



# rxrpc: Fix missing validation of ticket length in non-XDR key preparing

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-31696
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-01 14:16:19 UTC
<b>Updated</b>	2026-05-06 19:17:41 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: rxrpc: Fix missing validation of ticket length in non-XDR ke

## 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:** 0.000210000 probability, percentile 0.057670000 (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 8a7a3eb4ddb7c7e639170a64adede7cbd5a9247 1fa36cf495b0023e8475d038535c05e4063211e1 g
CNA	Linux	Linux	affected 8a7a3eb4ddb7c7e639170a64adede7cbd5a9247 4458757c020592a3094366e0fb20457383b42f92 g
CNA	Linux	Linux	affected 8a7a3eb4ddb7c7e639170a64adede7cbd5a9247 ce383ba615339f8eaec646a166d2c2b015bb5ca0 g
CNA	Linux	Linux	affected 8a7a3eb4ddb7c7e639170a64adede7cbd5a9247 a1be1c9ece26cea69654f28b255ff9a7906b897b gi
CNA	Linux	Linux	affected 8a7a3eb4ddb7c7e639170a64adede7cbd5a9247 ac33733b10b484d666f97688561670afd5861383 g
CNA	Linux	Linux	affected 3.17
CNA	Linux	Linux	unaffected 3.17 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.84 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.25 6.18.* semver
CNA	Linux	Linux	unaffected 7.0.2 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

### References

Reference	Source	Link	Tags
git.kernel.org/stable/c/4458757c020592a3094366e0fb20457383b42f92	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/4458757c020592a3094366e0fb20457383b42f92">git.kernel.org</a>	Patch
git.kernel.org/stable/c/ce383ba615339f8eaec646a166d2c2b015bb5ca0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/ce383ba615339f8eaec646a166d2c2b015bb5ca0">git.kernel.org</a>	Patch
git.kernel.org/stable/c/1fa36cf495b0023e8475d038535c05e4063211e1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/1fa36cf495b0023e8475d038535c05e4063211e1">git.kernel.org</a>	Patch
git.kernel.org/stable/c/a1be1c9ece26cea69654f28b255ff9a7906b897b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/a1be1c9ece26cea69654f28b255ff9a7906b897b">git.kernel.org</a>	Patch
git.kernel.org/stable/c/ac33733b10b484d666f97688561670afd5861383	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/ac33733b10b484d666f97688561670afd5861383">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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