



CVE-2019-18224

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2019-18224
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-10-21 17:15:00 UTC
Updated	2023-11-07 03:06:00 UTC
Description	idn2_to_ascii_4i in lib/lookup.c in GNU libidn2 before 2.1.1 has a heap-based buffer overflow via a long domain string.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Libidn2	All	All	All	All
Application	Gnu	Libidn2	All	All	All	All

References

Reference	Source	Link
Debian -- Security Information -- DSA-4613-1 libidn2	DEBIAN	www.debian.org
12420 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail	MISC	bugs.chromium.org
GNU IDN Library 2: Multiple vulnerabilities (GLSA 202003-63) — Gentoo security	GENTOO	security.gentoo.org
[security-announce] openSUSE-SU-2019:2613-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] Fedora 29 Update: mingw-libidn2-2.2.0-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 30 Update: mingw-libidn2-2.2.0-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[security-announce] openSUSE-SU-2019:2611-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] Fedora 30 Update: mingw-libidn2-2.2.0-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
USN-4168-1: Libidn2 vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 29 Update: mingw-libidn2-2.2.0-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Comparing libidn2-2.1.0...libidn2-2.1.1 · libidn/libidn2 · GitHub	MISC	github.com
Bugtraq: [SECURITY] [DSA 4613-1] libidn2 security update	BUGTRAQ	seclists.org
idn2_to_ascii_4i(): Restrict output length to 63 - libidn/libidn2@c4d1558 · GitHub	MISC	github.com

libidn2_to_ascii_4(). Restrict output length to 63 · libidn/libidn2@e4d1938 · GitHub	MISC	github.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

- [296078](#) Oracle Solaris 11.4 Support Repository Update (SRU) 16.4.0 Missing (CPUOCT2019)
- [500299](#) Alpine Linux Security Update for libidn2
- [504066](#) Alpine Linux Security Update for libidn2
- [591406](#) Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)

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