CVE-2023-31147

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Summary

CVE	CVE-2023-31147
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. When /dev/urandom or RtlGenRandom() are unavailable, c-ares uses rand() to g

Risk And Classification

Problem Types: CWE-330

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	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All

References

Reference	Source	Link	Tags
Insufficient randomness in generation of DNS query IDs · Advisory · c-ares/c-ares · GitHub	MISC	github.com	
[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	
c-ares: Multiple Vulnerabilities (GLSA 202310-09) — Gentoo security	MISC	security.gentoo.org	
[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)

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)

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

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

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

673489 EulerOS Security Update for c-ares (EulerOS-SA-2023-2828)

673513 EulerOS Security Update for c-ares (EulerOS-SA-2023-2833)

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)

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)

906992 Common Base Linux Mariner (CBL-Mariner) Security Update for c-ares (26869-1)

907007 Common Base Linux Mariner (CBL-Mariner) Security Update for c-ares (26847-1)

907092 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs (26874-1)

907312 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs18 (26875-1)

907544 Common Base Linux Mariner (CBL-Mariner) Security Update for fluent-bit (26870-1)

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)

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