



# CVE-2017-9242

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-9242                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2017-05-27 01:29:00 UTC                                                                                                    |
| <b>Updated</b>         | 2018-01-05 02:31:00 UTC                                                                                                    |
| <b>Description</b>     | The __ip6_append_data function in net/ipv6/ip6_output.c in the Linux kernel through 4.11.3 is too late in checking whether |

## Risk And Classification

### Problem Types: CWE-20

## 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                                                             | Tags           |
|----------------------------------------------------------------------------------------|---------|------------------------------------------------------------------|----------------|
| [net] ipv6: fix out of bound writes in __ip6_append_data() - Patchwork                 | CONFIRM | <a href="http://patchwork.ozlabs.org">patchwork.ozlabs.org</a>   | Broken Link    |
| Red Hat Customer Portal                                                                | REDHAT  | <a href="http://access.redhat.com">access.redhat.com</a>         |                |
| kernel/git/torvalds/linux.git - Linux kernel source tree                               | CONFIRM | <a href="http://git.kernel.org">git.kernel.org</a>               | Issue Tracking |
| Debian -- Security Information -- DSA-3886-1 linux                                     | DEBIAN  | <a href="http://www.debian.org">www.debian.org</a>               |                |
| ipv6: fix out of bound writes in __ip6_append_data() · torvalds/linux@232cd35 · GitHub | CONFIRM | <a href="http://github.com">github.com</a>                       | Issue Tracking |
| Linux kernel CVE-2017-9242 Local Denial of Service Vulnerability                       | BID     | <a href="http://www.securityfocus.com">www.securityfocus.com</a> | Third Party A  |
| Red Hat Customer Portal                                                                | REDHAT  | <a href="http://access.redhat.com">access.redhat.com</a>         |                |
| CVE Program record                                                                     | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>                     | canonical      |
| NVD vulnerability detail                                                               | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                   | canonical, au  |

No vendor comments have been submitted for this CVE.

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

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