



CVE-2010-3698

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2010-3698
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-11-26 19:00:07 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The KVM implementation in the Linux kernel before 2.6.36 does not properly reload the FS and GS segment registers, which

Risk And Classification

Primary CVSS: v2.0 4.9 from nvd@nist.gov

AV:L/AC:L/Au:N/C:N/I:N/A:C

Problem Types: CWE-400 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	13	All	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference			Source	Link		
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-364da2661108	www.vupen.c		
mandriva.com			af854a3a-2127-422b-91ae-364da2661108	www.mandriva.com		
kernel/git/torvalds/linux.git - Linux kernel source tree			af854a3a-2127-422b-91ae-364da2661108	git.kernel.org		
[SECURITY] Fedora 13 Update: kernel-2.6.34.7-66.fc13			af854a3a-2127-422b-91ae-364da2661108	lists.fedoraproject.org		
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-364da2661108	www.vupen.c		
Fedora update for kernel - Advisories - Community			af854a3a-2127-422b-91ae-364da2661108	secunia.com		
Support			af854a3a-2127-422b-91ae-364da2661108	www.redhat.com		
404: File not found			af854a3a-2127-422b-91ae-364da2661108	www.kernel.org		
Bug 639879 – CVE-2010-3698 kvm: invalid selector in fs/gs causes kernel panic			af854a3a-2127-422b-91ae-364da2661108	bugzilla.redhat.com		
Support			af854a3a-2127-422b-91ae-364da2661108	www.redhat.com		
Linux Kernel Invalid 'fs' and 'gs' Registry Denial of Service Vulnerability			af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.com		
kernel/git/torvalds/linux.git - Linux kernel source tree			MITRE	git.kernel.org		
CVE Program record			CVE.ORG	www.cve.org		
NVD vulnerability detail			NVD	nvd.nist.gov		
No vendor comments have been submitted for this CVE.						
There are currently no legacy QID mappings associated with this CVE.						