CVE-2010-5331

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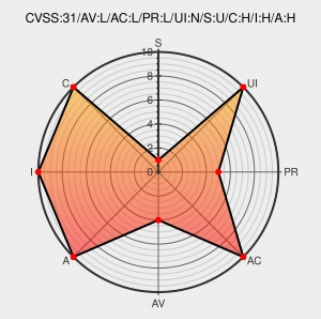
CVE-2010-5331

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



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

** DISPUTED ** In the Linux kernel before 2.6.34, a range check issue in drivers/gpu/drm/radeon/atombios.c could cause an off by one (buffer overflow) problem. NOTE: At least one Linux maintainer believes that this CVE is incorrectly assigned and should be rejected because the value is hard coded and are not user-controllable where it is used.

CVE-2010-5331 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 4.6 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
drivers/gpu/drm/radeon/radeon_atombios.c: range check issues · torvalds/linux@0031c41 · GitHub	Patch Third Party Advisory github.com	MISC github.com/torvalds/linux/commit/0031c41be5c529f8329e327b63cc

	text/html	
1743598 – (CVE-2010-5331) CVE-2010-5331 kernel: range check issue in drivers/gpu/drm/radeon/atombios.c leads to buffer overflow	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=CVE-2010-5331
404: File not found	Broken Link mirrors.edge.kernel.org text/html Inactive Link Not Archived	MISC mirrors.edge.kernel.org/pub/linux/kernel/v2.6/ChangeLog-
No Description Provided	Third Party Advisory support.f5.com text/html	CONFIRM support.f5.com/csp/article/K33183814?utm_source=f5support&utm_medium=RSS
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch Vendor Advisory git.kernel.org text/html	MISC git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=0031c41be5c529f8329e327b63cde92ba1284842

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	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

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

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

No vendor comments have been submitted for this CVE

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