CVE-2015-4645

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

Summary

CVE	CVE-2015-4645
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-03-17 14:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Integer overflow in the read_fragment_table_4 function in unsquash-4.c in Squashfs and sasquatch allows remote attackers

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

Problem Types: CWE-190 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/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 v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/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	Fedoraproject	Fedora	21	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Application	Squashfs Project	Squashfs	All	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
[SECURITY] Fedora 22 Update: squashfs-tools-4.3-11.fc22	af854a3a-21
SQUASHFS: Multiple vulnerabilities (GLSA 201701-73) — Gentoo security	af854a3a-21
[SECURITY] Fedora 21 Update: squashfs-tools-4.3-11.fc21	af854a3a-21
read_fragment_table_n: Fix recommendation for stack overflow. by gcanalesb · Pull Request #5 · devttys0/sasquatch · GitHub	af854a3a-21
Squashfs and sasquatch 'read_fragment_table_4' Multiple Stack Buffer Overflow Vulnerabilities	af854a3a-21
1234886 – (CVE-2015-4645) CVE-2015-4645 squashfs-tools: integer overflow in read_fragment_table_4	af854a3a-21
unsquashfs-4: Add more sanity checks + fix CVE-2015-4645/6 · plougher/squashfs-tools@f95864a · GitHub	af854a3a-21
CVE Program record	CVE.ORG

NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

355609 Amazon Linux Security Advisory for squashfs-tools : ALAS2-2023-2152

690214 Free Berkeley Software Distribution (FreeBSD) Security Update for squashfs-tools (317487c6-85ca-11eb-80fa-14dae938ec40)

710342 Gentoo Linux SQUASHFS Multiple Vulnerabilities (GLSA 201701-73)

755254 SUSE Enterprise Linux Security Update for squashfs (SUSE-SU-2023:4424-1)

900250 CBL-Mariner Linux Security Update for squashfs-tools 4.3

900894 Common Base Linux Mariner (CBL-Mariner) Security Update for squashfs-tools (6884-1)

903294 Common Base Linux Mariner (CBL-Mariner) Security Update for squashfs-tools (4694)