CVE-2012-0056

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

Summary

CVE	CVE-2012-0056
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-01-27 15:55:04 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The mem_write function in the Linux kernel before 3.2.2, when ASLR is disabled, does not properly check permissions whe

Risk And Classification

Primary CVSS: v2.0 6.9 from nvd@nist.gov

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

Problem Types: CWE-264 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:M/Au:N/C:C/I:C/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: kernel: proc: clean up and fix /proc/<pid>/mem handling	af854a3a-2127-422b-91ae-364da
About Secunia Research | Flexera	af854a3a-2127-422b-91ae-364da
oss-security - CVE request: kernel: proc: clean up and fix /proc/<pid>/mem handling	af854a3a-2127-422b-91ae-364da
Linux Kernel CVE-2012-0056 Local Privilege Escalation Vulnerability	af854a3a-2127-422b-91ae-364da
Bug 782642 – CVE-2012-0056 kernel: proc: /proc/<pid>/mem mem_write insufficient permission checking	af854a3a-2127-422b-91ae-364da
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.2.2	af854a3a-2127-422b-91ae-364da
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da
VU#470151 - Linux Kernel local privilege escalation via SUID /proc/pid/mem write	af854a3a-2127-422b-91ae-364da
Support	af854a3a-2127-422b-91ae-364da
oss-security - Re: CVE request: kernel: proc: clean up and fix /proc/<pid>/mem handling	af854a3a-2127-422b-91ae-364da
Linux Local Privilege Escalation via SUID /proc/pid/mem Write | Nerdling Sapple	af854a3a-2127-422b-91ae-364da
oss-security - Re: CVE request: kernel: proc: clean up and fix /proc/<pid>/mem handling	af854a3a-2127-422b-91ae-364da
USN-1336-1: Linux kernel vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364da
Support	af854a3a-2127-422b-91ae-364da
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
access.redhat.com | CVE-2012-0056	MITRE
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**