CVE-2020-12867

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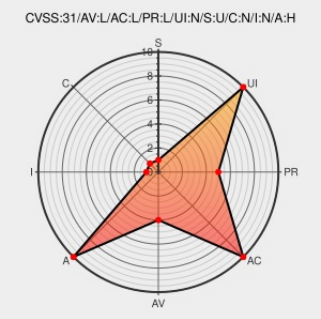
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

A NULL pointer dereference in sanei_epson_net_read in SANE Backends before 1.0.30 allows a malicious device connected to the same local network as the victim to cause a denial of service, aka GHSL-2020-075.

CVE-2020-12867 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 2.1 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

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	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:	lists.opensuse.org	SUSE openSUSE-SU-2020:1791

Security update	text/html	
[sane-announce] SANE Backends 1.0.30 security bug fix release	Mailing List Third Party Advisory alioth-lists.debian.net text/html	CONFIRM alioth-lists.debian.net/pipermail/sane-announce/2020/000041.html
[SECURITY] [DLA 2332-1] sane-backends security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20200817 [SECURITY] [DLA 2332-1] sane-backends security update
[SECURITY] Fedora 32 Update: mingw-sane-backends-1.0.30-1.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2020-b845771719
USN-4470-1: sane-backends vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4470-1
memory corruption bugs in libsane (#279) · Issues · sane-project / backends · GitLab	Third Party Advisory gitlab.com text/html	CONFIRM gitlab.com/sane-project/backends/-/issues/279#issue-1-ghsl-2020-075-null-pointer-dereference-in-sanei_epson_net_read
[SECURITY] [DLA 2332-2] sane-backends regression update	lists.debian.org text/html	MLIST [debian-lts-announce] 20201007 [SECURITY] [DLA 2332-2] sane-backends regression update
[security-announce] openSUSE-SU-2020:1798-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2020:1798

Related QID Numbers

159208 Oracle Enterprise Linux Security Update for sane-backends (ELSA-2021-1744)

239313 Red Hat Update for sane-backends (RHSA-2021:1744)

501245 Alpine Linux Security Update for sane

670228 EulerOS Security Update for sane-backends (EulerOS-SA-2021-1847)

671604 EulerOS Security Update for sane-backends (EulerOS-SA-2022-1587)

940310 AlmaLinux Security Update for sane-backends (ALSA-2021:1744)

960368 Rocky Linux Security Update for sane-backends (RLSA-2021:1744)

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	Debian	Debian Linux	9.0	All	All	All

System						
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Hardware	Sane-project	Sane Backends	-	All	All	All
Hardware	Sane-project	Sane Backends	-	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:debian:debian_linux:9.0:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:32:*:*:*:*:*:*:*:

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

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

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

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

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

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