CVE-2020-12826

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Summary

CVE	CVE-2020-12826
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-05-12 19:15:00 UTC
Updated	2021-07-15 19:16:00 UTC
Description	A signal access-control issue was discovered in the Linux kernel before 5.6.5, aka CID-7395ea4e65c2. Because exec_id in

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All
Operating System	Redhat	Enterprise Mrg	2.0	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All

References

Reference	Source
kernel-hardening - Curiosity around 'exec_id' and some problems associated with it	MISC
May 2020 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	CONFIR
USN-4391-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU
signal: Extend exec_id to 64bits · torvalds/linux@7395ea4 · GitHub	MISC
[SECURITY] [DLA 2241-2] linux security update	MLIST
USN-4369-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.6.5	MISC
1822077 – (CVE-2020-12826) CVE-2020-12826 kernel: possible to send arbitrary signals to a privileged (suidroot) parent process	CONFIR
linux-kernel - Curiosity around 'exec_id' and some problems associated with it	MISC
USN-4367-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU
[SECURITY] [DLA 2241-1] linux security update	MLIST
CVE Program record	CVE.OR
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159684 Oracle Enterprise Linux Security Update for kernel (ELSA-2020-4431)
- 352300 Amazon Linux Security Advisory for kernel: ALAC2012-2020-020
- 610324 Google Android March 2021 Security Patch Missing for Huawei EMUI
- 900076 CBL-Mariner Linux Security Update for kernel 5.4.91
- 903235 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3477)
- 906179 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3477-1)
- 940256 AlmaLinux Security Update for kernel (ALSA-2020:4431)