



# CVE-2017-18509

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2017-18509
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-08-13 14:15:00 UTC
<b>Updated</b>	2023-11-07 02:41:00 UTC
<b>Description</b>	An issue was discovered in net/ipv6/ip6mr.c in the Linux kernel before 4.11. By setting a specific socket option, an attacker

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
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>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	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
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source
<a href="#">netdev - net/ipv4: general protection fault in inet_csk_listen_stop</a>	MISC
<a href="#">Debian -- Security Information -- DSA-4497-1 linux</a>	DEBIAN
<a href="#">Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm</a>	MISC
<a href="#">support.f5.com/csp/article/K41582535</a>	CONFIRM

Linux Kernel 4.9 - inet_csk_listen_stop GPF (CVE-2017-18509)	MISC
ipv6: check sk sk_type and protocol early in ip_mroute_set/getsockopt (baefcdc2) · Commits · Debian kernel team / linux · GitLab	MISC
ipv6: check sk sk_type and protocol early in ip_mroute_set/getsockopt · torvalds/linux@99253eb · GitHub	MISC
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2019-226-01)	BUGTRAQ
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC
[SECURITY] [DLA 1884-1] linux security update	MLIST
myF5	
[SECURITY] [DLA 1885-1] linux-4.9 security update	MLIST
support.f5.com/csp/article/K41582535	CONFIRM
USN-4145-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

- [610317](#) Google Android Devices February 2021 Security Patch Missing
- [610323](#) Google Android March 2021 Security Patch Missing for LGE
- [610324](#) Google Android March 2021 Security Patch Missing for Huawei EMUI
- [610325](#) Google Android March 2021 Security Patch Missing for Samsung
- [671064](#) EulerOS Security Update for kernel (EulerOS-SA-2019-2599)

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