



CVE-2020-22217

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-22217
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-22 19:16:00 UTC
Updated	2023-10-30 17:47:00 UTC
Description	Buffer overflow vulnerability in c-ares before 1_16_1 thru 1_17_0 via function ares_parse_soa_reply in ares_parse_soa_re

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	C-ares	C-ares	1.16.1	All	All	All
Application	C-ares	C-ares	1.17.0	All	All	All
Application	C-ares	C-ares	1.70.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3567-1] c-ares security update	MLIST	lists.debian.org	
read-heap-buffer-overflow in ares_parse_soa_reply() · Issue #333 · c-ares/c-ares · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161189](#) Oracle Enterprise Linux Security Update for c-ares (ELSA-2023-7207)

[199761](#) Ubuntu Security Notification for c-ares Vulnerability (USN-6376-1)

242447 Red Hat Update for c-ares (RHSA-2023:7207)
242750 Red Hat Update for c-ares (RHSA-2024:0419)
242802 Red Hat Update for c-ares (RHSA-2024:0578)
6000147 Debian Security Update for c-ares (DLA 3567-1)
754881 SUSE Enterprise Linux Security Update for libcares2 (SUSE-SU-2023:3690-1)
907722 Common Base Linux Mariner (CBL-Mariner) Security Update for python-gevent (28597-1)
941455 AlmaLinux Security Update for c-ares (ALSA-2023:7207)
961083 Rocky Linux Security Update for c-ares (RLSA-2023:7207)

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