



# CVE-2009-2844

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2009-2844                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | cve@mitre.org                                                                                                               |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2009-08-18 21:00:00 UTC                                                                                                     |
| <b>Updated</b>         | 2023-11-07 02:04:00 UTC                                                                                                     |
| <b>Description</b>     | cfg80211 in net/wireless/scan.c in the Linux kernel 2.6.30-rc1 and other versions before 2.6.31-rc6 allows remote attackers |

## Risk And Classification

### Problem Types: CWE-399

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                | Product                      | Version   | Update | Edition | Language |
|------------------|-----------------------|------------------------------|-----------|--------|---------|----------|
| Application      | <a href="#">Linux</a> | <a href="#">Kernel</a>       | 2.6.24.7  | All    | All     | All      |
| Application      | <a href="#">Linux</a> | <a href="#">Kernel</a>       | 2.6.25.15 | All    | All     | All      |
| Application      | <a href="#">Linux</a> | <a href="#">Kernel</a>       | 2.6.24.7  | All    | All     | All      |
| Application      | <a href="#">Linux</a> | <a href="#">Kernel</a>       | 2.6.25.15 | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6       | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.0     | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.1     | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.10    | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11    | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.1  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.10 | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.11 | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.12 | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.2  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.3  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.4  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.5  | All    | All     | All      |

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|                  |                       |                              |           |      |     |     |
|------------------|-----------------------|------------------------------|-----------|------|-----|-----|
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.15.5  | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.15.6  | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.15.7  | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16    | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.1  | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.10 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.11 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.12 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.13 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.14 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.15 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.16 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.17 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.18 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.19 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.2  | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.20 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.21 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.22 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.23 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.24 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.25 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.26 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.27 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.28 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.29 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.3  | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.30 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.31 | All  | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.31 | -rc1 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.31 | -rc2 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.31 | -rc3 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.16.31 | -rc4 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | All       | -rc5 | All | All |

| References                                                                                           |            |                                                                   |                                                                                                   |  |
|------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--|
| Reference                                                                                            | Source     | Link                                                              | T                                                                                                 |  |
| Linux Kernel Multiple Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com | SECUNIA    | <a href="https://secunia.com">secunia.com</a>                     |                                                                                                   |  |
| Linux Kernel 'cmp_ies()' Remote Null Pointer Dereference Vulnerability                               | BID        | <a href="https://www.securityfocus.com">www.securityfocus.com</a> |                                                                                                   |  |
| oss-security - CVE request: kernel: cfg80211: missing NULL pointer checks                            | MLIST      | <a href="https://www.openwall.com">www.openwall.com</a>           | P                                                                                                 |  |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                             |            | <a href="https://git.kernel.org">git.kernel.org</a>               |                                                                                                   |  |
| jon.oberheide.org/files/cfg80211-remote-dos.c                                                        | MISC       | <a href="https://jon.oberheide.org">jon.oberheide.org</a>         | P                                                                                                 |  |
| oss-security - Re: CVE request: kernel: cfg80211: missing NULL pointer checks                        | MLIST      | <a href="https://www.openwall.com">www.openwall.com</a>           | P                                                                                                 |  |
| 404: File not found                                                                                  | CONFIRM    | <a href="https://www.kernel.org">www.kernel.org</a>               |                                                                                                   |  |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                             | CONFIRM    | <a href="https://git.kernel.org">git.kernel.org</a>               | E                                                                                                 |  |
| CVE Program record                                                                                   | CVE.ORG    | <a href="https://www.cve.org">www.cve.org</a>                     | c                                                                                                 |  |
| NVD vulnerability detail                                                                             | NVD        | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                   | c                                                                                                 |  |
| <div><div></div><div></div></div>                                                                    |            |                                                                   |                                                                                                   |  |
| Vendor Comments And Credit                                                                           |            |                                                                   |                                                                                                   |  |
| Organization                                                                                         | Published  | Contributor                                                       | Statement                                                                                         |  |
| Red Hat                                                                                              | 2009-08-19 | Mark J Cox                                                        | Not vulnerable. This issue did not affect the versions of Linux kernel as shipped with Red Hat Er |  |
| <div><div></div><div></div></div>                                                                    |            |                                                                   |                                                                                                   |  |
| There are currently no legacy QID mappings associated with this CVE.                                 |            |                                                                   |                                                                                                   |  |

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