



# CVE-2015-1420

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

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2015-1420                                                                                                                |
| <b>State</b>           | PUBLIC                                                                                                                       |
| <b>Assigner</b>        | cve@mitre.org                                                                                                                |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                 |
| <b>Published</b>       | 2015-03-16 10:59:00 UTC                                                                                                      |
| <b>Updated</b>         | 2016-12-28 02:59:00 UTC                                                                                                      |
| <b>Description</b>     | Race condition in the handle_to_path function in fs/handle.c in the Linux kernel through 3.19.1 allows local users to bypass |

## Risk And Classification

### Problem Types: CWE-362

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                 | Product                      | Version | Update | Edition | Language |
|------------------|------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Debian</a> | <a href="#">Debian Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a> | <a href="#">Debian Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Linux</a>  | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |

## References

| Reference                                                                  | Source  | Link                                                         | Tags |
|----------------------------------------------------------------------------|---------|--------------------------------------------------------------|------|
| USN-2661-1: Linux kernel (OMAP4) vulnerability   Ubuntu                    | UBUNTU  | <a href="http://www.ubuntu.com">www.ubuntu.com</a>           |      |
| oss-security - CVE-2015-1420 - Linux kernel fs/handle.c race condition     | MLIST   | <a href="http://www.openwall.com">www.openwall.com</a>       |      |
| [security-announce] SUSE-SU-2015:1224-1: important: Security update for    | SUSE    | <a href="http://lists.opensuse.org">lists.opensuse.org</a>   |      |
| USN-2665-1: Linux kernel (Vivid HWE) vulnerabilities   Ubuntu              | UBUNTU  | <a href="http://www.ubuntu.com">www.ubuntu.com</a>           |      |
| USN-2660-1: Linux kernel vulnerability   Ubuntu                            | UBUNTU  | <a href="http://www.ubuntu.com">www.ubuntu.com</a>           |      |
| 1187534 – (CVE-2015-1420) CVE-2015-1420 kernel: fs/handle.c race condition | CONFIRM | <a href="http://bugzilla.redhat.com">bugzilla.redhat.com</a> |      |
| [security-announce] SUSE-SU-2015:1478-1: important: Security update for    | SUSE    | <a href="http://lists.opensuse.org">lists.opensuse.org</a>   |      |
| [security-announce] SUSE-SU-2015:1611-1: important: Security update for    | SUSE    | <a href="http://lists.opensuse.org">lists.opensuse.org</a>   |      |
| '[PATCH v2] vfs: read file_handle only once in handle_to_path' - MARC      | MLIST   | <a href="http://marc.info">marc.info</a>                     |      |
| Debian -- Security Information -- DSA-3170-1 linux                         | DEBIAN  | <a href="http://www.debian.org">www.debian.org</a>           |      |
| [security-announce] openSUSE-SU-2015:1382-1: important: Security update    | SUSE    | <a href="http://lists.opensuse.org">lists.opensuse.org</a>   |      |

|                                                                         |         |                                                                   |                     |
|-------------------------------------------------------------------------|---------|-------------------------------------------------------------------|---------------------|
| [security-announce] SUSE-SU-2015:1592-1: important: Security update for | SUSE    | <a href="https://lists.opensuse.org">lists.opensuse.org</a>       |                     |
| USN-2667-1: Linux kernel vulnerabilities   Ubuntu                       | UBUNTU  | <a href="https://www.ubuntu.com">www.ubuntu.com</a>               |                     |
| Linux Kernel 'fs/fhandle.c' Local Race Condition Vulnerability          | BID     | <a href="https://www.securityfocus.com">www.securityfocus.com</a> |                     |
| CVE Program record                                                      | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                     | canonical           |
| NVD vulnerability detail                                                | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                   | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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