



# CVE-2017-17864

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## Summary

<b>CVE</b>	CVE-2017-17864
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-12-27 17:08:00 UTC
<b>Updated</b>	2018-01-13 02:29:00 UTC
<b>Description</b>	kernel/bpf/verifier.c in the Linux kernel through 4.14.8 mishandles states_equal comparisons between the pointer data type

## Risk And Classification

**Problem Types:** CWE-200

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

### Reference

<a href="#">Linux Kernel 'kernel/bpf/verifier.c' Local Information Disclosure Vulnerability</a>
404 Not Found
<a href="#">Linux Kernel Extended BPF Verifier Pointer Comparison Flaw Lets Local Users Obtain Potentially Sensitive Information on the Target System</a>
<a href="#">Debian -- Security Information -- DSA-4073-1 linux</a>
<a href="#">USN-3523-2: Linux kernel (HWE) vulnerabilities   Ubuntu</a>
404 Not Found
<a href="#">CVE Program record</a>
<a href="#">NVD vulnerability detail</a>

No vendor comments have been submitted for this CVE.

751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

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