



CVE-2021-22918

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

Summary

CVE	CVE-2021-22918
State	PUBLIC
Assigner	support@hackerone.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-07-12 11:15:00 UTC
Updated	2024-01-16 13:15:00 UTC
Description	Node.js before 16.4.1, 14.17.2, 12.22.2 is vulnerable to an out-of-bounds read when uv__idna_toascii() is used to convert s

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nodejs	Node.js	All	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Application	Siemens	Sinec Infrastructure Network Services	All	All	All	All

References

Reference	Source	Link	Tags
July 2021 Node.js Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
libuv: Buffer Overread (GLSA 202401-23) — Gentoo security		security.gentoo.org	
July 2021 Security Releases Node.js	MISC	nodejs.org	
cert-portal.siemens.com/productcert/pdf/ssa-389290.pdf	CONFIRM	cert-portal.siemens.com	
HackerOne	MISC	hackerone.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

159331 Oracle Enterprise Linux Security Update for libuv (ELSA-2021-3075)
159345 Oracle Enterprise Linux Security Update for nodejs:12 (ELSA-2021-3073)
159346 Oracle Enterprise Linux Security Update for nodejs:14 (ELSA-2021-3074)
178697 Debian Security Update for libuv1 (DSA 4936-1)
180501 Debian Security Update for libuv1 (CVE-2021-22918)
198428 Ubuntu Security Notification for libuv vulnerability (USN-5007-1)
239531 Red Hat Update for rh-nodejs14-nodejs and rh-nodejs14-nodejs-nodemon (RHSA-2021:2932)
239532 Red Hat Update for rh-nodejs12-nodejs and rh-nodejs12-nodejs-nodemon (RHSA-2021:2931)
239546 Red Hat Update for libuv (RHSA-2021:3075)
239547 Red Hat Update for nodejs:14 (RHSA-2021:3074)
239548 Red Hat Update for nodejs:12 (RHSA-2021:3073)
239654 Red Hat Update for nodejs:12 (RHSA-2021:3639)
239655 Red Hat Update for nodejs:12 (RHSA-2021:3638)
375691 Node.js Multiple Vulnerabilities July 2021
377329 Alibaba Cloud Linux Security Update for nodejs:14 (ALINUX3-SA-2021:0056)
377415 Alibaba Cloud Linux Security Update for libuv (ALINUX3-SA-2022:0099)
500442 Alpine Linux Security Update for nodejs
501451 Alpine Linux Security Update for nodejs
690034 Free Berkeley Software Distribution (FreeBSD) Security Update for node.js (c174118e-1b11-11ec-9d9d-0022489ad614)
710841 Gentoo Linux libuv Buffer Overread Vulnerability (GLSA 202401-23)
750833 OpenSUSE Security Update for nodejs12 (openSUSE-SU-2021:2327-1)
750837 SUSE Enterprise Linux Security Update for nodejs10 (SUSE-SU-2021:2353-1)
750840 OpenSUSE Security Update for nodejs10 (openSUSE-SU-2021:2353-1)
750841 OpenSUSE Security Update for nodejs14 (openSUSE-SU-2021:2354-1)
750857 OpenSUSE Security Update for nodejs14 (openSUSE-SU-2021:1060-1)
750858 OpenSUSE Security Update for nodejs10 (openSUSE-SU-2021:1061-1)
750859 OpenSUSE Security Update for nodejs12 (openSUSE-SU-2021:1059-1)
900253 CBL-Mariner Linux Security Update for nodejs 14.17.0
900248 CBL-Mariner Linux Security Update for nodejs 14.17.0

903648 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs (4434)
940245 AlmaLinux Security Update for nodejs:14 (ALSA-2021:3074)
940359 AlmaLinux Security Update for libuv (ALSA-2021:3075)
940398 AlmaLinux Security Update for nodejs:12 (ALSA-2021:3073)
960199 Rocky Linux Security Update for libuv (RLSA-2021:3075)

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