



CVE-2018-5333

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

Summary

CVE	CVE-2018-5333
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-01-11 07:29:00 UTC
Updated	2020-01-22 19:15:00 UTC
Description	In the Linux kernel through 4.14.13, the rds_cmsg_atomic function in net/rds/rdma.c mishandles cases where page pinning

Risk And Classification

Problem Types: CWE-476

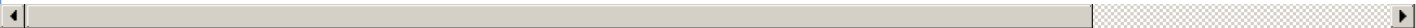
NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
USN-3619-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third P

USN-3617-2: Linux (HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party
USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party
USN-3617-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party
Debian -- Security Information -- DSA-4187-1 linux	DEBIAN	www.debian.org	Third Party
[SECURITY] [DLA 1369-1] linux security update	MLIST	lists.debian.org	Mailing List
Reliable Datagram Sockets (RDS) rds_atomic_free_op Privilege Escalation ~ Packet Storm	MISC	packetstormsecurity.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Issue Tracker
USN-3583-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party
Linux Kernel 'net/rds/rdma.c' Denial of Service Vulnerability	BID	www.securityfocus.com	Third Party
RDS: null pointer dereference in rds_atomic_free_op · torvalds/linux@7d11f77 · GitHub	CONFIRM	github.com	Patch, Proof of Concept
USN-3583-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party
USN-3617-3: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party
USN-3632-1: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical



No vendor comments have been submitted for this CVE.

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