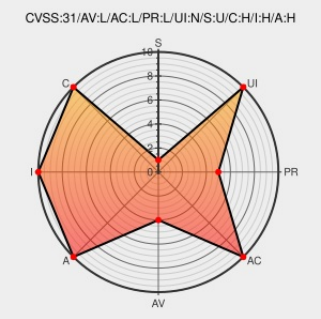
CVE-2011-1771

Published on: 09/06/2011 12:00:00 AM UTC

Last Modified on: 02/13/2023 04:30:00 AM UTC

CVE-2011-1771

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



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

The cifs_close function in fs/cifs/file.c in the Linux kernel before 2.6.39 allows local users to cause a denial of service (NULL pointer dereference and BUG) or possibly have unspecified other impact by setting the O_DIRECT flag during an attempt to open a file on a CIFS filesystem.

CVE-2011-1771 has been assigned by secalert@redhat.com 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: 4.4 - MEDIUM

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

CVE References

Description	Tags	Link
703016 – (CVE-2011-1771) CVE-2011-1771 kernel: cifs oops when creating file with O_DIRECT set	Exploit, Issue Tracking, Patch, Third Party Advisory	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=703016

O_DIRECT set	Third Party Advisory bugzilla.redhat.com text/html	
kernel/git/torvalds/linux.git - Linux kernel source tree	web.archive.org text/html Inactive Link Not Archived	MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=7797069305d13252fd66cf722aa8f2cbeb3c95cd
404: File not found	Release Notes Vendor Advisory www.kernel.org text/html Inactive Link Not Archived	CONFIRM www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.39
'Re: Repeatable crash in 2.6.38 related to O_DIRECT' - MARC	Third Party Advisory marc.info text/html	MLIST [linux-cifs] 20110405 Re: Repeatable crash in 2.6.38 related to O_DIRECT
linux kernel 2.6.38 related to O_DIRECT crash - SecurityReason.com	Third Party Advisory securityreason.com text/html	SREASON 8367
'Repeatable crash in 2.6.38 related to O_DIRECT' - MARC	Exploit Third Party Advisory marc.info text/html	MLIST [linux-cifs] 20110405 Repeatable crash in 2.6.38 related to O_DIRECT
oss-security - CVE-2011-1771 kernel: cifs oops when creating file with O_DIRECT set	Exploit Mailing List Patch Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20110509 CVE-2011-1771 kernel: cifs oops when creating file with O_DIRECT set

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 and Source URL Uptime Status status.cve.report