



# CVE-2022-47010

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-47010
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-08-22 19:16:00 UTC
<b>Updated</b>	2023-08-26 02:14:00 UTC
<b>Description</b>	An issue was discovered function pr_function_type in prdbg.c in Binutils 2.34 thru 2.38, allows attackers to cause a denial of service (CPU consumption) via crafted ELF file.

## Risk And Classification

**Problem Types:** CWE-401

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Binutils	All	All	All	All

## References

Reference	Source	Link	Tags
29262 – A Potential Memory Leak Bug	MISC	<a href="https://sourceware.org">sourceware.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[199808](#) Ubuntu Security Notification for GNU binutils Vulnerabilities (USN-6413-1)

[200044](#) Ubuntu Security Notification for GNU binutils Vulnerabilities (USN-6581-1)

[673433](#) EulerOS Security Update for binutils (EulerOS-SA-2023-3001)

[673470](#) EulerOS Security Update for binutils (EulerOS-SA-2023-3200)

[673613](#) EulerOS Security Update for binutils (EulerOS-SA-2023-3024)

[673629](#) EulerOS Security Update for binutils (EulerOS-SA-2023-3165)

[673864](#) EulerOS Security Update for binutils (EulerOS-SA-2023-2891)

[673971](#) EulerOS Security Update for binutils (EulerOS-SA-2023-2872)

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