CVE-2021-20268

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Summary

CVE	CVE-2021-20268
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-09 18:15:00 UTC
Updated	2023-11-07 03:29:00 UTC
Description	An out-of-bounds access flaw was found in the Linux kernel's implementation of the eBPF code verifier in the way a user ru

Risk And Classification

Problem Types: CWE-190

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	Redhat	Enterprise Linux	8.0	All	All	All
Application	Redhat	Openshift Container Platform	4.4	All	All	All
Application	Redhat	Openshift Container Platform	4.5	All	All	All
Application	Redhat	Openshift Container Platform	4.6	All	All	All
Application	Redhat	Openshift Container Platform	4.7	All	All	All

References

Reference	Source	Link	Tags
1923816 – (CVE-2021-20268) CVE-2021-20268 kernel: eBPF Improper Input Validation	MISC	bugzilla.redhat.com	Issue Trackir
CVE-2021-20268 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com	
[PATCH] bpf: Fix integer overflow in argument calculation for bpf_map_area_alloc		lore.kernel.org	
[PATCH] bpf: Fix integer overflow in argument calculation for bpf_map_area_alloc	MISC	lore.kernel.org	Patch, Vend
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ar

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 180162 Debian Security Update for linux (CVE-2021-20268)
- 198326 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4910-1)
- 610418 Google Pixel Android June 2022 Security Patch Missing
- 610422 Google Android July 2022 Security Patch Missing for Huawei EMUI
- 750650 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1975-1)
- 750652 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1977-1)
- 750762 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1977-1)
- 750766 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1975-1)
- 900098 CBL-Mariner Linux Security Update for kernel 5.4.91
- 903038 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3987)