CVE-2007-4567

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Summary

CVE	CVE-2007-4567
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2007-12-21 00:46:00 UTC
Updated	2023-02-13 02:18:00 UTC
Description	The ipv6_hop_jumbo function in net/ipv6/exthdrs.c in the Linux kernel before 2.6.22 does not properly validate the hop-by-h

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.2.27	All	All	All
Operating System	Linux	Linux Kernel	2.4.36	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.6	All	All	All
Operating System	Linux	Linux Kernel	2.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	All	All

Operating System	Linux	Linux Kernel	2.6.19.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.21	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.6	All	All	All
Operating System	Linux	Linux Kernel	2.2.27	All	All	All
Operating System	Linux	Linux Kernel	2.4.36	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.6	All	All	All
Operating System	Linux	Linux Kernel	2.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.19.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.17	All	All	All

Operating System	Linux	Linux Kernel	2.6.20.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.21	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.6	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	MISC	access.redhat.com
Red Hat Customer Portal	MISC	access.redhat.com
Ubuntu update for kernel - Advisories - Secunia	SECUNIA	secunia.com
Repository / Oval Repository	OVAL	oval.cisecurity.org
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com
access.redhat.com | CVE-2007-4567	MISC	access.redhat.com
Support	REDHAT	www.redhat.com
Linux Kernel IPv6 Hop-By-Hop Header Remote Denial of Service Vulnerability	BID	www.securityfocus.com
USN-574-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
USN-558-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
Ubuntu update for kernel - Advisories - Secunia	SECUNIA	secunia.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
rhn.redhat.com | Red Hat Support	REDHAT	www.redhat.com
Red Hat Customer Portal	MISC	access.redhat.com
8450 – ip6sic causes bug during interrupt handling	CONFIRM	bugzilla.kernel.org
Repository / Oval Repository	OVAL	oval.cisecurity.org
Red Hat update for the kernel - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
Red Hat Customer Portal	MISC	access.redhat.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
Bug 548641 – CVE-2007-4567 kernel: ipv6_hop_jumbo remote system crash	CONFIRM	bugzilla.redhat.com
Linux Kernel VFAT IOCTLs Denial of Service - Advisories - Secunia	SECUNIA	secunia.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2010-01-21	Mark J Cox	This issue did not affect the versions of the Linux kernel as shipped with Red Hat Enterprise Linu

There are currently no legacy QID mappings associated with this CVE.

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**