CVE-2006-1902

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

Summary

CVE	CVE-2006-1902
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2006-04-20 10:02:00 UTC
Updated	2025-04-03 01:03:51 UTC
Description	fold_binary in fold-const.c in GNU Compiler Collection (gcc) 4.1 improperly handles pointer overflow when folding a certain

Risk And Classification

Primary CVSS: v2.0 2.1 from nvd@nist.gov

AV:L/AC:L/Au:N/C:N/I:P/A:N

EPSS: 0.000940000 probability, percentile 0.260310000 (date 2026-04-20)

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

None

AV:L/AC:L/Au:N/C:N/I:P/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language

Application	Gnu	Gcc	4.1	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Li
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	ww
pinskia at gcc dot g - [Bug middle-end/27180] pointer arithmetic overflow handling broken	af854a3a-2127-422b-91ae-364da2661108	gc
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	ww
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	ww
#356896 - [PR 26763, 4.1 regression] gcc-4.1 miscompiles apcalc - Debian Bug report logs	af854a3a-2127-422b-91ae-364da2661108	bu
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	ww
404 Not Found	af854a3a-2127-422b-91ae-364da2661108	gc
26763 – [4.1/4.2 Regression] wrong final value of induction variable calculated	af854a3a-2127-422b-91ae-364da2661108	gc
felix-gcc at fefe do - [Bug c/27180] New: pointer arithmetic overflow handling broken	af854a3a-2127-422b-91ae-364da2661108	gc
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nv

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.