CVE-2011-1020

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

Summary

CVE	CVE-2011-1020
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-02-28 16:00:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The proc filesystem implementation in the Linux kernel 2.6.37 and earlier does not restrict access to the /proc directory tree

Risk And Classification

Primary CVSS: v2.0 4.6 from nvd@nist.gov

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

Problem Types: CWE-200 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

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	Li
oss-security - Re: CVE request: kernel: /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	op
LKML: Kees Cook: Re: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
Interact with SUID binaries using /proc interface	af854a3a-2127-422b-91ae-364da2661108	ww
oss-security - CVE request: kernel: /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	op
LKML: James Morris: Re: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
Linux Kernel "/proc/<pid>/" Permissions Handling Weakness - Secunia.com	af854a3a-2127-422b-91ae-364da2661108	se
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da2661108	ex
Linux Kernel "/proc/<pid>/" Permissions Handling Weakness - SecurityReason.com	af854a3a-2127-422b-91ae-364da2661108	se
LKML: Kees Cook: Re: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
LKML: James Morris: Re: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
LKML: Kees Cook: Re: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
LKML: Kees Cook: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
LKML: (Eric W. Biederman): Re: [SECURITY] /proc/$pid/ leaks contents across setuid exec	af854a3a-2127-422b-91ae-364da2661108	lkr
Full Disclosure: Proc filesystem and SUID-Binaries	af854a3a-2127-422b-91ae-364da2661108	se
Linux Kernel '/proc//' Permissions Handling Local Security Bypass Vulnerability	af854a3a-2127-422b-91ae-364da2661108	ww
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nv

No vendor comments have been submitted for this CVE.

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