# CVE Detail – CVE-2009-2698

The udp\_sendmsg function in the UDP implementation in (1) net/ipv4/udp.c and (2) net/ipv6/udp.c in the Linux kernel before 2.6.19 allows local users to gain privileges or cause a denial of service (NULL pointer dereference and system crash) via vectors involving the MSG\_MORE flag and a UDP socket.

## Threat-Mapped Scoring

Score: 1.5

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.95485

## CVSS Scoring

CVSS v3.1 Score: 7.8

Severity: HIGH

## Mapped CWE(s)

* CWE-476: NULL Pointer Dereference

## Affected Products

* cpe:2.3:o:linux:linux\_kernel:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:6.06:\*:\*:\*:lts:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:8.04:\*:\*:\*:lts:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:8.10:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:9.04:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:suse:linux\_enterprise\_desktop:10:sp2:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:suse:linux\_enterprise\_server:9:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:suse:linux\_enterprise\_server:10:sp2:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:10:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_desktop:4.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_desktop:5.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_eus:4.8:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_eus:5.3:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_server:4.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_server:5.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_server\_aus:5.3:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_workstation:4.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:redhat:enterprise\_linux\_workstation:5.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:vmware:vcenter\_server:4.0:-:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:vmware:esxi:4.0:\*:\*:\*:\*:\*:\*:\*