CVE-2021-4028

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Summary

CVE	CVE-2021-4028
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-24 16:15:00 UTC
Updated	2023-02-10 16:18:00 UTC
Description	A flaw in the Linux kernel's implementation of RDMA communications manager listener code allowed an attacker with local

Risk And Classification

Problem Types: CWE-416

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	Suse	Linux Enterprise	15.0	sp3	All	All
Operating System	Suse	Linux Enterprise	15.0	sp4	All	All

References

Reference	Source
LKML: Greg Kroah-Hartman: [PATCH 5.10 22/93] RDMA/cma: Do not change route.addr.src_addr.ss_family	MISC
CVE-2021-4028 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFI
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
2027201 – (CVE-2021-4028) CVE-2021-4028 kernel: use-after-free in RDMA listen()	MISC
Bug 1193167 – VUL-0: CVE-2021-4028: kernel-source,kernel-source-rt,kernel-source-azure: kernel: use-after-free in RDMA listen()	MISC
CVE Program record	CVE.O
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159740 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1198)

159766 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1550)

180126 Debian Security Update for linux (CVE-2021-4028)

240094 Red Hat Update for kpatch-patch (RHSA-2022:0590)

240100 Red Hat Update for kernel (RHSA-2022:0636)

240101 Red Hat Update for kernel-rt (RHSA-2022:0629)

240120 Red Hat Update for kpatch-patch (RHSA-2022:0772)

240121 Red Hat Update for kernel-rt (RHSA-2022:0771)

240122 Red Hat Update for kernel security (RHSA-2022:0777)

240195 Red Hat Update for kpatch-patch (RHSA-2022:1185)

240199 Red Hat Update for kernel security (RHSA-2022:1198)

240200 Red Hat Update for kernel-rt (RHSA-2022:1199)

240237 Red Hat Update for kpatch-patch (RHSA-2022:1535)

240243 Red Hat Update for kernel-rt (RHSA-2022:1555)

240249 Red Hat Update for kernel (RHSA-2022:1550)

240418 Red Hat Update for kpatch-patch (RHSA-2022:0851)

240440 Red Hat Update for kernel (RHSA-2022:1324)

753118 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP3) (SUSE-SU-2022:0295-1)

753292 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 0 for SLE 15 SP3) (SUSE-SU-2022:0293-1)

753385 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 4 for SLE 15 SP3) (SUSE-SU-2022:0257-1)

753423 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 7 for SLE 15 SP3) (SUSE-SU-2022:0270-1)

940484 AlmaLinux Security Update for kernel (ALSA-2022:1550)