

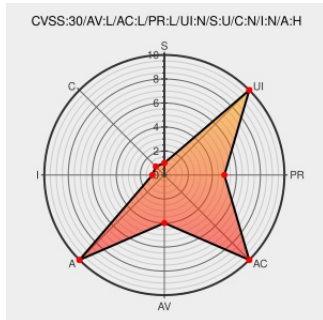


CVE-2006-5331

Published on: 10/29/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:25:02 PM UTC

CVE-2006-5331

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

The `altivec_unavailable_exception` function in `arch/powerpc/kernel/traps.c` in the Linux kernel before 2.6.19 on 64-bit systems mishandles the case where `CONFIG_ALTIVEC` is defined and the CPU actually supports AltiVec, but the AltiVec support was not detected by the kernel, which allows local users to cause a denial of service (panic) by triggering execution of an AltiVec instruction.

CVE-2006-5331 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.9 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	Issue Tracking Patch	CONFIRM git.kernel.org/cgiit/linux/kernel/git/torvalds/linux.git/commit/?id=6c4841c2b6c32a134f9f36e5e08857138cc12b10

Third Party Advisorygit.kernel.orgtext/html

Bug 213229 – VUL-0: CVE-2006-5331: kernel: altivec DoS

Issue TrackingPatchThird Party Advisorybugzilla.suse.comtext/html

CONFIRM bugzilla.suse.com/show_bug.cgi?id=213229

Issue TrackingPatchThird Party Advisorywww.linuxgrill.comtext/plain

CONFIRM www.linuxgrill.com/anonymous/kernel/v2.6/ChangeLog-2.6.19

[POWERPC] Never panic when taking altivec exceptions from userspace · torvalds/linux@6c4841c · GitHub

Issue TrackingPatchThird Party Advisorygithub.comtext/html

CONFIRM github.com/torvalds/linux/commit/6c4841c2b6c32a134f9f36e5e08857138cc12b10

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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

← Previous ID

Next ID→

© CVE.report 2023 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)