CVE-2016-6213

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

Summary

CVE	CVE-2016-6213
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	fs/namespace.c in the Linux kernel before 4.9 does not restrict how many mounts may exist in a mount namespace, which

Risk And Classification

Primary CVSS: v3.0 4.7 MEDIUM from nvd@nist.gov

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

EPSS: 0.000390000 probability, percentile 0.117650000 (date 2026-05-11)

Problem Types: CWE-400 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	4.7	MEDIUM	CVSS:3.0/AV:L/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.7		AV:L/AC:M/Au:N/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:M/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
oss-security - Re: cve request: local DoS by overflowing kernel mount table using shared bind mount	af854a3a-2127-422b-91ae-364da2661
mnt: Add a per mount namespace limit on the number of mounts · torvalds/linux@d292168 · GitHub	af854a3a-2127-422b-91ae-364da2661
Linux Kernel CVE-2016-6213 Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661
Bug 1356471 – CVE-2016-6213 kernel: Overflowing kernel mount table using shared bind mount	af854a3a-2127-422b-91ae-364da2661
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

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