CVE-2019-16413

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CVE-2019-16413

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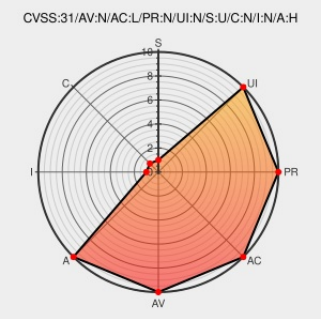

Certain versions of Linux Kernel from Linux contain the following vulnerability:

An issue was discovered in the Linux kernel before 5.0.4. The 9p filesystem did not protect i_size_write() properly, which causes an i_size_read() infinite loop and denial of service on SMP systems.

CVE-2019-16413 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
September 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20191004-0001/
	Release Notes Vendor Advisory	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.0.4

	cdn.kernel.org text/plain	
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	MISC git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=5e3cc1ee1405a7eb3487ed24f786dec01b4cbe1f
9p: use inode->i_lock to protect i_size_write() - Patchwork	Exploit Patch Third Party Advisory patchwork.kernel.org text/html	MISC patchwork.kernel.org/patch/10753365/
No Description Provided	support.f5.com text/html	CONFIRM support.f5.com/csp/article/K43239141?utm_source=f5support&utm_medium=RSS

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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