



# CVE-2018-16300

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## Summary

<b>CVE</b>	CVE-2018-16300
<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 BGP parser in tcpdump before 4.9.3 allows stack consumption in print-bgp.c:bjgp_attr_print() because of unlimited recursion.

## Risk And Classification

**Problem Types:** CWE-674

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tcpdump	Tcpdump	All	All	All	All
Application	Tcpdump	Tcpdump	All	All	All	All

## References

### Reference

- [security-announce] openSUSE-SU-2019:2344-1: important: Security update
- Debian -- Security Information -- DSA-4547-1 tcpdump
- [SECURITY] Fedora 29 Update: tcpdump-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: tcpdump-4.9.3-1.fc29 - package-announce - Fedora Mailing-Lists
- USN-4252-1: tcpdump vulnerabilities | Ubuntu security notices
- October 2019 Tcpdump Vulnerabilities in NetApp Products | NetApp Product Security
- [SECURITY] Fedora 31 Update: tcpdump-4.9.3-1.fc31 - package-announce - Fedora Mailing-Lists
- tcpdump/CHANGES at tcpdump-4.9 · the-tcpdump-group/tcpdump · GitHub
- USN-4252-2: tcpdump vulnerabilities | Ubuntu security notices
- (for 4.9.3) CVE-2018-16300/BGP: prevent stack exhaustion · the-tcpdump-group/tcpdump@af2cf04 · GitHub
- 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] tcpdump security update

[SECURITY] Fedora 30 Update: tcpdump-4.9.3-1.fc30 - package-announce - Fedora Mailing-Lists

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

[SECURITY] Fedora 30 Update: tcpdump-4.9.3-1.fc30 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 31 Update: tcpdump-4.9.3-1.fc31 - package-announce - Fedora Mailing-Lists

Bugtraq: [SECURITY] [DSA 4547-1] tcpdump 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

[376142](#) F5 BIG-IP Local Traffic Manager (LTM), Application Security Manager (ASM), Access Policy Manager (APM) Multiple Vulnerabilities (K44551633)

[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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