NFC: digital: Bounds check NFC-A cascade depth in SDD response handler

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

Summary

CVE	CVE-2026-31622
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:41 UTC
Updated	2026-04-28 14:14:07 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: NFC: digital: Bounds check NFC-A cascade depth in SDD

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000180000 probability, percentile 0.048130000 (date 2026-04-27)

Problem Types: CWE-120

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	8.8	HIGH	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	8.8	HIGH	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

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

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
CNA	Linux	Linux	affected 2c66daecc4092e6049673c281b2e6f0d5e59a94c 2819f34e08bdffb6f06a51c67948ec5737fb166a git
CNA	Linux	Linux	affected 2c66daecc4092e6049673c281b2e6f0d5e59a94c 1bec5698b55aa2be5c3b983dba657c01d0fd3dbc gi
CNA	Linux	Linux	affected 2c66daecc4092e6049673c281b2e6f0d5e59a94c 5a59bf70c38ee1eb4be03bab830bbc3a6f0bd1f1 git
CNA	Linux	Linux	affected 2c66daecc4092e6049673c281b2e6f0d5e59a94c 8d9d9bf3565271ca7ab9c716a94e87296177e7ba gi
CNA	Linux	Linux	affected 2c66daecc4092e6049673c281b2e6f0d5e59a94c cc024a3de265ef6c58957f4990eccb9f806208cb git
CNA	Linux	Linux	affected 2c66daecc4092e6049673c281b2e6f0d5e59a94c 46ce8be2ced389bccd84bcc04a12cf2f4d0c22d1 git
CNA	Linux	Linux	affected 3.13
CNA	Linux	Linux	unaffected 3.13 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/46ce8be2ced389bccd84bcc04a12cf2f4d0c22d1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/5a59bf70c38ee1eb4be03bab830bbc3a6f0bd1f1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/1bec5698b55aa2be5c3b983dba657c01d0fd3dbc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2819f34e08bdffb6f06a51c67948ec5737fb166a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8d9d9bf3565271ca7ab9c716a94e87296177e7ba	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/cc024a3de265ef6c58957f4990eccb9f806208cb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic

NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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