



CVE-2013-4591

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

Summary

CVE	CVE-2013-4591
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-11-20 13:19:00 UTC
Updated	2023-02-13 04:48:00 UTC
Description	Buffer overflow in the __nfs4_get_acl_uncached function in fs/nfs/nfs4proc.c in the Linux kernel before 3.7.2 allows local users to execute arbitrary code with root privileges.

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.0	rc1	All	All
Operating System	Linux	Linux Kernel	3.0	rc2	All	All
Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All
Operating System	Linux	Linux Kernel	3.0	rc6	All	All
Operating System	Linux	Linux Kernel	3.0	rc7	All	All
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Operating System	Linux	Linux Kernel	3.0.12	All	All	All
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Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All
Operating System	Linux	Linux Kernel	3.0.18	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	3.0.50	All	All	All
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[illegible]

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

References						
Reference					Source	Link
Bug 1031678 – CVE-2013-4591 kernel: nfs: missing check for buffer length in __nfs4_get_acl_uncached					CONFIRM	bugzilla
NFSv4: Check for buffer length in __nfs4_get_acl_uncached · torvalds/linux@7d3e91a · GitHub					CONFIRM	github.c
kernel/git/torvalds/linux.git - Linux kernel source tree					CONFIRM	git.kern
Red Hat Customer Portal					REDHAT	rhn.redl
Red Hat Customer Portal					REDHAT	rhn.redl
git.kernel.org					MISC	git.kern
oss-security - CVE-2013-4591 -- Linux kernel: kernel: nfs: missing check for buffer length in __nfs4_get_acl_uncached					MLIST	www.op
Linux Kernel ' __nfs4_get_acl_uncached()' Function Local Buffer Overflow Vulnerability					BID	www.se
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.7.2					CONFIRM	www.ke
CVE Program record					CVE.ORG	www.cv
NVD vulnerability detail					NVD	nvd.nist

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.