



# CVE-2017-8066

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-8066                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2017-04-23 05:59:00 UTC                                                                                                    |
| <b>Updated</b>         | 2017-04-27 18:30:00 UTC                                                                                                    |
| <b>Description</b>     | drivers/net/can/usb/gs_usb.c in the Linux kernel 4.9.x and 4.10.x before 4.10.2 interacts incorrectly with the CONFIG_VMAI |

## Risk And Classification

### Problem Types: CWE-119

## 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> | 4.10    | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.10.1  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9     | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.1   | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.10  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.11  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.12  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.13  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.14  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.15  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.16  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.17  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.18  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.19  | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.2   | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.3   | All    | All     | All      |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.4   | All    | All     | All      |

|                  |                       |                              |        |     |     |     |
|------------------|-----------------------|------------------------------|--------|-----|-----|-----|
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.5  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.6  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.8  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.9  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.10   | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.10.1 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9    | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.1  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.10 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.11 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.12 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.13 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.14 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.15 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.16 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.17 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.18 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.19 | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.2  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.3  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.4  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.5  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.6  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.8  | All | All | All |
| Operating System | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.9.9  | All | All | All |

| References                                                                              |         |                                       |           |
|-----------------------------------------------------------------------------------------|---------|---------------------------------------|-----------|
| Reference                                                                               | Source  | Link                                  | Tags      |
| oss-security - Silently (or obviously) partially-fixed CONFIG_STRICT_DEVMEM bypass      | MLIST   | <a href="#">www.openwall.com</a>      | Mailing L |
| Linux Kernel CVE-2017-8066 Local Denial of Service Vulnerability                        | BID     | <a href="#">www.securityfocus.com</a> | Third Pa  |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                | CONFIRM | <a href="#">git.kernel.org</a>        | Patch     |
| can: gs_usb: Don't use stack memory for USB transfers · torvalds/linux@c919a30 · GitHub | CONFIRM | <a href="#">github.com</a>            | Patch     |
| www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.10.2                                   | CONFIRM | <a href="#">www.kernel.org</a>        | Release   |
| CVE Program record                                                                      | CVE.ORG | <a href="#">www.cve.org</a>           | canonica  |
| NVD vulnerability detail                                                                | NVD     | <a href="#">nvd.nist.gov</a>          | canonica  |

No vendor comments have been submitted for this CVE.

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

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