# CVE-2013-1929

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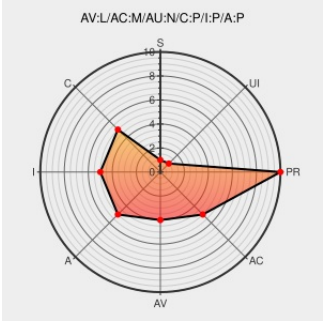
## CVE-2013-1929

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Linux Kernel from Linux contain the following vulnerability:

Heap-based buffer overflow in the tg3_read_vpd function in drivers/net/ethernet/broadcom/tg3.c in the Linux kernel before 3.8.6 allows physically proximate attackers to cause a denial of service (system crash) or possibly execute arbitrary code via crafted firmware that specifies a long string in the Vital Product Data (VPD) data structure.

CVE-2013-1929 has been assigned by secalert@redhat.com to track the vulnerability

### CVSS2 Score: 4.4 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| LOCAL | MEDIUM | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| PARTIAL | PARTIAL | PARTIAL |

### CVE References

| Description | Tags | Link |
|---|---|---|
| USN-1836-1: Linux kernel (OMAP4) vulnerabilities \| Ubuntu | www.ubuntu.com text/html | UBUNTU USN-1836-1 |
| [SECURITY] Fedora 18 Update: kernel-3.8.6-203.fc18 | lists.fedoraproject.org text/html | FEDORA FEDORA-2013-5368 |
| kernel/git/torvalds/linux.git - Linux kernel source tree | web.archive.org text/html Inactive Link Not Archived | MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=715230a44310a8cf66fbfb5a46f9a62a9b2de424 |
| Red Hat Customer Portal | web.archive.org text/html | REDHAT RHSA-2013:1645 |

| | | |
|---|---|---|
| | Inactive Link Not Archived | |
| | www.kernel.org text/plain | CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.8.6 |
| [security-announce] SUSE-SU-2013:1473-1: important: Security update for | lists.opensuse.org text/html | SUSE SUSE-SU-2013:1473 |
| tg3: fix length overflow in VPD firmware parsing · torvalds/linux@715230a · GitHub | Exploit Patch github.com text/html | CONFIRM github.com/torvalds/linux/commit/715230a44310a8cf66fbfb5a46f9a62a9b2de424 |
| oss-security - Re: CVE Request: tg3 VPD firmware -> driver injection | www.openwall.com text/html | MLIST [oss-security] 20130405 Re: CVE Request: tg3 VPD firmware -> driver injection |
| | Exploit cansecwest.com application/pdf | MISC cansecwest.com/slides/2013/PrivateCore%20CSW%202013.pdf |
| USN-1834-1: Linux kernel (Quantal HWE) vulnerabilities \| Ubuntu | www.ubuntu.com text/html | UBUNTU USN-1834-1 |
| USN-1838-1: Linux kernel (OMAP4) vulnerabilities \| Ubuntu | www.ubuntu.com text/html | UBUNTU USN-1838-1 |
| Bug 949932 – CVE-2013-1929 Kernel: tg3: buffer overflow in VPD firmware parsing | bugzilla.redhat.com text/html | CONFIRM bugzilla.redhat.com/show_bug.cgi?id=949932 |
| Support / Security / Advisories / / MDVSA-2013:176 \| Mandriva | www.mandriva.com text/html | MANDRIVA MDVSA-2013:176 |
| USN-1835-1: Linux kernel vulnerabilities \| Ubuntu | www.ubuntu.com text/html | UBUNTU USN-1835-1 |
| [security-announce] SUSE-SU-2013:1474-1: important: Security update for | lists.opensuse.org text/html | SUSE SUSE-SU-2013:1474 |
| openSUSE-SU-2013:1971-1: moderate: kernel: security and bugfix update | lists.opensuse.org text/html | SUSE openSUSE-SU-2013:1971 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Linux | Linux Kernel | 3.8.0 | All | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Operating System | Linux | Linux Kernel | 3.8.1 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.2 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.3 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.4 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.0 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.1 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.2 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.3 | All | All | All |
| Operating System | Linux | Linux Kernel | 3.8.4 | All | All | All |
| Operating System | Linux | Linux Kernel | All | All | All | All |

cpe:2.3:o:linux:linux_kernel:3.8.0:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.1:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.2:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.3:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.4:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.0:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.1:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.2:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.3:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.4:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

**CVE.report and Source URL Uptime Status status.cve.report**