



# CVE-2021-44917

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## Summary

<b>CVE</b>	CVE-2021-44917
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-12-21 20:15:00 UTC
<b>Updated</b>	2022-07-04 17:15:00 UTC
<b>Description</b>	A Divide by Zero vulnerability exists in gnuplot 5.4 in the boundary3d function in graph3d.c, which could cause a Arithmetic

## Risk And Classification

**Problem Types:** CWE-369

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnuplot	Gnuplot	5.4	All	All	All

## References

Reference	Source	Link	Tags
gnuplot / Bugs / #2474 divide-by-zero error in graph3d.c	MISC	<a href="#">sourceforge.net</a>	
gnuplot / Bugs / #2358 An arithmetic exception in boundary3d()	MISC	<a href="#">sourceforge.net</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

- 180075 Debian Security Update for gnuplot (CVE-2021-44917)
- 355403 Amazon Linux Security Advisory for gnuplot : ALAS2023-2023-202
- 671407 EulerOS Security Update for gnuplot (EulerOS-SA-2022-1322)
- 671684 EulerOS Security Update for gnuplot (EulerOS-SA-2022-1725)

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