CVE-2021-46848

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Summary

CVE	CVE-2021-46848
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-10-24 14:15:00 UTC
Updated	2023-11-07 03:40:00 UTC
Description	GNU Libtasn1 before 4.19.0 has an ETYPE_OK off-by-one array size check that affects asn1_encode_simple_der.

Risk And Classification

Problem Types: CWE-193

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Gnu	Libtasn1	All	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 3263-1] libtasn1-6 security update	MLIST	lists.debian.org
[SECURITY] Fedora 35 Update: mingw-libtasn1-4.19.0-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.o
[SECURITY] Fedora 36 Update: mingw-libtasn1-4.19.0-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.o
[SECURITY] Fedora 36 Update: libtasn1-4.19.0-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.o
[SECURITY] Fedora 37 Update: mingw-libtasn1-4.19.0-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.o
[SECURITY] Fedora 36 Update: mingw-libtasn1-4.19.0-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.o
[SECURITY] Fedora 35 Update: mingw-libtasn1-4.19.0-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.o
866237 – <dev-libs/libtasn1-4.19.0: Out of bounds read	MISC	bugs.gentoo.org
Fix ETYPE_OK off by one array size check. Closes: #32. (44a700d2) · Commits · gnutls / libtasn1 · GitLab	MISC	gitlab.com
[SECURITY] Fedora 36 Update: libtasn1-4.19.0-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.o

[SECURITY] Fedora 36 Update: libtasn1-4.19.0-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.o
Out-of-bound access in ETYPE_OK (#32) · Issues · gnutls / libtasn1 · GitLab	MISC	gitlab.com
[SECURITY] Fedora 37 Update: mingw-libtasn1-4.19.0-1.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.o
CVE-2021-46848 GNU Libtasn1 Vulnerability 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

- 160387 Oracle Enterprise Linux Security Update for libtasn1 (ELSA-2023-0116)
- 160428 Oracle Enterprise Linux Security Update for libtasn1 (ELSA-2023-0343)
- 181375 Debian Security Update for libtasn1-6 (CVE-2021-46848)
- 181462 Debian Security Update for libtasn1-6 (DLA 3263-1)
- 241050 Red Hat Update for libtasn1 (RHSA-2023:0116)
- 241100 Red Hat Update for libtasn1 (RHSA-2023:0343)
- 242850 Red Hat Update for libtasn1 (RHSA-2024:0427)
- 283307 Fedora Security Update for mingw (FEDORA-2022-061f857481)
- 283308 Fedora Security Update for mingw (FEDORA-2022-3c933ffaca)
- 283435 Fedora Security Update for mingw (FEDORA-2022-19056934a7)
- 283533 Fedora Security Update for libtasn1 (FEDORA-2022-3f9ee1ad91)
- 354659 Amazon Linux Security Advisory for libtasn1 : ALAS2-2023-1908
- 355413 Amazon Linux Security Advisory for libtasn1 : ALAS2023-2023-201
- 377957 Alibaba Cloud Linux Security Update for libtasn1 (ALINUX3-SA-2023:0014)
- 502610 Alpine Linux Security Update for libtasn1
- 502611 Alpine Linux Security Update for libtasn1
- 502738 Alpine Linux Security Update for libtasn1
- 505630 Alpine Linux Security Update for libtasn1
- 591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
- 672511 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1038)
- 672517 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1013)

672538 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1103)

672541 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1127)

672606 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1325)

672647 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1390)

672669 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-1362)

673089 EulerOS Security Update for libtasn1 (EulerOS-SA-2023-2156)

752729 SUSE Enterprise Linux Security Update for libtasn1 (SUSE-SU-2022:3784-1)

752747 SUSE Enterprise Linux Security Update for libtasn1 (SUSE-SU-2022:3817-1)

904344 Common Base Linux Mariner (CBL-Mariner) Security Update for libtasn1 (11333)

904350 Common Base Linux Mariner (CBL-Mariner) Security Update for libtasn1 (11318)

904364 Common Base Linux Mariner (CBL-Mariner) Security Update for libtasn1 (11318-1)

904389 Common Base Linux Mariner (CBL-Mariner) Security Update for libtasn1 (11333-1)

904941 Common Base Linux Mariner (CBL-Mariner) Security Update for gnutls (12341)

905176 Common Base Linux Mariner (CBL-Mariner) Security Update for gnutls (12489)

940876 AlmaLinux Security Update for libtasn1 (ALSA-2023:0116)

940895 AlmaLinux Security Update for libtasn1 (ALSA-2023:0343)

960519 Rocky Linux Security Update for libtasn1 (RLSA-2023:0116)

960629 Rocky Linux Security Update for libtasn1 (RLSA-2023:0343)