



# CVE-2016-10147

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

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2016-10147                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                       |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                          |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                 |
| <b>Published</b>       | 2017-01-18 21:59:00 UTC                                                                                                      |
| <b>Updated</b>         | 2023-02-12 23:16:00 UTC                                                                                                      |
| <b>Description</b>     | crypto/mcryptd.c in the Linux kernel before 4.8.15 allows local users to cause a denial of service (NULL pointer dereference |

## Risk And Classification

### Problem Types: CWE-476

## 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                                  |
|-------------------------------------------------------------------------------------------------------|---------|---------------------------------------|
| Red Hat Customer Portal                                                                               | REDHAT  | <a href="#">access.redhat.com</a>     |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                              | CONFIRM | <a href="#">git.kernel.org</a>        |
| crypto: mcryptd - Check mcryptd algorithm compatibility · torvalds/linux@48a9927 · GitHub             | CONFIRM | <a href="#">github.com</a>            |
| 'Crash in crypto mcryptd' - MARC                                                                      | MLIST   | <a href="#">marc.info</a>             |
| Bug 1404200 – CVE-2016-10147 kernel: Kernel crash by spawning mcrypt(alg) with incompatible algorithm | CONFIRM | <a href="#">bugzilla.redhat.com</a>   |
| www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.8.15                                                 | CONFIRM | <a href="#">www.kernel.org</a>        |
| CVE-2016-10147 - Red Hat Customer Portal                                                              | MISC    | <a href="#">access.redhat.com</a>     |
| Linux Kernel 'crypto/mcryptd.c' Denial of Service Vulnerability                                       | BID     | <a href="#">www.securityfocus.com</a> |
| oss-security - CVE request -- linux kernel: crash by spawning mcrypt(alg) with incompatible algorithm | MLIST   | <a href="#">www.openwall.com</a>      |
| Red Hat Customer Portal                                                                               | REDHAT  | <a href="#">access.redhat.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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