLOIT-DB 42546
Full Disclosure: libgig-LinuxSampler multiple vulnerabilities	Mailing List	FULLDISC 20170822 libgig-LinuxSampler multiple

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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	Libgig0	Libgig	4.0.0	All	All	All
Application	Libgig0	Libgig	4.0.0	All	All	All
cpe:2.3:a:libgig0:libgig:4.0.0:*****:						
cpe:2.3:a:libgig0:libgig:4.0.0:*****:						

No vendor comments have been submitted for this CVE

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