



CVE-2021-4159

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-4159
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-24 16:15:00 UTC
Updated	2022-10-06 15:30:00 UTC
Description	A vulnerability was found in the Linux kernel's EBPF verifier when handling internal data structures. Internal memory locatio

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.ke
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	acces
[SECURITY] [DLA 3131-1] linux security update	MLIST	lists.d
2036024 – (CVE-2021-4159) CVE-2021-4159 kernel: another kernel ptr leak vulnerability via BPF in coerce_reg_to_size	MISC	bugzi
CVE-2021-4159	MISC	secur
CVE Program record	CVE.ORG	www.
NVD vulnerability detail	NVD	nvd.n

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

180147 Debian Security Update for linux (CVE-2021-4159)
181091 Debian Security Update for linux (DLA 3131-1)
198980 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5668-1)
198987 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5677-1)
198990 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-5682-1)
199011 Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5706-1)
199090 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5790-1)
354071 Amazon Linux Security Advisory for kernel : ALAS-2022-1636
354075 Amazon Linux Security Advisory for kernel : ALAS2-2022-1852
354081 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-036
377766 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0049)
377871 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0001)
671441 EulerOS Security Update for kernel (EulerOS-SA-2022-1366)
671448 EulerOS Security Update for kernel (EulerOS-SA-2022-1450)
671474 EulerOS Security Update for kernel (EulerOS-SA-2022-1429)
671630 EulerOS Security Update for kernel (EulerOS-SA-2022-1647)
671631 EulerOS Security Update for kernel (EulerOS-SA-2022-1661)
751695 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0367-1)
751697 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0366-1)
751700 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2022:0363-1)
751701 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2022:0366-1)
751702 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0371-1)
751703 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0372-1)
753212 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0363-1)

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