



# CVE-2019-19047

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-19047                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2019-11-18 06:15:00 UTC                                                                                                    |
| <b>Updated</b>         | 2020-08-24 17:37:00 UTC                                                                                                    |
| <b>Description</b>     | A memory leak in the mlx5_fw_fatal_reporter_dump() function in drivers/net/ethernet/mellanox/mlx5/core/health.c in the Lin |

## Risk And Classification

**Problem Types:** CWE-401

## 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> | 18.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 19.10   | 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> | 19.10   | All    | All     | All      |
| Operating System | <a href="#">Linux</a>     | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Linux</a>     | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |

## References

| Reference                                                                                  | Source  | Link                                | Tags      |
|--------------------------------------------------------------------------------------------|---------|-------------------------------------|-----------|
| November 2019 Linux Kernel Vulnerabilities in NetApp Products   NetApp Product Security    | CONFIRM | <a href="#">security.netapp.com</a> | Third Par |
| USN-4225-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu                | UBUNTU  | <a href="#">usn.ubuntu.com</a>      | Third Par |
| net/mlx5: fix memory leak in mlx5_fw_fatal_reporter_dump · torvalds/linux@c7ed6d0 · GitHub | MISC    | <a href="#">github.com</a>          | Patch, Tr |
| cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.3.11                                      | MISC    | <a href="#">cdn.kernel.org</a>      | Release I |
| CVE Program record                                                                         | CVE.ORG | <a href="#">www.cve.org</a>         | canonical |
| NVD vulnerability detail                                                                   | NVD     | <a href="#">nvd.nist.gov</a>        | canonical |

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](#)

**CVE.report and Source URL Uptime Status** [status.cve.report](#)