CVE-2013-4312

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

Summary

CVE	CVE-2013-4312
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-02-08 03:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The Linux kernel before 4.4.1 allows local users to bypass file-descriptor limits and cause a denial of service (memory cons

Risk And Classification

Primary CVSS: v3.0 6.2 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.2	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:N/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

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/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
Operating System	Oracle	Linux	5.0	All	All	All
Operating System	Oracle	Linux	6	All	All	All
Operating System	Oracle	Linux	7	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
CVE-2013-4312	af854a3a-2127-422b-91ae-36
[SECURITY] Fedora 23 Update: kernel-4.3.4-300.fc23	af854a3a-2127-422b-91ae-36
USN-2929-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
Bug 1297813 – CVE-2013-4312 kernel: File descriptors passed over unix sockets are not properly accounted	af854a3a-2127-422b-91ae-36
USN-2932-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
USN-2929-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
Linux Kernel CVE-2013-4312 Multiple Local Denial of Service Vulnerabilities	af854a3a-2127-422b-91ae-36

kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-36
Debian -- Security Information -- DSA-3503-1 linux	af854a3a-2127-422b-91ae-36
USN-2967-2: Linux kernel (OMAP4) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
unix: properly account for FDs passed over unix sockets · torvalds/linux@712f4aa · GitHub	af854a3a-2127-422b-91ae-36
Red Hat Customer Portal	af854a3a-2127-422b-91ae-36
USN-2931-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
[SECURITY] Fedora 22 Update: kernel-4.3.4-200.fc22	af854a3a-2127-422b-91ae-36
Red Hat Customer Portal	af854a3a-2127-422b-91ae-36
USN-2967-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
Oracle Linux Bulletin - April 2016	af854a3a-2127-422b-91ae-36
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.4.1	af854a3a-2127-422b-91ae-36
Red Hat Customer Portal	af854a3a-2127-422b-91ae-36
Debian -- Security Information -- DSA-3448-1 linux	af854a3a-2127-422b-91ae-36
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
CVE-2013-4312 - Red Hat Customer Portal	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**