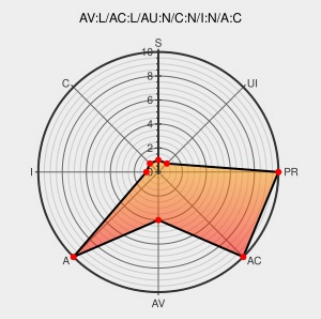
CVE-2008-3686

Published on: 08/14/2008 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:25:12 PM UTC

CVE-2008-3686

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



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

The rt6_fill_node function in net/ipv6/route.c in Linux kernel 2.6.26-rc4, 2.6.26.2, and possibly other 2.6.26 versions, allows local users to cause a denial of service (kernel OOPS) via IPv6 requests when no IPv6 input device is in use, which triggers a NULL pointer dereference.

CVE-2008-3686 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 4.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
LKML: Brian Haley: Re: OOPS, ip -f inet6 route get fec0::1, linux-2.6.26, ip6_route_output, rt6_fill_node+0x175	Exploit, lkml.org, text/xml	MLIST [linux-kernel] 20080808 Re: OOPS, ip -f inet6 route get fec0::1, linux-2.6.26, ip6_route_output, rt6_fill_node+0x175
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=5e0115e500fe9dd2ca11e6f92db9123204f1327a
IBM X-Force Exchange	exchange.xforce.ibmcloud.com, text/html	XF linux-kernel-rt6fillnode-dos(44605)
Linux Kernel "rt6_fill_node()" Denial of Service Vulnerability - Secunia Advisories - Vulnerability Intelligence - Secunia.com	Vendor Advisory, web.archive.org, text/html	SECUNIA 31579
LKML: "John Gumb": OOPS, ip -f inet6 route get fec0::1, linux-2.6.26,	Exploit, lkml.org	MLIST [linux-kernel] 20080807 OOPS, ip -f inet6 route get fec0::1, linux-2.6.26, ip6_route_output, rt6_fill_node+0x175

ip6_route_output, rt6_fill_node+0x175	text/xml	
Webmail - OVH	Vendor Advisory www.vupen.com text/html	VUPEN ADV-2008-2422

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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	2.6.26	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.26.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.26	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.26.2	All	All	All

cpe:2.3:o:linux:linux_kernel:2.6.26:rc4:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.6.26.2:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.6.26:rc4:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.6.26.2:*:*:*:*:*:*:*:

← Previous ID

Next ID→