

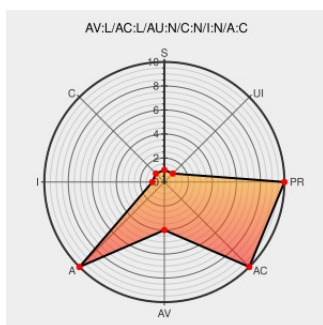


CVE-2010-4161

Published on: 12/30/2010 12:00:00 AM UTC

Last Modified on: 02/13/2023 04:13:17 AM UTC

CVE-2010-4161

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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

LOCAL

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

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 Deprecated 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

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	2.6.18	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

© [CVE.report](#) 2023  |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)