# CVE Detail – CVE-2009-2768

The load\_flat\_shared\_library function in fs/binfmt\_flat.c in the flat subsystem in the Linux kernel before 2.6.31-rc6 allows local users to cause a denial of service (NULL pointer dereference and system crash) or possibly have unspecified other impact by executing a shared flat binary, which triggers an access of an "uninitialized cred pointer."

## Threat-Mapped Scoring

Score: 1.5

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.25681

## CVSS Scoring

CVSS v3.1 Score: 7.8

Severity: HIGH

## Mapped CWE(s)

* CWE-476: NULL Pointer Dereference
* CWE-824: Access of Uninitialized Pointer

## Affected Products

* cpe:2.3:o:linux:linux\_kernel:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:linux:linux\_kernel:2.6.31:rc1:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:linux:linux\_kernel:2.6.31:rc2:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:linux:linux\_kernel:2.6.31:rc3:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:linux:linux\_kernel:2.6.31:rc4:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:linux:linux\_kernel:2.6.31:rc5:\*:\*:\*:\*:\*:\*