CVE-2015-8215

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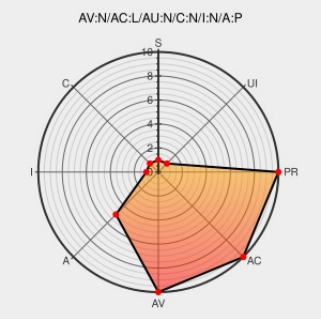
CVE-2015-8215

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

net/ipv6/addrconf.c in the IPv6 stack in the Linux kernel before 4.0 does not validate attempted changes to the MTU value, which allows context-dependent attackers to cause a denial of service (packet loss) via a value that is (1) smaller than the minimum compliant value or (2) larger than the MTU of an interface, as demonstrated by a Router Advertisement (RA) message that is not validated by a daemon, a different vulnerability than CVE-2015-0272. NOTE: the scope of CVE-2015-0272 is limited to the NetworkManager product.

CVE-2015-8215 has been assigned by security@ubuntu.com to track the vulnerability

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
[security-announce] SUSE-SU-2015:2350-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2350
Bug 1192132 – CVE-2015-0272 kernel/NetworkManager: remote DoS using IPv6 RA with bogus MTU	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1192132

[security-announce] SUSE-SU-2016:0354-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2016:0354
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:0855
Linux Kernel 'net/ipv6/addrconf.c' CVE-2015-8215 Denial of Service Vulnerability	cve.report (archive) text/html	BID 85274
Access Denied	bugzilla.novell.com text/html	CONFIRM bugzilla.novell.com/show_bug.cgi?id=944296
Debian -- Security Information -- DSA-3364-1 linux	www.debian.org Depreciated Link text/html	DEBIAN DSA-3364
Bug #1500810 “Trusty update to 3.13.11-ckt27 stable release” : Bugs : linux package : Ubuntu	bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/bugs/1500810
Oracle Linux Bulletin - April 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/topics/security/linuxbulletinapr2016-2952096.html
kernel/git/torvalds/linux.git - Linux kernel source tree	Vendor Advisory git.kernel.org text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=77751427a1ff25b27d47a4c36b12c3c8667855ac
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2016:2074
[security-announce] SUSE-SU-2015:2194-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2194
[security-announce] SUSE-SU-2015:2339-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2339
ipv6: addrconf: validate new MTU before applying it · torvalds/linux@7775142 · GitHub	Vendor Advisory github.com text/html	CONFIRM github.com/torvalds/linux/commit/77751427a1ff25b27d47a4c36b12c3c8667855ac
[security-announce] SUSE-SU-2015:2292-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2292

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

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

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