CVE-2017-7610

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

Summary

CVE	CVE-2017-7610
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-09 14:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The check_group function in elflint.c in elfutils 0.168 allows remote attackers to cause a denial of service (heap-based buffe

Risk And Classification

Primary CVSS: v3.0 5.5 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Elfutils Project	Elfutils	0.168	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source	Link
elfutils: Multiple vulnerabilities (GLSA 201710-10) — Gentoo security	af854a3a-2127-422b-91ae-364da2661108	security.gentoo
[security-announce] openSUSE-SU-2019:1590-1: moderate: Security update f	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse.c
USN-3670-1: elfutils vulnerabilities | Ubuntu security notices | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	usn.ubuntu.com
[SECURITY] [DLA 1689-1] elfutils security update	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
elfutils: heap-based buffer overflow in check_group (elflint.c) | agostino's blog	af854a3a-2127-422b-91ae-364da2661108	blogs.gentoo.or
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710326 Gentoo Linux elfutils Multiple Vulnerabilities (GLSA 201710-10)

752414 SUSE Enterprise Linux Security Update for dwarves and elfutils (SUSE-SU-2022:2614-1)

Free CVE JSON API cve.report/api

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