



Bluetooth: MGMT: validate LTK enc_size on load

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-43020
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:46 UTC
Updated	2026-05-08 14:41:09 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: Bluetooth: MGMT: validate LTK enc_size on load Load Lo

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.000240000 probability, percentile 0.068060000 (date 2026-05-05)

Problem Types: CWE-787

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS: 3.1/AV:L/AC:L/PR:L/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 346af67b8d116f01ef696fd47959a55deb2db8b6 0f37d1e65c6d71ad94ccfb5c602163c525db789d git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 257cdb960d8ff6d60bb6461b03c814b6cf0c9e64 git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 c34577f517b556fb6ca173d45bf7e766ae2564ce git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 f71695e81f4cb428f3c7e2138eae88199005b52c git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 82f342b3b006ca1d65f4890c05f2ec32fcb808b6 git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 50fb64defa72a3fec0af1ca7c6b47b5c5c2b257 git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 40ba329e8b4cd2fb11b0caf5e6a543ceaebb6009 git
CNA	Linux	Linux	affected 346af67b8d116f01ef696fd47959a55deb2db8b6 b8dbe9648d69059cfe3a28917bfbf7e61efd7f15 git
CNA	Linux	Linux	affected 3.4
CNA	Linux	Linux	unaffected 3.4 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/40ba329e8b4cd2fb11b0caf5e6a543ceaebb6009	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/82f342b3b006ca1d65f4890c05f2ec32fcb808b6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c34577f517b556fb6ca173d45bf7e766ae2564ce	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/0f37d1e65c6d71ad94ccfb5c602163c525db789d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b8dbe9648d69059cfe3a28917bfbf7e61efd7f15	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/257cdb960d8ff6d60bb6461b03c814b6cf0c9e64	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f71695e81f4cb428f3c7e2138eae88199005b52c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/50fb64defa72a3fec0af1ca7c6b47b5c5c2b257	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

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