



CVE-2010-1641

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2010-1641
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-06-01 20:30:00 UTC
Updated	2023-02-13 04:19:00 UTC
Description	The do_gfs2_set_flags function in fs/gfs2/file.c in the Linux kernel before 2.6.34-git10 does not verify the ownership of a file

Risk And Classification

Problem Types: CWE-264

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.6.0	All	All	All
Operating System	Linux	Linux Kernel	2.6.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	All	All	All

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Operating System	Linux	Linux Kernel	2.6.17.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.23.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All

Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.33.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.33.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.34	git1	All	All
Operating System	Linux	Linux Kernel	2.6.34	git2	All	All
Operating System	Linux	Linux Kernel	2.6.34	git3	All	All
Operating System	Linux	Linux Kernel	2.6.34	git4	All	All
Operating System	Linux	Linux Kernel	2.6.34	git5	All	All
Operating System	Linux	Linux Kernel	2.6.34	git6	All	All
Operating System	Linux	Linux Kernel	2.6.34	git7	All	All
Operating System	Linux	Linux Kernel	2.6.34	git8	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1	All	All	All

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Operating System	Linux	Linux Kernel	2.6.22.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.23.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.7	All	All	All
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Operating System	Linux	Linux Kernel	2.6.24	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.33.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.33.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.34	git1	All	All
Operating System	Linux	Linux Kernel	2.6.34	git2	All	All
Operating System	Linux	Linux Kernel	2.6.34	git3	All	All
Operating System	Linux	Linux Kernel	2.6.34	git4	All	All

Operating System	Linux	Linux Kernel	2.6.34	git4	All	All
Operating System	Linux	Linux Kernel	2.6.34	git5	All	All
Operating System	Linux	Linux Kernel	2.6.34	git6	All	All
Operating System	Linux	Linux Kernel	2.6.34	git7	All	All
Operating System	Linux	Linux Kernel	2.6.34	git8	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.9	All	All	All
Operating System	Linux	Linux Kernel	All	git9	All	All

References						
Reference				Source	Link	
IBM X-Force Exchange				XF	exchange.xforce.ibmcloud.com	
kernel/git/torvalds/linux.git - Linux kernel source tree				CONFIRM	git.kernel.org	
[Cluster-devel] [PATCH 3/3] GFS2: Fix permissions checking for setflags				MLIST	www.redhat.com	
SecurityFocus				BUGTRAQ	www.securityfocus.com	
VMSA-2011-0003				CONFIRM	www.vmware.com	
Security Advisory SA40645 - SUSE update for kernel - Secunia				SECUNIA	secunia.com	
oss-security - CVE request - kernel: GFS2: The setflags ioctl() doesn't check file ownership				MLIST	www.openwall.com	
oss-security - Re: CVE request - kernel: GFS2: The setflags ioctl() doesn't check file ownership				MLIST	www.openwall.com	
Repository / Oval Repository				OVAL	oval.cisecurity.org	
Linux Kernel GFS2 File Attribute Security Bypass Vulnerability				BID	www.securityfocus.com	
kernel/git/torvalds/linux.git - Linux kernel source tree				MISC	git.kernel.org	
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20				SUSE	lists.opensuse.org	
404: File not found				CONFIRM	www.kernel.org	

[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
VMware ESX Server Multiple Kernel Vulnerabilities - Advisories - Community	SECUNIA	secunia.com
oss-security - Re: CVE request - kernel: GFS2: The setflags ioctl() doesn't check file ownership	MLIST	www.openwall.com
Bug 595579 – CVE-2010-1641 kernel: GFS2: The setflags ioctl() doesn't check file ownership	CONFIRM	bugzilla.redhat.com
Webmail - OVH	VUPEN	www.vupen.com
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.

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