CVE-2018-1000028

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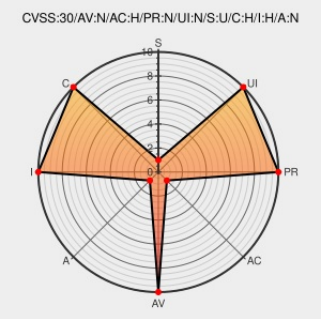
CVE-2018-1000028

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

Linux kernel version after commit bdcf0a423ea1 - 4.15-rc4+, 4.14.8+, 4.9.76+, 4.4.111+ contains a Incorrect Access Control vulnerability in NFS server (nfsd) that can result in remote users reading or writing files they should not be able to via NFS. This attack appear to be exploitable via NFS server must export a filesystem with the "rootsquash" options enabled. This vulnerability appears to have been fixed in after commit 1995266727fa.

CVE-2018-1000028 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.4 - HIGH

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

CVSS2 Score: 5.8 - MEDIUM

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

CVE References

Description	Tags	Link
kernel/git/torvalds/linux.git - Linux kernel	Patch	CONFIRM

kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	CONFIRM git.kernel.org/linus/1995266727fa8143897e89b55f5d3c79aa828420

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	4.15	rc4	All	All
Operating System	Linux	Linux Kernel	4.15	rc4	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

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No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report