CVE-2023-31130

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Summary

CVE	CVE-2023-31130
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-05-25 22:15:00 UTC
Updated	2023-10-31 16:06:00 UTC
Description	c-ares is an asynchronous resolver library. ares_inet_net_pton() is vulnerable to a buffer underflow for certain ipv6 addresse

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	C-ares Project	C-ares	All	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] Fedora 38 Update: c-ares-1.19.1-1.fc38 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org	
Release 1.19.1 · c-ares/c-ares · GitHub	MISC	github.com	
[SECURITY] [DLA 3471-1] c-ares security update	MISC	lists.debian.org	
c-ares: Multiple Vulnerabilities (GLSA 202310-09) — Gentoo security	MISC	security.gentoo.org	
Debian -- Security Information -- DSA-5419-1 c-ares	MISC	www.debian.org	
Buffer Underwrite in ares_inet_net_pton() · Advisory · c-ares/c-ares · GitHub	MISC	github.com	
[SECURITY] Fedora 37 Update: c-ares-1.19.1-1.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	cano
NVD vulnerability detail	NVD	nvd.nist.gov	cano

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160732 Oracle Enterprise Linux Security Update for nodejs (ELSA-2023-3586)

160740 Oracle Enterprise Linux Security Update for 18 (ELSA-2023-3577)

160788 Oracle Enterprise Linux Security Update for nodejs:16 (ELSA-2023-4034)

160794 Oracle Enterprise Linux Security Update for nodejs:18 (ELSA-2023-4035)

161099 Oracle Enterprise Linux Security Update for c-ares (ELSA-2023-6635)

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

181829 Debian Security Update for c-ares (DSA 5419-1)

184880 Debian Security Update for c-ares (CVE-2023-31130)

199418 Ubuntu Security Notification for c-ares Vulnerabilities (USN-6164-1)

241702 Red Hat Update for nodejs:18 (RHSA-2023:3577)

241724 Red Hat Update for nodejs (RHSA-2023:3586)

241786 Red Hat Update for rh-nodejs14-nodejs (RHSA-2023:4039)

241787 Red Hat Update for nodejs (RHSA-2023:4036)

241788 Red Hat Update for nodejs:18 (RHSA-2023:4035)

241790 Red Hat Update for nodejs:16 (RHSA-2023:4033)

241792 Red Hat Update for nodejs:16 (RHSA-2023:4034)

242322 Red Hat Update for c-ares security (RHSA-2023:6635)

242447 Red Hat Update for c-ares (RHSA-2023:7207)

242524 Red Hat Update for c-ares (RHSA-2023:7543)

242613 Red Hat Update for c-ares (RHSA-2023:7392)

284001 Fedora Security Update for c (FEDORA-2023-ae97529c00)

284101 Fedora Security Update for c (FEDORA-2023-520848815b)

355414 Amazon Linux Security Advisory for c-ares : ALAS2023-2023-198

356117 Amazon Linux Security Advisory for ecs-service-connect-agent : ALAS2023-2023-344

356246 Amazon Linux Security Advisory for ecs-service-connect-agent : ALASECS-2023-007

356504 Amazon Linux Security Advisory for ecs-service-connect-agent : ALAS2ECS-2023-007

6000134 Debian Security Update for c-ares (DLA 3471-1)

673270 EulerOS Security Update for c-ares (EulerOS-SA-2023-2575)

673319 EulerOS Security Update for c-ares (EulerOS-SA-2023-2605)

673368 EulerOS Security Update for c-ares (EulerOS-SA-2023-2634)

673401 EulerOS Security Update for c-ares (EulerOS-SA-2023-2676)

673706 EulerOS Security Update for c-ares (EulerOS-SA-2023-3115)

673890 EulerOS Security Update for c-ares (EulerOS-SA-2023-2780)

674117 EulerOS Security Update for c-ares (EulerOS-SA-2023-2804)

710769 Gentoo Linux c-ares Multiple Vulnerabilities (GLSA 202310-09)

754046 SUSE Enterprise Linux Security Update for c-ares (SUSE-SU-2023:2313-1)

754083 SUSE Enterprise Linux Security Update for libcares2 (SUSE-SU-2023:2477-1)

754181 SUSE Enterprise Linux Security Update for nodejs16 (SUSE-SU-2023:2861-1)

906990 Common Base Linux Mariner (CBL-Mariner) Security Update for c-ares (26914-1)

907013 Common Base Linux Mariner (CBL-Mariner) Security Update for c-ares (26892-1)

907091 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs (26938-1)

907299 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs18 (26940-1)

907580 Common Base Linux Mariner (CBL-Mariner) Security Update for fluent-bit (26917-1)

941145 AlmaLinux Security Update for nodejs (ALSA-2023:3586)

941153 AlmaLinux Security Update for nodejs:18 (ALSA-2023:3577)

941168 AlmaLinux Security Update for nodejs:16 (ALSA-2023:4034)

941169 AlmaLinux Security Update for nodejs:18 (ALSA-2023:4035)

941381 AlmaLinux Security Update for c-ares (ALSA-2023:6635)

941455 AlmaLinux Security Update for c-ares (ALSA-2023:7207)

960945 Rocky Linux Security Update for nodejs:18 (RLSA-2023:3577)

961083 Rocky Linux Security Update for c-ares (RLSA-2023:7207)

CVE.report and Source URL Uptime Status status.cve.report