

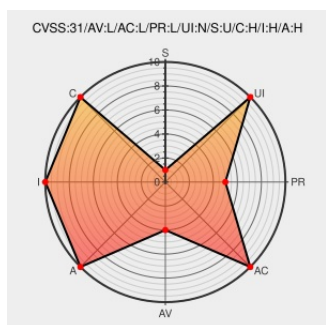


CVE-2010-5331

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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 [M](#) 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

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/cgiit/linux/kernel/git/torvalds/linux.git/commit?id=0031c41be5c529f8329e327b63cde92ba1284842

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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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