



CVE-2022-30295

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2022-30295 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-05-06 05:15:00 UTC |
| Updated | 2023-08-08 14:22:00 UTC |
| Description | uClibc-ng through 1.0.40 and uClibc through 0.9.33.2 use predictable DNS transaction IDs that may lead to DNS cache poi |

Risk And Classification

Problem Types: CWE-330

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|-------------------|-----------|---------|--------|---------|----------|
| Application | Uclibc | Uclibc | All | All | All | All |
| Application | Uclibc-ng Project | Uclibc-ng | All | All | All | All |

References

| Reference | Source | Link |
|---|---------|--|
| Nozomi Networks Discovers Unpatched DNS Bug in Popular C Standard Library Putting IoT at Risk | MISC | www.nozominetworks.com |
| VU#473698 - uClibc, uClibc-ng libraries have monotonically increasing DNS transaction ID | CERT-VN | www.kb.cert.org |
| 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

[901575](#) Common Base Linux Mariner (CBL-Mariner) Security Update for uclibc-ng (9709)

[901667](#) Common Base Linux Mariner (CBL-Mariner) Security Update for uclibc-ng (9702)

[902386](#) Common Base Linux Mariner (CBL-Mariner) Security Update for uclibc-ng (9702-1)

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