



CVE-2019-17075

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Summary

CVE	CVE-2019-17075
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-10-01 21:15:00 UTC
Updated	2023-11-07 03:06:00 UTC
Description	An issue was discovered in write_tpt_entry in drivers/infiniband/hw/cxgb4/mem.c in the Linux kernel through 5.3.2. The cxgb4 driver does not properly validate the user-supplied memory address, which can lead to a denial of service (DoS) or a remote code execution (RCE) attack. The issue is caused by a buffer overflow in the write_tpt_entry function. The issue is fixed in Linux kernel 5.3.3.

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2019-311-01)	BUGTRAQ	seclists.org	
USN-4226-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[SECURITY] [DLA 2114-1] linux-4.9 security update	MLIST	lists.debian.org	
[PATCH v2] cxgb4: do not dma memory off of the stack - Greg KH	MISC	lore.kernel.org	Exploit, RCE
USN-4210-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	MISC	packetstormsecurity.com	
USN-4211-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
USN-4211-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[PATCH v2] cxgb4: do not dma memory off of the stack - Greg KH		lore.kernel.org	
USN-4208-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	
Oracle Critical Patch Update Advisory - April 2021	MISC	www.oracle.com	
CVE Program record	CVE.ORG	www.cve.org	canonical

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

671064 EulerOS Security Update for kernel (EulerOS-SA-2019-2599)

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