



CVE-2014-9428

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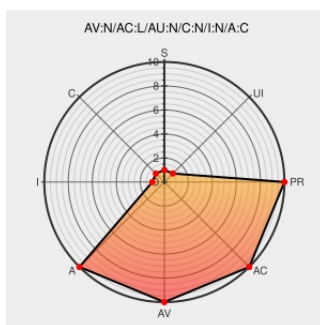
CVE-2014-9428

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: [PDF](#)



Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

The batadv_frag_merge_packets function in net/batman-adv/fragmentation.c in the B.A.T.M.A.N. implementation in the Linux kernel through 3.18.1 uses an incorrect length field during a calculation of an amount of memory, which allows remote attackers to cause a denial of service (mesh-node system crash) via fragmented packets.

CVE-2014-9428 has been assigned by security@debian.org to track the vulnerability

CVSS2 Score: **7.8 - HIGH**

Access
Vector

Access
Complexity

Authentication

NETWORK

LOW

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

NONE

NONE

COMPLETE

CVE References

Description

Tags

Link

USN-2517-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu

[www.ubuntu.com](#)
[text/html](#)

[UBUNTU USN-2517-1](#)

[B.A.T.M.A.N.] kernel BUG at net/core/skbuff.c:100

[lists.open-mesh.org](#)
[text/html](#)

[MLIST \[b.a.t.m.a.n\] 20141118 kernel BUG at net/core/skbuff.c:100](#)

#774155 - linux: CVE-2014-9428: Remote crash of kernel via batman-adv module - Debian Bug report logs

[bugs.debian.org](#)
[text/html](#)

[CONFIRM bugs.debian.org/774155](#)

kernel/git/torvalds/linux.git - Linux kernel source tree

[git.kernel.org](#)
[text/html](#)

[CONFIRM git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git;a=commit;h=5b6698b0e4a37053de35cc24ee695b98a7eb712b](#)

[SECURITY] Fedora 20 Update: kernel-3.17.8-200.fc20	lists.fedoraproject.org text/html	 FEDORA FEDORA-2015-0515
Support / Security / Advisories // MDVSA-2015:058 Mandriva	www.mandriva.com text/html	 MANDRIVA MDVSA-2015:058
USN-2516-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2516-1
oss-security - Re: CVE Request: Linux: Remote crash via batman-adv module - Linux kernel	www.openwall.com text/html	 MLIST [oss-security] 20141231 Re: CVE Request: Linux: Remote crash via batman-adv module - Linux kernel
[SECURITY] Fedora 21 Update: kernel-3.17.8-300.fc21	lists.fedoraproject.org text/html	 FEDORA FEDORA-2015-0517
batman-adv: Calculate extra tail size based on queued fragments · 5b6698b · torvalds/linux · GitHub	github.com text/html	 CONFIRM github.com/torvalds/linux/commit/5b6698b0e4a37053de35cc24ee695b98a7eb712b
USN-2515-1: Linux kernel (Trusty HWE) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2515-1
Stable fixes for batman-adv — Linux Network Development	www.spinics.net text/html	 MLIST [netdev] 20141220 Stable fixes for batman-adv
USN-2518-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2518-1

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:linux:linux_kernel:*****:						
cpe:2.3:o:linux:linux_kernel:*****:						

No vendor comments have been submitted for this CVE

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[Next ID →](#)

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