



# CVE-2007-3107

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

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2007-3107                                                                                                            |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                      |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2007-07-10 22:30:00 UTC                                                                                                  |
| <b>Updated</b>         | 2017-10-11 01:32:00 UTC                                                                                                  |
| <b>Description</b>     | The signal handling in the Linux kernel before 2.6.22, including 2.6.2, when running on PowerPC systems using HTX, allow |

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## 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> | 2.6.21.1 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.21.2 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.21.3 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.21.4 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.21.5 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.21.6 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 2.6.22.1 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | All      | All | All | All |

| References                                                                                                         |  |  |          |  |                                              |  |
|--------------------------------------------------------------------------------------------------------------------|--|--|----------|--|----------------------------------------------|--|
| Reference                                                                                                          |  |  | Source   |  | Link                                         |  |
| 37118                                                                                                              |  |  | OSVDB    |  | <a href="#">osvdb.org</a>                    |  |
| Security Announcement                                                                                              |  |  | SUSE     |  | <a href="#">www.suse.com</a>                 |  |
| 245580 – CVE-2007-3107 Data buffer miscompare on PowerPC when running HTX                                          |  |  | MISC     |  | <a href="#">bugzilla.redhat.com</a>          |  |
| Security Announcement                                                                                              |  |  | SUSE     |  | <a href="#">www.suse.com</a>                 |  |
| SUSE update for kernel - Advisories - Secunia                                                                      |  |  | SECUNIA  |  | <a href="#">secunia.com</a>                  |  |
| IBM X-Force Exchange                                                                                               |  |  | XF       |  | <a href="#">exchange.xforce.ibmcloud.com</a> |  |
| SUSE update for kernel - Advisories - Secunia                                                                      |  |  | SECUNIA  |  | <a href="#">secunia.com</a>                  |  |
| 404: File not found                                                                                                |  |  | CONFIRM  |  | <a href="#">kernel.org</a>                   |  |
| Red Hat update for kernel - Advisories - Secunia                                                                   |  |  | SECUNIA  |  | <a href="#">secunia.com</a>                  |  |
| rhn.redhat.com   Red Hat Support                                                                                   |  |  | REDHAT   |  | <a href="#">www.redhat.com</a>               |  |
| Linux Kernel Multiple Denial of Service Vulnerabilities - Advisories - Secunia                                     |  |  | SECUNIA  |  | <a href="#">secunia.com</a>                  |  |
| USN-574-1: Linux kernel vulnerabilities   Ubuntu                                                                   |  |  | UBUNTU   |  | <a href="#">www.ubuntu.com</a>               |  |
| Repository / Oval Repository                                                                                       |  |  | OVAL     |  | <a href="#">ovalinux.org</a>                 |  |
| Ubuntu update for kernel - Advisories - Secunia                                                                    |  |  | SECUNIA  |  | <a href="#">secunia.com</a>                  |  |
| SecurityTracker.com Archives - Linux Kernel Signal Handling Error on PowerPC Systems Lets Local Users Deny Service |  |  | SECTRACK |  | <a href="#">www.securitytracker.com</a>      |  |
| Linux PowerPC Kernel Restore_Sigcontext Local Denial of Service Vulnerability                                      |  |  | BID      |  | <a href="#">www.bids.cnn.com</a>             |  |
| CVE Program record                                                                                                 |  |  | CVE.ORG  |  | <a href="#">www.cve.org</a>                  |  |
| NVD vulnerability detail                                                                                           |  |  | NVD      |  | <a href="#">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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