



CVE-2017-7609

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2017-7609
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	elf_compress.c in elfutils 0.168 does not validate the zlib compression factor, which allows remote attackers to cause a den

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-20 | 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
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
[security-announce] openSUSE-SU-2019:1590-1: moderate: Security update f	af854a3a-2127-422b-91ae-364da2661108	list
USN-3670-1: elfutils vulnerabilities Ubuntu security notices Ubuntu	af854a3a-2127-422b-91ae-364da2661108	usn
elfutils: memory allocation failure in __libelf_decompress (elf_compress.c) agostino's blog	af854a3a-2127-422b-91ae-364da2661108	blog
CVE Program record	CVE.ORG	wiki
NVD vulnerability detail	NVD	nvd

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)

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