



# CVE-2019-12290

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

## Summary

<b>CVE</b>	CVE-2019-12290
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-10-22 16:15:00 UTC
<b>Updated</b>	2023-11-07 03:03:00 UTC
<b>Description</b>	GNU libidn2 before 2.2.0 fails to perform the roundtrip checks specified in RFC3490 Section 4.2 when converting A-labels t

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Gnu</a>	<a href="#">Libidn2</a>	All	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Libidn2</a>	All	All	All	All

## References

Reference	Source	Link
Update NEWS for CVE-2019-12290 (614117ef) · Commits · libidn / libidn2 · GitLab	CONFIRM	<a href="#">gitlab.com</a>
[SECURITY] Fedora 29 Update: mingw-libidn2-2.3.0-1.fc29 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: libidn2-2.3.0-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
GNU IDN Library 2: Multiple vulnerabilities (GLSA 202003-63) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>
[SECURITY] Fedora 31 Update: mingw-libidn2-2.3.0-1.fc31 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[security-announce] openSUSE-SU-2019:2613-1: moderate: Security update f	SUSE	<a href="#">lists.opensuse.org</a>
Perform A-Label roundtrip for lookup functions by default (241e8f48) · Commits · libidn / libidn2 · GitLab	MISC	<a href="#">gitlab.com</a>
[security-announce] openSUSE-SU-2019:2611-1: moderate: Security update f	SUSE	<a href="#">lists.opensuse.org</a>
[SECURITY] Fedora 30 Update: mingw-libidn2-2.3.0-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 30 Update: mingw-libidn2-2.3.0-1.fc30 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 30 Update: libidn2-2.3.0-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
USN-4168-1: Libidn2 vulnerabilities   Ubuntu security notices	UBUNTU	<a href="#">usn.ubuntu.com</a>

[SECURITY] Fedora 31 Update: mingw-libidn2-2.3.0-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 30 Update: libidn2-2.3.0-1.fc30 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: libidn2-2.3.0-1.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Perform A-Label roundtrip for lookup functions by default (!71) · Merge Requests · libidn / libidn2 · GitLab	MISC	<a href="https://gitlab.com">gitlab.com</a>
[SECURITY] Fedora 29 Update: mingw-libidn2-2.3.0-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

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)
- [500300](#) Alpine Linux Security Update for libidn2
- [504067](#) 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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