



# CVE-2017-14106

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## Summary

|                        |                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-14106                                                                                                                                                                   |
| <b>State</b>           | PUBLIC                                                                                                                                                                           |
| <b>Assigner</b>        | cve@mitre.org                                                                                                                                                                    |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                                                                     |
| <b>Published</b>       | 2017-09-01 16:29:00 UTC                                                                                                                                                          |
| <b>Updated</b>         | 2023-11-07 02:38:00 UTC                                                                                                                                                          |
| <b>Description</b>     | The tcp_disconnect function in net/ipv4/tcp.c in the Linux kernel before 4.12 allows local users to cause a denial of service (DoS) by sending a SYN flood to the target system. |

## Risk And Classification

### Problem Types: CWE-369

## 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                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Red Hat Customer Portal                                                                                                                         |
| Re: net/ipv4: divide error in __tcp_select_window                                                                                               |
| Red Hat Customer Portal                                                                                                                         |
| Red Hat Customer Portal                                                                                                                         |
| Linux Kernel Divide-by-Zero Error in tcp_disconnect() Lets Local Users Cause Denial of Service Conditions on the Target System - SecurityTrails |
| Red Hat Customer Portal                                                                                                                         |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                                                        |
| [security-announce] SUSE-SU-2018:0011-1: important: Security update for                                                                         |
| tcp: initialize rcv_mss to TCP_MIN_MSS instead of 0 · torvalds/linux@499350a · GitHub                                                           |
| Debian -- Security Information -- DSA-3981-1 linux                                                                                              |
| Re: net/ipv4: divide error in __tcp_select_window                                                                                               |
| Red Hat Customer Portal                                                                                                                         |
| Linux kernel CVE-2017-14106 Local Denial of Service Vulnerability                                                                               |

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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