



CVE-2020-27194

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Summary

CVE	CVE-2020-27194
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-10-16 21:15:00 UTC
Updated	2022-06-28 14:11:00 UTC
Description	An issue was discovered in the Linux kernel before 5.8.15. scalar32_min_max_or in kernel/bpf/verifier.c mishandles bounds

Risk And Classification

Problem Types: CWE-681

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.8.15	MISC	cdn.kernel.org	Release Notes, Vendor Adv
bpf: Fix scalar32_min_max_or bounds tracking · torvalds/linux@5b9fbeb · GitHub	MISC	github.com	Patch, Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[900040](#) CBL-Mariner Linux Security Update for kernel 5.4.91

[903346](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3485)

[906018](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3485-1)

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