



# CVE-2018-6559

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

## Summary

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2018-6559                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                    |
| <b>Assigner</b>        | security@ubuntu.com                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                              |
| <b>Published</b>       | 2018-10-26 17:29:00 UTC                                                                                                   |
| <b>Updated</b>         | 2019-10-09 23:41:00 UTC                                                                                                   |
| <b>Description</b>     | The Linux kernel, as used in Ubuntu 18.04 LTS and Ubuntu 18.10, allows local users to obtain names of files in which they |

## Risk And Classification

### Problem Types: CWE-200

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                    | Product                      | Version | Update | Edition | Language |
|------------------|---------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 16.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 18.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 18.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 16.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 18.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 18.10   | All    | All     | All      |
| Operating System | <a href="#">Linux</a>     | <a href="#">Linux Kernel</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Linux</a>     | <a href="#">Linux Kernel</a> | -       | All    | All     | All      |

## References

| Reference                                                                                             | Source  | Link                                                             |
|-------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------|
| Linux Kernel CVE-2018-6559 Local Information Disclosure Vulnerability                                 | BID     | <a href="http://www.securityfocus.com">www.securityfocus.com</a> |
| USN-3832-1: Linux kernel (AWS) vulnerabilities   Ubuntu security notices                              | UBUNTU  | <a href="http://usn.ubuntu.com">usn.ubuntu.com</a>               |
| [PATCH 0/1][B] CVE-2018-6559 - Filename information disclosure in overlaysfs                          | CONFIRM | <a href="http://lists.ubuntu.com">lists.ubuntu.com</a>           |
| USN-3835-1: Linux kernel vulnerabilities   Ubuntu security notices                                    | UBUNTU  | <a href="http://usn.ubuntu.com">usn.ubuntu.com</a>               |
| CVE-2018-6559 in Ubuntu                                                                               | CONFIRM | <a href="http://people.canonical.com">people.canonical.com</a>   |
| Bug #1793458 "Overlaysfs in user namespace leaks directory conten..." : Bugs : linux package : Ubuntu | CONFIRM | <a href="http://launchpad.net">launchpad.net</a>                 |

|                                                                          |         |                                                     |
|--------------------------------------------------------------------------|---------|-----------------------------------------------------|
| USN-3836-1: Linux kernel vulnerabilities   Ubuntu security notices       | UBUNTU  | <a href="https://usn.ubuntu.com">usn.ubuntu.com</a> |
| USN-3836-2: Linux kernel (HWE) vulnerabilities   Ubuntu security notices | UBUNTU  | <a href="https://usn.ubuntu.com">usn.ubuntu.com</a> |
| USN-3833-1: Linux kernel (AWS) vulnerabilities   Ubuntu security notices | UBUNTU  | <a href="https://usn.ubuntu.com">usn.ubuntu.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>     |



Vendor Comments And Credit

Discovery Credit  
**LEGACY:** Philipp Wendler

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