



CVE-2016-9685

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2016-9685
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-28 07:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Multiple memory leaks in error paths in fs/xfs/xfs_attr_list.c in the Linux kernel before 4.5.1 allow local users 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:L/UI:N/S:U/C:N/I:N/A:H

EPSS: 0.000650000 probability, percentile 0.199440000 (date 2026-05-09)

Problem Types: CWE-400 | 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:L/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.9		AV:L/AC:L/Au:N/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	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	Link
oss-security - cve-request: linux kernel - memory leak in xfs attribute mechanism.	af854a3a-2127-422b-91ae-364da2661108	www
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	acce
xfs: fix two memory leaks in xfs_attr_list.c error paths · torvalds/linux@2e83b79 · GitHub	af854a3a-2127-422b-91ae-364da2661108	githu
Linux Kernel CVE-2016-9685 Multiple Local Denial of Service Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	www
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.1	af854a3a-2127-422b-91ae-364da2661108	www
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.ke
Bug 1396941 – CVE-2016-9685 kernel: Memory leaks in xfs_attr_list.c error paths	af854a3a-2127-422b-91ae-364da2661108	bugz
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	acce
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	acce

Find that Customer's data	www.cve.org	www.cve.org
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

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