CVE-2021-3715

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Summary

CVE	CVE-2021-3715
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-02 23:15:00 UTC
Updated	2023-01-24 15:07:00 UTC
Description	A flaw was found in the "Routing decision" classifier in the Linux kernel's Traffic Control networking subsystem in the way it

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

References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
net_sched: cls_route: remove the right filter from hashtable · torvalds/linux@ef299cc · GitHub	MISC	github.com
1993988 – (CVE-2021-3715) CVE-2021-3715 kernel: use-after-free in route4_change() in net/sched/cls_route.c	MISC	bugzilla.redha
oss-security - CVE-2021-3715 Linux kernel: use-after-free in route4_change() in net/sched/cls_route.c	MISC	www.openwall
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159378 Oracle Enterprise Linux Security Update for kernel (ELSA-2021-3438)

159403 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9459)

179846 Debian Security Update for linux (CVE-2021-3715)

239612 Red Hat Update for kernel (RHSA-2021:3446)

239613 Red Hat Update for kernel-rt (RHSA-2021:3445)

239614 Red Hat Update for kernel (RHSA-2021:3444)

239615 Red Hat Update for kpatch-patch (RHSA-2021:3443)

239616 Red Hat Update for kpatch-patch (RHSA-2021:3442)

239617 Red Hat Update for kpatch-patch (RHSA-2021:3441)

239619 Red Hat Update for kernel-rt (RHSA-2021:3439)

239620 Red Hat Update for kernel (RHSA-2021:3438)

257115 CentOS Security Update for kernel (CESA-2021:3438)

390248 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0035)

610418 Google Pixel Android June 2022 Security Patch Missing

610422 Google Android July 2022 Security Patch Missing for Huawei EMUI

671051 EulerOS Security Update for kernel (EulerOS-SA-2021-2663)

751238 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 40 for SLE 12 SP3) (SUSE-SU-2021:3459-1)

751336 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1460-1)

751342 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3641-1)

751346 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3655-1)

751349 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1477-1)

751353 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3675-1)

751381 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3748-1)

751437 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)

751441 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)

751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

751476 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3972-1)

CVE.report and Source URL Uptime Status status.cve.report