



# CVE-2009-3043

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

## Summary

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2009-3043                                                                                                                   |
| <b>State</b>           | PUBLIC                                                                                                                          |
| <b>Assigner</b>        | cve@mitre.org                                                                                                                   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                    |
| <b>Published</b>       | 2009-09-02 17:30:00 UTC                                                                                                         |
| <b>Updated</b>         | 2023-11-07 02:04:00 UTC                                                                                                         |
| <b>Description</b>     | The tty_ldisc_hangup function in drivers/char/tty_ldisc.c in the Linux kernel 2.6.31-rc before 2.6.31-rc8 allows local users to |

## Risk And Classification

### Problem Types: CWE-399

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                | Product                      | Version   | Update | Edition | Language |
|------------------|-----------------------|------------------------------|-----------|--------|---------|----------|
| 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      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.6  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.7  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.8  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.9  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.12    | All    | All     | All      |

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|------------------|-----------------------|------------------------------|-----------|-----|-----|-----|
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.30.1  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.30.2  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.30.3  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.30.4  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.30.5  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31    | rc1 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31    | rc2 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31    | rc3 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31    | rc6 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.4     | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.5     | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.6     | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.7     | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.8     | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.8.1   | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.9     | 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 |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.6  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.7  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.8  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.11.9  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.12    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.12.1  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.12.2  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.12.3  | All | All | All |

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|                  |                       |                              |          |     |     |     |
|------------------|-----------------------|------------------------------|----------|-----|-----|-----|
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.30.5 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31   | rc1 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31   | rc2 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31   | rc3 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.31   | rc6 | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.4    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.5    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.6    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.7    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.8    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.8.1  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.9    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | All      | rc7 | All | All |

| References                                                                                                            |         |        |
|-----------------------------------------------------------------------------------------------------------------------|---------|--------|
| Reference                                                                                                             | Source  | Impact |
| LKML: Dave Young: Re: v2.6.31-rc6: BUG: unable to handle kernel NULL pointer dereference at 0000000000000008          | MLIST   | Low    |
| git.kernel.org                                                                                                        |         | Source |
| LKML: (Eric W. Biederman): Re: v2.6.31-rc6: BUG: unable to handle kernel NULL pointer dereference at 0000000000000008 | MLIST   | Low    |
| LKML: (Eric W. Biederman): v2.6.31-rc6: BUG: unable to handle kernel NULL pointer dereference at 0000000000000008     | MLIST   | Low    |
| oss-security - Re: CVE request: kernel: tty: make sure to flush any pending work when halting the ldisc               | MLIST   | Low    |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                              | CONFIRM | Source |
| oss-security - Re: CVE request: kernel: tty: make sure to flush any pending work when halting the ldisc               | MLIST   | Low    |
| Linux Kernel 'drivers/char/tty_ldisc.c' NULL Pointer Dereference Denial of Service Vulnerability                      | BID     | Low    |
| oss-security - CVE request: kernel: tty: make sure to flush any pending work when halting the ldisc                   | MLIST   | Low    |
| 404: File not found                                                                                                   | CONFIRM | Low    |
| CVE Program record                                                                                                    | CVE.ORG | Low    |
| NVD vulnerability detail                                                                                              | NVD     | Low    |

| Vendor Comments And Credit |            |             |                                                                                                  |
|----------------------------|------------|-------------|--------------------------------------------------------------------------------------------------|
| Organization               | Published  | Contributor | Statement                                                                                        |
| Red Hat                    | 2009-09-03 | Tomas Hoger | Not vulnerable. This issue did not affect the versions of Linux kernel as shipped with Red Hat E |

There are currently no legacy QID mappings associated with this CVE.

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