



# CVE-2010-5328

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## Summary

|                        |                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2010-5328                                                                                                                  |
| <b>State</b>           | PUBLIC                                                                                                                         |
| <b>Assigner</b>        | cve@mitre.org                                                                                                                  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                   |
| <b>Published</b>       | 2017-02-06 06:59:00 UTC                                                                                                        |
| <b>Updated</b>         | 2017-03-29 01:59:00 UTC                                                                                                        |
| <b>Description</b>     | include/linux/init_task.h in the Linux kernel before 2.6.35 does not prevent signals with a process group ID of zero from reac |

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product      | Version | Update | Edition | Language |
|------------------|--------|--------------|---------|--------|---------|----------|
| Operating System | Linux  | Linux Kernel | All     | All    | All     | All      |

## References

| Reference                                                                                          | Source  | Link                                                                                    |
|----------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------|
| kernel/git/torvalds/linux.git - Linux kernel source tree                                           | CONFIRM | <a href="https://git.kernel.org/">git.kernel.org</a>                                    |
| Bug 1358840 – CVE-2010-5328 kernel: Processes having the same group as `init` can crash kernel     | CONFIRM | <a href="https://bugzilla.redhat.com/show_bug.cgi?id=1358840">bugzilla.redhat.com</a>   |
| Linux Kernel CVE-2010-5328 Local Denial of Service Vulnerability                                   | BID     | <a href="https://www.securityfocus.com/bid/40440">www.securityfocus.com</a>             |
| INIT_TASK() should initialize ->thread_group list · torvalds/linux@fa2755e · GitHub                | CONFIRM | <a href="https://github.com/torvalds/linux/pull/106000">github.com</a>                  |
| 404 Not Found                                                                                      | CONFIRM | <a href="https://ftp.naist.jp/">ftp.naist.jp</a>                                        |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                           | CONFIRM | <a href="https://git.kernel.org/">git.kernel.org</a>                                    |
| pids: fix fork_idle() to setup ->pids correctly · torvalds/linux@f106eee · GitHub                  | CONFIRM | <a href="https://github.com/torvalds/linux/pull/106000">github.com</a>                  |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                           | CONFIRM | <a href="https://git.kernel.org/">git.kernel.org</a>                                    |
| pids: init_struct_pid.tasks should never see the swapper process · torvalds/linux@f200114 · GitHub | CONFIRM | <a href="https://github.com/torvalds/linux/pull/106000">github.com</a>                  |
| oss-security - Re: CVE REQUEST: linux kernel: process with pgid zero able to crash                 | MLIST   | <a href="https://www.openwall.com/lists/oss-security/2010/02/06/1">www.openwall.com</a> |
| CVE Program record                                                                                 | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                                           |
| NVD vulnerability detail                                                                           | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                                         |

No vendor comments have been submitted for this CVE.

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

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