CVE-2021-3743

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Summary

CVE	CVE-2021-3743
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-04 16:15:00 UTC
Updated	2023-11-09 14:44:00 UTC
Description	An out-of-bounds (OOB) memory read flaw was found in the Qualcomm IPC router protocol in the Linux kernel. A missing s

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Langu
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.14	rc6	All	All
Operating System	Linux	Linux Kernel	5.17	-	All	All
Operating System	Linux	Linux Kernel	5.17	rc1	All	All
Operating System	Linux	Linux Kernel	5.17	rc2	All	All
Operating System	Linux	Linux Kernel	5.17	rc3	All	All
Operating System	Linux	Linux Kernel	5.17	rc4	All	All
Operating System	Linux	Linux Kernel	5.17	rc5	All	All
Operating System	Linux	Linux Kernel	5.17	rc6	All	All
Hardware	Netapp	Baseboard Management Controller H300e	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H300e Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H300s	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H300s Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H410c	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H410c Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H410s	-	All	All	All

Operating System	Netapp	Baseboard Management Controller H410s Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H500e	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H500e Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H500s	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H500s Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H700e	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H700e Firmware	-	All	All	All
Hardware	Netapp	Baseboard Management Controller H700s	-	All	All	All
Operating System	Netapp	Baseboard Management Controller H700s Firmware	-	All	All	All
Hardware	Netapp	H300e	-	All	All	All
Operating System	Netapp	H300e Firmware	-	All	All	All
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500e	-	All	All	All
Operating System	Netapp	H500e Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700e	-	All	All	All
Operating System	Netapp	H700e Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All
Operating System	Netapp	H700s Firmware	-	All	All	All
Application	Oracle	Communications Cloud Native Core Binding Support Function	22.1.3	All	All	All
Application	Oracle	Communications Cloud Native Core Network Exposure Function	22.1.1	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	22.2.0	All	All	All

References

Reference	Source	Link
CVE-2021-3743 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp
oss-security - Re: Linux kernel: qrtr: another out-of-bound Read in qrtr_endpoint_post in net/qrtr/qrtr.c	MISC	www.openwall.
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.c
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org

1997961 – (CVE-2021-3743) CVE-2021-3743 kernel: out-of-bound Read in qrtr_endpoint_post in net/qrtr/qrtr.c	MISC	bugzilla.redhat.
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.c
net: qrtr: fix another OOB Read in qrtr_endpoint_post · torvalds/linux@7e78c59 · GitHub	MISC	github.com
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.c
kernel/git/netdev/net.git - Netdev Group's networking tree	MISC	git.kernel.org
netdev - Another out-of-bound Read in qrtr_endpoint_post in net/qrtr/qrtr.c	MISC	lists.openwall.n
Oracle Critical Patch Update Advisory - July 2022	N/A	www.oracle.cor
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

- 159421 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9474)
- 159422 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9475)
- 159825 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)
- 178809 Debian Security Update for linux (DSA 4978-1)
- 178844 Debian Security Update for linux-4.19 (DLA 2785-1)
- 179558 Debian Security Update for linux (CVE-2021-3743)
- 198540 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5113-1)
- 198542 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5115-1)
- 198543 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5117-1)
- 198562 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5136-1)
- 198563 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5137-1)
- 198565 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5137-2)
- 240275 Red Hat Update for kernel-rt (RHSA-2022:1975)
- 240298 Red Hat Update for kernel security (RHSA-2022:1988)
- 377181 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0022)
- 610418 Google Pixel Android June 2022 Security Patch Missing
- 610422 Google Android July 2022 Security Patch Missing for Huawei EMUI
- 671134 EulerOS Security Update for kernel (EulerOS-SA-2021-2688)

671137 EulerOS Security Update for kernel (EulerOS-SA-2021-2713)

751137 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1271-1)

751160 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3179-1)

751170 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3205-1)

901158 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (8921-1)

906366 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (8921-2)

940517 AlmaLinux Security Update for kernel (ALSA-2022:1988)