CVE-2019-19063

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Summary

CVE	CVE-2019-19063
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-11-18 06:15:00 UTC
Updated	2023-11-07 03:07:00 UTC
Description	Two memory leaks in the rtl_usb_probe() function in drivers/net/wireless/realtek/rtlwifi/usb.c in the Linux kernel through 5.3.

Risk And Classification

Problem Types: CWE-401

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Broadcom	Brocade Fabric Operating System Firmware	-	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Aff Baseboard Management Controller	-	All	All	All

Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	Data Availability Services	-	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.0	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.0.0	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.20	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.25	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.30	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.30.5r3	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.40	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.40.3r2	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.40.5	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.50.1	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.50.2	-	All	All
Application	Netapp	E-series Santricity Os Controller	11.50.2	p1	All	All
Application	Netapp	E-series Santricity Os Controller	11.60	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.60.0	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.60.1	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.60.3	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.70.1	All	All	All
Application	Netapp	E-series Santricity Os Controller	11.70.2	All	All	All
Application	Netapp	Fas/aff Baseboard Management Controller	-	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h610s	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Operating System	Netapp	Hci Compute Node Firmware	-	All	All	All
Application	Netapp	Solidfire Enterprise Sds Hci Storage Node	-	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Operating System	Netapp	Solidfire Baseboard Management Controller Firmware	-	All	All	All
Application	Netapp	Solidfire Hci Management Node	-	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Oracle	Sd-wan Edge	8.2	All	All	All

References

Reference	Source	Link

November 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2020-008-01)	BUGTRAQ	seclists.org
USN-4284-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 31 Update: kernel-5.3.12-300.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
USN-4287-2: Linux kernel (Azure) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 30 Update: kernel-5.3.12-200.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
USN-4254-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
USN-4285-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2019:2675-1: important: Security update	SUSE	lists.opensuse.org
USN-4254-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
rtlwifi: prevent memory leak in rtl_usb_probe · torvalds/linux@3f93616 · GitHub	MISC	github.com
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	MISC	packetstormsecurity.com
USN-4287-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 30 Update: kernel-5.3.12-200.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 31 Update: kernel-5.3.12-300.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Oracle Critical Patch Update Advisory - April 2021	MISC	www.oracle.com
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

- 159420 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9473)
- 159684 Oracle Enterprise Linux Security Update for kernel (ELSA-2020-4431)
- 390248 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0035)
- 940256 AlmaLinux Security Update for kernel (ALSA-2020:4431)