CVE-2016-3841

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

Summary

CVE	CVE-2016-3841
State	PUBLISHED
Assigner	google_android
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-06 20:59:01 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The IPv6 stack in the Linux kernel before 4.3.3 mishandles options data, which allows local users to gain privileges or caus

Risk And Classification

Primary CVSS: v3.1 7.3 HIGH from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H

Problem Types: CWE-264 | CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	6.0.1	All	All	All
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	Link
Android Security Bulletin—August 2016 | Android Open Source Project	af854a3a-2127-422b-91ae-364da2661108	source.and
Linux Kernel CVE-2016-3841 Multiple Privilege Escalation Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	www.secu
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.3.3	af854a3a-2127-422b-91ae-364da2661108	www.kerne
ipv6: add complete rcu protection around np->opt · torvalds/linux@45f6fad · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.com
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redhat
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redhat
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redhat
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redhat
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.kernel.c

CVE Program record	CVE.ORG	www.cve.c
NVD vulnerability detail	NVD	nvd.nist.gc

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**