CVE-2021-3420

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2021-3420
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-05 21:15:00 UTC
Updated	2023-11-07 03:37:00 UTC
Description	A flaw was found in newlib in versions prior to 4.0.0. Improper overflow validation in the memory allocation functions mEMA

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Newlib Project	Newlib	All	All	All	All
Application	Newlib Project	Newlib	All	All	All	All

References

Reference
[SECURITY] Fedora 32 Update: arm-none-eabi-newlib-4.1.0-1.fc32 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 32 Update: arm-none-eabi-newlib-4.1.0-1.fc32 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: arm-none-eabi-newlib-4.1.0-1.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: arm-none-eabi-newlib-4.1.0-1.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: arm-none-eabi-newlib-4.1.0-1.fc33 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: arm-none-eabi-newlib-4.1.0-1.fc33 - package-announce - Fedora Mailing-Lists
1934088 – (CVE-2021-3420) CVE-2021-3420 newlib: improper validation in memory allocation functions could lead to heap-based buffer over
CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

180040 Debian Security Update for picolibc (CVE-2021-3420)

281555 Fedora Security Update for arm (FEDORA-2021-267c08cc40)

281556 Fedora Security Update for arm (FEDORA-2021-0fa2f42d3c)

281557 Fedora Security Update for arm (FEDORA-2021-332fb9c796)

501883 Alpine Linux Security Update for newlib

505089 Alpine Linux Security Update for newlib

Free CVE JSON API cve.report/api

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