Bluetooth: l2cap: Check encryption key size on incoming connection

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Summary

CVE	CVE-2025-39889
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-24 11:15:32 UTC
Updated	2026-04-02 09:16:19 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: Bluetooth: l2cap: Check encryption key size on incoming c

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-326 | CWE-326 CWE-326 Inadequate Encryption Strength

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	ADP	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	8.1	HIGH	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	8.1	HIGH	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/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 4f911a538e089cce808a15dc3277250f4f8daef9 ed503d340a501e414114ddc614a3aae4f6e9eae2 git
CNA	Linux	Linux	affected 288c06973daae4637f25a0d1bdaf65fdbf8455f9 24b2cdfc16e9bd6ab3d03b8e01c590755bd3141f git
CNA	Linux	Linux	affected 288c06973daae4637f25a0d1bdaf65fdbf8455f9 c6d527bbd3d3896375079f5dbc8b7f96734a3ba5 git
CNA	Linux	Linux	affected 288c06973daae4637f25a0d1bdaf65fdbf8455f9 9e3114958d87ea88383cbbf38c89e04b8ea1bce5 git
CNA	Linux	Linux	affected 288c06973daae4637f25a0d1bdaf65fdbf8455f9 d49798ecd26e0ee7995a7fc1e90ca5cd9b4402d6 git
CNA	Linux	Linux	affected 288c06973daae4637f25a0d1bdaf65fdbf8455f9 d4ca2fd218caafbf50e3343ba1260c6a23b5676a git
CNA	Linux	Linux	affected 288c06973daae4637f25a0d1bdaf65fdbf8455f9 522e9ed157e3c21b4dd623c79967f72c21e45b78 git
CNA	Linux	Linux	affected 5.11
CNA	Linux	Linux	unaffected 5.11 semver
CNA	Linux	Linux	unaffected 5.15.181 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.135 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.88 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.25 6.12.* semver
CNA	Linux	Linux	unaffected 6.14.4 6.14.* semver
CNA	Linux	Linux	unaffected 6.15 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/9e3114958d87ea88383cbbf38c89e04b8ea1bce5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c6d527bbd3d3896375079f5dbc8b7f96734a3ba5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/d49798ecd26e0ee7995a7fc1e90ca5cd9b4402d6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/522e9ed157e3c21b4dd623c79967f72c21e45b78	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/ed503d340a501e414114ddc614a3aae4f6e9eae2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d4ca2fd218caafbf50e3343ba1260c6a23b5676a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/24b2cdfc16e9bd6ab3d03b8e01c590755bd3141f	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.