



# CVE-2017-18270

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-18270
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-05-18 16:29:00 UTC
<b>Updated</b>	2020-08-14 20:15:00 UTC
<b>Description</b>	In the Linux kernel before 4.13.5, a local user could create keyrings for other users via keyctl commands, setting unwanted

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source
KEYS: prevent creating a different user's keyrings · torvalds/linux@237bbd2 · GitHub	CONFIRM
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM
support.f5.com/csp/article/K37301725	CONFIRM
1856774 – (CVE-2020-14353) CVE-2020-14353 kernel: keys: for keyctl prevent creating a different user's keyrings in RHEL-6.10	MISC
Linux Kernel CVE-2017-18270 Local Denial of Service Vulnerability	BID
1856774 – (CVE-2020-14353) CVE-2020-14353 kernel: keys: for keyctl prevent creating a different user's keyrings in RHEL-6.10	MISC
1580979 – (CVE-2017-18270) CVE-2017-18270 kernel: improper keyrings creation	MISC
USN-3754-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.13.5	CONFIRM
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160123](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9852)

[390268](#) Oracle VM Server for x86 Security Update for kernel (OVMSA-2022-0026)

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