

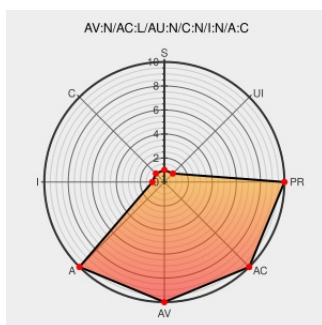


CVE-2009-1298

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CVE-2009-1298

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

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

The `ip_frag_reasm` function in `net/ipv4/ip_fragment.c` in the Linux kernel 2.6.32-rc8, and 2.6.29 and later versions before 2.6.32, calls `IP_INC_STATS_BH` with an incorrect argument, which allows remote attackers to cause a denial of service (NULL pointer dereference and hang) via long IP packets, possibly related to the `ip_defrag` function.

CVE-2009-1298 has been assigned by security@ubuntu.com to track the vulnerability

CVSS2 Score: **7.8 - HIGH**

Access
Vector

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

Linux devs exterminate security bugs from kernel • The Register

[www.theregister.co.uk
text/html](http://www.theregister.co.uk/text/html)

MISC
www.theregister.co.uk/2009/12/11/linux_kernel_bugs_patched/

[SECURITY] Fedora 11 Update: kernel-2.6.30.9-102.fc11

[www.redhat.com
text/html](http://www.redhat.com/text/html)

FEDORA FEDORA-2009-12786

404: File not found

[www.kernel.org
text/x-asm](http://www.kernel.org/text/x-asm)
Inactive Link **Not Archived**

CONFIRM www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.32

USN-869-1: Linux kernel vulnerabilities | Ubuntu

[www.ubuntu.com
text/html](http://www.ubuntu.com/text/html)

UBUNTU USN-869-1

kernel/git/torvalds/linux.git - Linux kernel source tree

[git.kernel.org
text/html](http://git.kernel.org/text/html)

CONFIRM git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git;a=commitdiff;h=bbf31bf18d34caa87dd01f08bf713635593697f2

Support / Security / Advisories / / MDVSA-2009:329 Mandriva	www.mandriva.com text/html	 MANDRIVA MDVSA-2009:329
[security-announce] SUSE Security Announcement: Linux kernel (SUSE- SA:20	lists.opensuse.org text/html	 SUSE SUSE-SA:2010:001
SUSE update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	web.archive.org text/html	 SECUNIA 38017
Fedora update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	Vendor Advisory web.archive.org text/html	 SECUNIA 37624
No Description Provided	www.osvdb.org Inactive Link Not Archived	 OSVDB 60788
[SECURITY] Fedora 12 Update: kernel-2.6.31.6-162.fc12	www.redhat.com text/html	 FEDORA FEDORA-2009-12825
Bug 544144 – CVE-2009-1298 kernel: ip_frag_reasm() NULL pointer dereference	bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=544144
SecurityFocus	www.securityfocus.com text/html	 BUGTRAQ 20091216 rPSA-2009-0161-1 hwdata kernel
JavaScript is not available.	nitter.domain.glass text/html	 MISC twitter.com/spendergrsec/statuses/6339560349
No Description Provided	wiki.rpath.com Inactive Link Not Archived	 CONFIRM wiki.rpath.com/Advisories:rPSA-2009-0161

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	2.6.28	All	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc5	All	All

System						
Operating System	Linux	Linux Kernel	2.6.28	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.28.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.29	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.29	rc2_git7	All	All
Operating System	Linux	Linux Kernel	2.6.29	rc8-kk	All	All
Operating System	Linux	Linux Kernel	2.6.29.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30	All	All	All

System						
Operating System	Linux	Linux Kernel	2.6.30	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc4	x86_32	All
Operating System	Linux	Linux Kernel	2.6.30	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc7-git6	All	All
Operating System	Linux	Linux Kernel	2.6.30.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc6	All	All

System						
Operating System	Linux	Linux Kernel	2.6.31	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc8	All	All
Operating System	Linux	Linux Kernel	2.6.31.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.28	All	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc6	All	All
Operating	Linux	Linux Kernel	2.6.28	rc7	All	All

System						
Operating System	Linux	Linux Kernel	2.6.28.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.28.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.29	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.29	rc2_git7	All	All
Operating System	Linux	Linux Kernel	2.6.29	rc8-kk	All	All
Operating System	Linux	Linux Kernel	2.6.29.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc1	All	All
Operating	Linux	Linux Kernel	2.6.30	rc2	All	All

System						
Operating System	Linux	Linux Kernel	2.6.30	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc4	x86_32	All
Operating System	Linux	Linux Kernel	2.6.30	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.30	rc7-git6	All	All
Operating System	Linux	Linux Kernel	2.6.30.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc7	All	All
Operating	Linux	Linux Kernel	2.6.31	rc8	All	All

System						
Operating System	Linux	Linux Kernel	2.6.31.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc7	All	All
Operating System	Linux	Linux Kernel	All	rc8	All	All
cpe:2.3:o:linux:linux_kernel:2.6.28:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc2:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc3:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc4:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc5:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc6:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28:rc7:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28.1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.28.10:*:*:*:*:*:						

cpe:2.3:o:linux:linux_kernel:2.6.28.2:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.3:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.4:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.5:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.6:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.7:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.8:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.28.9:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29:rc2:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29:rc2_git7:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29:rc8-kk:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29.1:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29.2:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29.3:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29.4:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29.5:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.29.6:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc1:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc2:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc3:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc4:x86_32:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc5:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc6:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30:rc7-git6:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30.1:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30.2:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:linux:linux_kernel:2.6.30.3:~::~~::~~::~~::~~::~~::~~:::

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cpe:2.3:o:linux:linux_kernel:2.6.30.6:*****:
cpe:2.3:o:linux:linux_kernel:2.6.30.7:*****:
cpe:2.3:o:linux:linux_kernel:2.6.30.8:*****:
cpe:2.3:o:linux:linux_kernel:2.6.30.9:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc1:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc2:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc3:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc4:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc5:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc6:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc7:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31:rc8:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31.1:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31.2:*****:
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cpe:2.3:o:linux:linux_kernel:2.6.31.4:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31.5:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31.6:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc1:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc3:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc4:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc5:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc6:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc7:*****:

cpe:2.3:o:linux:linux_kernel:2.6.28:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc4:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28:rc7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.10:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.4:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.8:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.28.9:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29:rc2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29:rc2_git7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29:rc8-kk:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29.1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29.2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29.3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29.4:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29.5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.29.6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.30:*:*:*:*:*:

```
cpe:2.3:o:linux:linux kernel:2.6.30:rc1:::*:*.*.*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30:rc2:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30:rc3:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30:rc4:x86_32:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30:rc5:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30:rc6:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30:rc7-git6:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.30.1:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.30.2:*:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux kernel:2.6.30.3:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30.4:*:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30.5:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30.6:*.:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30.7:::linux::
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30.8:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.30.9:*:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc1:::*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc2:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc3:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc4:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc5:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc6:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux kernel:2.6.31:rc7:*.:*:*:*.*
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31:rc8:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31.1:::*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:2.6.31.2:::~::~:
```

```
cpe:2.3:o:linux:linux kernel:2.6.31.3:*:*:*:*:*:
```

cpe:2.3:o:linux:linux_kernel:2.6.31.4:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31.5:*****:
cpe:2.3:o:linux:linux_kernel:2.6.31.6:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc1:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc3:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc4:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc5:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc6:*****:
cpe:2.3:o:linux:linux_kernel:2.6.32:rc7:*****:
cpe:2.3:o:linux:linux_kernel:*:rc8:*****:

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