



CVE-2018-17182

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

Summary

CVE	CVE-2018-17182
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-09-19 09:29:00 UTC
Updated	2023-02-24 18:33:00 UTC
Description	An issue was discovered in the Linux kernel through 4.18.8. The vmacache_flush_all function in mm/vmacache.c mishandle

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	18.04	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	18.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Performance Analytics Services	-	All	All	All
Application	Netapp	Active Iq Performance Analytics Services	-	All	All	All
Application	Netapp	Element Software	-	All	All	All
Application	Netapp	Element Software	-	All	All	All

References

Reference	Source
oss-security - Linux kernel: potential local privilege escalation bug in vmacache code	MISC
[SECURITY] [DLA 1531-1] linux-4.9 security update	MLIST
September 2018 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM
USN-3776-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU
USN-3776-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU
Linux Kernel 'mm/vmacache.c' Local Privilege Escalation Vulnerability	BID
USN-3777-3: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU
USN-3777-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUNTU
Linux Kernel Components Multiple Security Vulnerabilities	BID
USN-3777-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU
Linux Kernel Cache Invalidation Bug Lets Local Users Gain Elevated Privileges - SecurityTracker	SECTRACK
Red Hat Customer Portal	REDHAT
Linux Kernel - VMA Use-After-Free via Buggy vmacache_flush_all() Fastpath Local Privilege Escalation - Linux local Exploit	EXPLOIT-DB
Debian -- Security Information -- DSA-4308-1 linux	DEBIAN
mm: get rid of vmacache_flush_all() entirely · torvalds/linux@7a9cdeb · GitHub	MISC
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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