CVE-2017-9211

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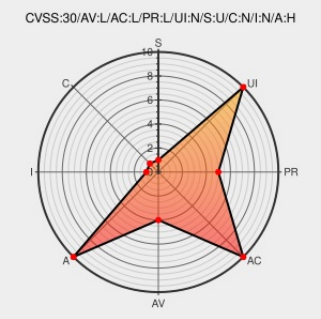

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The crypto_skcipher_init_tfm function in crypto/skcipher.c in the Linux kernel through 4.11.2 relies on a setkey function that lacks a key-size check, which allows local users to cause a denial of service (NULL pointer dereference) via a crafted application.

CVE-2017-9211 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 4.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch, git.kernel.org, text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=9933e113c2e87a9f46a40fde8dafbf801dca1ab9
crypto: al_alg: alg_setkey does	Mailing List	CONFIRM patchwork.kernel.org/patch/9718933/

not check key's size is zero or not, causing a Null-ptr-dereference - Patchwork	Patch patchwork.kernel.org text/html	
crypto: skcipher - Add missing API setkey checks · torvalds/linux@9933e11 · GitHub	Patch github.com text/html	CONFIRM github.com/torvalds/linux/commit/9933e113c2e87a9f46a40fde8dafbf801dca1ab9

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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

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

No vendor comments have been submitted for this CVE

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