CVE-2010-4161

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CVE-2010-4161

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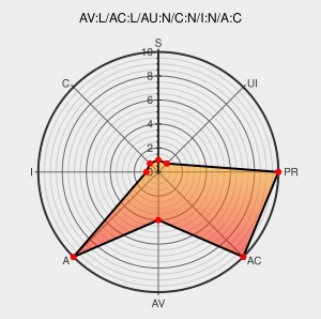

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The udp_queue_rcv_skb function in net/ipv4/udp.c in a certain Red Hat build of the Linux kernel 2.6.18 in Red Hat Enterprise Linux (RHEL) 5 allows attackers to cause a denial of service (deadlock and system hang) by sending UDP traffic to a socket that has a crafted socket filter, a related issue to CVE-2010-4158.

CVE-2010-4161 has been assigned by secalert@redhat.com 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
Re: [PATCH] Prevent reading uninitialized memory with socket filters — Linux Network Development	Patch, www.spinics.net, text/html	MLIST [netdev] 20101110 Re: [PATCH] Prevent reading uninitialized memory with socket filters
Support	www.redhat.com, text/html	REDHAT RHSA-2011:0004
SecurityFocus	Exploit, www.securityfocus.com, text/html	BUGTRAQ 20101118 Re: Kernel 0-day
SecurityFocus	www.securityfocus.com, text/html	BUGTRAQ 20111013 VMSA-2011-0012 VMware ESXi and ESX updates to third party libraries and ESX Service Console

Bug 651698 – CVE-2010-4158 kernel: socket filters infoleak	Patch bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=651698
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF kernel-udpqueuercvskb-dos(64497)
Bug 652534 – CVE-2010-4161 kernel: rhel5 commit 6865201191 caused deadlock	Exploit bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=652534
VMSA-2011-0012.2	www.vmware.com text/html	CONFIRM www.vmware.com/security/advisories/VMSA-2011-0012.html
About Secunia Research | Flexera	secunia.com Depreciated Link text/plain	SECUNIA 46397
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	www.vupen.com text/html	VUPEN ADV-2011-0024
Red Hat update for kernel - Secunia.com	web.archive.org text/html	SECUNIA 42789

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	2.6.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	All	All	All
Operating System	Redhat	Enterprise Linux	5	All	All	All
Operating System	Redhat	Enterprise Linux	5	All	All	All

cpe:2.3:o:linux:linux_kernel:2.6.18:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.6.18:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:5:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:5:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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