CVE-2020-8428

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Summary

CVE	CVE-2020-8428
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-01-29 00:15:00 UTC
Updated	2020-06-10 20:15:00 UTC
Description	fs/namei.c in the Linux kernel before 5.5 has a may_create_in_sticky use-after-free, which allows local users to cause a der

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	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
USN-4319-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
USN-4324-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
do_last(): fetch directory ->i_mode and ->i_uid before it's too late · torvalds/linux@d0cb501 · GitHub	MISC	github.com
[security-announce] openSUSE-SU-2020:0336-1: important: Security update	SUSE	lists.opensuse.org
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
USN-4318-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
Kernel Live Patch Security Notice LSN-0065-1 ≈ Packet Storm	MISC	packetstormsecurity.co
oss-security - Re: Linux kernel: user-triggerable read-after-free crash or 1-bit infoleak oracle in open(2)	MLIST	www.openwall.com
oss-security - Linux kernel: user-triggerable read-after-free crash or 1-bit infoleak oracle in open(2)	MISC	www.openwall.com
Debian -- Security Information -- DSA-4667-1 linux	DEBIAN	www.debian.org
[SECURITY] [DLA 2242-1] linux-4.9 security update	MLIST	lists.debian.org
USN-4325-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com

USN-4320-1: Linux kernel vulnerability | Ubuntu security notices	UBUNTU	usn.ubuntu.com
oss-security - Re: Linux kernel: user-triggerable read-after-free crash or 1-bit infoleak oracle in open(2)	MLIST	www.openwall.com
Debian -- Security Information -- DSA-4698-1 linux	DEBIAN	www.debian.org
February 2020 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.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

- 377065 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0113)
- 900078 CBL-Mariner Linux Security Update for kernel 5.4.91
- 902965 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3460)
- 906093 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3460-1)