CVE-2020-12861

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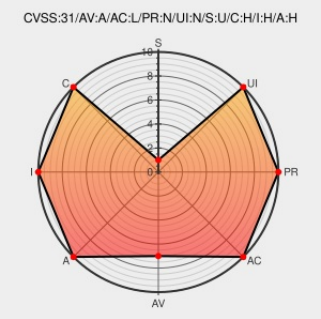
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

A heap buffer overflow in SANE Backends before 1.0.30 allows a malicious device connected to the same local network as the victim to execute arbitrary code, aka GHSL-2020-080.

CVE-2020-12861 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 7.9 - HIGH

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
GHSL-2020-075, GHSL-2020-079, GHSL-2020-080, GHSL-2020-081, GHSL-2020-082, GHSL-2020-083, GHSL-2020-084: Multiple vulnerabilities in SANE Backends (DoS, RCE) - GitHub Security Lab	Exploit Vendor Advisory web.archive.org text/html Inactive Link Not Archived	MISC securitylab.github.com/advisories/GHSL-2020-075-libsane

[security-announce] openSUSE-SU-2020:1791-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2020:1791
[sane-announce] SANE Backends 1.0.30 security bug fix release	Mailing List Patch Third Party Advisory alioth-lists.debian.net text/html	CONFIRM alioth-lists.debian.net/pipermail/sane-announce/2020/000041.html
SANE Backends Memory Corruption / Code Execution ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/172841/SANE-Backends-Memory-Corruption-Code-Execution.html
USN-4470-1: sane-backends vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4470-1
[security-announce] openSUSE-SU-2020:1798-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2020:1798

Related QID Numbers

501245 Alpine Linux Security Update for sane

671420 EulerOS Security Update for sane-backends (EulerOS-SA-2022-1362)

940152 AlmaLinux Security Update for sane-backends (ALSA-2020:2902)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	20.04	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Sane-project	Sane Backends	All	All	All	All
Operating System	Sane-project	Sane Backends	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:20.04:*:*:*:lts:*:*:*:

cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:*:*:

cpe:2.3:o:opensuse:leap:15.2:*:*:*:*:*:*:*:

cpe:2.3:o:sane-project:sane_backends:*:*:*:*:*:*:*:*:

cpe:2.3:o:sane-project:sane_backends:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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