



CVE-2017-17052

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Summary

CVE	CVE-2017-17052
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-11-29 03:29:00 UTC
Updated	2023-01-19 15:45:00 UTC
Description	The mm_init function in kernel/fork.c in the Linux kernel before 4.12.10 does not clear the ->exe_file member of a new proc

Risk And Classification

Problem Types: CWE-416

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
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Issue Tracked
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.12.10	CONFIRM	www.kernel.org	Issue Tracked
fork: fix incorrect fput of ->exe_file causing use-after-free · torvalds/linux@2b7e866 · GitHub	CONFIRM	github.com	Patched
Linux Kernel 'kernel/fork.c' Local Use After Free Memory Corruption Vulnerability	BID	www.securityfocus.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.

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