



# CVE-2018-14879

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

## Summary

<b>CVE</b>	CVE-2018-14879
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-10-03 16:15:00 UTC
<b>Updated</b>	2023-11-07 02:53:00 UTC
<b>Description</b>	The command-line argument parser in tcpdump before 4.9.3 has a buffer overflow in tcpdump.c:get_next_file().

## Risk And Classification

**Problem Types:** CWE-120

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	All	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	All	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
Application	<a href="#">F5</a>	<a href="#">Traffix Sdc</a>	All	All	All	All
Application	<a href="#">F5</a>	<a href="#">Traffix Signaling Delivery Controller</a>	All	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	29	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	29	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.0	All	All	All

Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.0	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Application	<a href="#">Tcpcdump</a>	<a href="#">Tcpcdump</a>	All	All	All	All
Application	<a href="#">Tcpcdump</a>	<a href="#">Tcpcdump</a>	All	All	All	All

## References

### Reference

[security-announce] [openSUSE-SU-2019:2344-1](#): important: Security update

Debian -- Security Information -- [DSA-4547-1](#) tcpcdump

[SECURITY] [Fedora 29 Update: tcpcdump-4.9.3-1.fc29](#) - package-announce - Fedora Mailing-Lists

Full Disclosure: [APPLE-SA-2019-12-10-3](#) macOS Catalina 10.15.2, Security Update 2019-002 Mojave, Security Update 2019-007 High Sierra

[SECURITY] [Fedora 29 Update: tcpcdump-4.9.3-1.fc29](#) - package-announce - Fedora Mailing-Lists

(for 4.9.3) [CVE-2018-14879/fix -V to fail invalid input safely](#) · the-tcpcdump-group/tcpcdump@9ba9138 · GitHub

[USN-4252-1: tcpcdump vulnerabilities](#) | Ubuntu security notices

October 2019 Tcpcdump Vulnerabilities in NetApp Products | NetApp Product Security

[SECURITY] [Fedora 31 Update: tcpcdump-4.9.3-1.fc31](#) - package-announce - Fedora Mailing-Lists

[tcpcdump/CHANGES at tcpcdump-4.9](#) · the-tcpcdump-group/tcpcdump · GitHub

[USN-4252-2: tcpcdump vulnerabilities](#) | Ubuntu security notices

About the security content of macOS Catalina 10.15.2, Security Update 2019-002 Mojave, Security Update 2019-007 High Sierra - Apple Support

[SECURITY] [\[DLA 1955-1\]](#) tcpcdump security update

[SECURITY] [Fedora 30 Update: tcpcdump-4.9.3-1.fc30](#) - package-announce - Fedora Mailing-Lists

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[security-announce] [openSUSE-SU-2019:2348-1](#): important: Security update

[SECURITY] [Fedora 30 Update: tcpcdump-4.9.3-1.fc30](#) - package-announce - Fedora Mailing-Lists

[support.f5.com/csp/article/K51512510](#)

[SECURITY] [Fedora 31 Update: tcpcdump-4.9.3-1.fc31](#) - package-announce - Fedora Mailing-Lists

Bugtraq: [\[SECURITY\] \[DSA 4547-1\]](#) tcpcdump security update

Bugtraq: [APPLE-SA-2019-12-10-3](#) macOS Catalina 10.15.2, Security Update 2019-002 Mojave, Security Update 2019-007 High Sierra

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[500686](#) Alpine Linux Security Update for tcpdump

[504455](#) Alpine Linux Security Update for tcpdump

[940081](#) AlmaLinux Security Update for tcpdump (ALSA-2020:4760)

[960865](#) Rocky Linux Security Update for tcpdump (RLSA-2020:4760)

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