

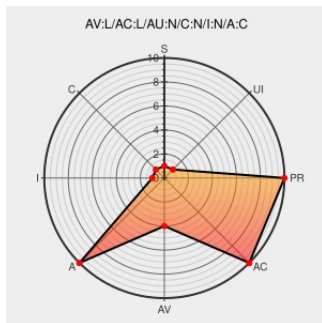


CVE-2008-2372

Published on: 07/02/2008 12:00:00 AM UTC

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CVE-2008-2372

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

Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

The Linux kernel 2.6.24 and 2.6.25 before 2.6.25.9 allows local users to cause a denial of service (memory consumption) via a large number of calls to the `get_user_pages` function, which lacks a `ZERO_PAGE` optimization and results in allocation of "useless newly zeroed pages."

CVE-2008-2372 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

[security-announce] SUSE
Security Announcement:
Linux kernel (SUSE-SA:20

[lists.opensuse.org](#)
[text/html](#)

[SUSE SUSE-SA:2008:038](#)

No Description Provided

[wiki.rpath.com](#)

[CONFIRM wiki.rpath.com/wiki/Advisories:rPSA-2008-0207](#)

Inactive Link Not Archived

Linux-Kernel Archive: Re:
Page Faults slower in
2.6.25-rc9 than 2.6.23

[web.archive.org](#)
[text/html](#)
Inactive Link Not Archived

[MLIST \[linux-kernel\] 20080430 Re: Page Faults slower in 2.6.25-rc9 than 2.6.23](#)

No Description Provided

[issues.rpath.com](#)

[CONFIRM issues.rpath.com/browse/RPL-2629](#)

Inactive Link Not Archived

Red Hat update for kernel -

[web.archive.org](#)

[SECUNIA 31628](#)

Secunia Advisories - Vulnerability Intelligence - Secunia.com	text/html	
Ubuntu update for linux - Secunia.com	web.archive.org text/html	 SECUNIA 32393
Red hat update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	web.archive.org text/html	 SECUNIA 32485
rPath update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	web.archive.org text/html	 SECUNIA 30901
Support	www.redhat.com text/html	 REDHAT RHSA-2008:0585
USN-659-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-659-1
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	lists.opensuse.org text/html	 SUSE SUSE-SA:2008:037
kernel/git/torvalds/linux.git - Linux kernel source tree	web.archive.org text/html Inactive Link Not Archived	 MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=89f5b7da2a6bad2e84670422ab8192382a5aeb9f
SUSE update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	web.archive.org text/html	 SECUNIA 31202
SUSE update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	web.archive.org text/html	 SECUNIA 30982
Support	www.redhat.com text/html	 REDHAT RHSA-2008:0957
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	lists.opensuse.org text/html	 SUSE SUSE-SA:2008:035
404: File not found	kernel.org text/plain Inactive Link Not Archived	 CONFIRM kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.25.9
Repository / Oval Repository	oval.cisecurity.org text/html	 OVAL oval.org/mitre.oval:def:9383
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF linux-kernel-getuserpages-dos(43550)
Page Not Found	new-ubuntu-news.blogspot.com text/html Inactive Link Not Archived	 MISC new-ubuntu-news.blogspot.com/2008/06/re-pending-stable-kernel-security_25.html

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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	2.6.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	All	All

cpe:2.3:o:linux:linux_kernel:2.6.24:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.25:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.25.1:*:*:*:*:*:
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cpe:2.3:o:linux:linux_kernel:2.6.25.4:*:*:*:*:*:
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cpe:2.3:o:linux:linux_kernel:2.6.25.6:*:*:*:*:*:
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cpe:2.3:o:linux:linux_kernel:2.6.25.6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.25.7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.25.8:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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