CVE-2016-1237

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

Summary

CVE	CVE-2016-1237
State	PUBLISHED
Assigner	debian
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-06-29 14:10:01 UTC
Updated	2026-05-06 22:30:45 UTC
Description	nfsd in the Linux kernel through 4.6.3 allows local users to bypass intended file-permission restrictions by setting a POSIX A

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:H/I:N/A:N

Problem Types: CWE-284 | 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:H/I:N/A:N
2.0	nvd@nist.gov	Primary	4.9		AV:L/AC:L/Au:N/C:C/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

None

Availability

None

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

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
USN-3070-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
Linux Kernel CVE-2016-1237 Security Bypass Vulnerability	af854a3a-2127-422b-91ae-364da2
USN-3053-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
nfsd: check permissions when setting ACLs · torvalds/linux@9996537 · GitHub	af854a3a-2127-422b-91ae-364da2
USN-3070-2: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
Debian -- Security Information -- DSA-3607-1 linux	af854a3a-2127-422b-91ae-364da2
oss-security - Linux CVE-2016-1237: nfsd: any user can set a file's ACL over NFS and grant access to it	af854a3a-2127-422b-91ae-364da2
1350845 – (CVE-2016-1237) CVE-2016-1237 kernel: Missing check for permissions when setting ACL	af854a3a-2127-422b-91ae-364da2
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2
USN-3070-3: Linux kernel (Qualcomm Snapdragon) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2

USN-3070-4: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
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.