CVE-2013-6282

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

Summary

CVE	CVE-2013-6282
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-11-20 13:19:43 UTC
Updated	2026-04-22 13:54:12 UTC
Description	The (1) get_user and (2) put_user API functions in the Linux kernel before 3.5.5 on the v6k and v7 ARM platforms do not va

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from nvd@nist.gov

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

EPSS: 0.681640000 probability, percentile 0.986210000 (date 2026-05-14)

CISA KEV: Listed on 2022-09-15; due 2022-10-06; ransomware use Unknown

Problem Types: CWE-20 | n/a | CWE-20 CWE-20 Improper Input Validation

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/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

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:L/UI:N/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

CISA Known Exploited Vulnerability

Vendor	Linux
Product	Kernel
Name	Linux Kernel Improper Input Validation Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=8404663f81d212918ff85f493649a7991209fa04; https://nvd.nist.gov/vuln/detail/CVE-2013-6282

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 - CVE-2013-6282 - linux kernel: missing access checks in get_user/put_user on ARM	af854a3a-2127-422b-91ae
Linux Kernel CVE-2013-6282 Local Privilege Escalation Vulnerabilities	af854a3a-2127-422b-91ae
Missing access checks in put_user/get_user kernel API (CVE-2013-6282) | Code Aurora Forum	af854a3a-2127-422b-91ae
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.5.5	af854a3a-2127-422b-91ae
Google Android - get_user/put_user (Metasploit) - Android local Exploit	af854a3a-2127-422b-91ae
USN-2067-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3
ARM: 7527/1: uaccess: explicitly check __user pointer when !CPU_USE_D… · torvalds/linux@8404663 · GitHub	af854a3a-2127-422b-91ae
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2022-09-15T00:00:00.000Z	CVE-2013-6282 added to CISA KEV

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