



CVE-2013-4512

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Summary

CVE	CVE-2013-4512
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-11-12 14:35:00 UTC
Updated	2023-02-13 04:47:00 UTC
Description	Buffer overflow in the exitcode_proc_write function in arch/um/kernel/exitcode.c in the Linux kernel before 3.12 allows local

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
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
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
Operating System	Linux	Linux Kernel	3.0.51	All	All	All
Operating System	Linux	Linux Kernel	3.0.52	All	All	All
Operating System	Linux	Linux Kernel	3.0.53	All	All	All
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Operating System	Linux	Linux Kernel	3.0.59	All	All	All
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Operating System	Linux	Linux Kernel	3.0.67	All	All	All
Operating System	Linux	Linux Kernel	3.0.68	All	All	All
Operating System	Linux	Linux Kernel	3.0.7	All	All	All
Operating System	Linux	Linux Kernel	3.0.8	All	All	All
Operating System	Linux	Linux Kernel	3.0.9	All	All	All
Operating System	Linux	Linux Kernel	3.1	All	All	All
Operating System	Linux	Linux Kernel	3.1	rc1	All	All
Operating System	Linux	Linux Kernel	3.1	rc2	All	All
Operating System	Linux	Linux Kernel	3.1	rc3	All	All
Operating System	Linux	Linux Kernel	3.1	rc4	All	All
Operating System	Linux	Linux Kernel	3.1.1	All	All	All
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Operating System	Linux	Linux Kernel	3.1.5	All	All	All
Operating System	Linux	Linux Kernel	3.1.6	All	All	All
Operating System	Linux	Linux Kernel	3.1.7	All	All	All

Operating System	Linux	Linux Kernel	3.1.7	All	All	All
Operating System	Linux	Linux Kernel	3.1.8	All	All	All
Operating System	Linux	Linux Kernel	3.1.9	All	All	All
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Operating System	Linux	Linux Kernel	3.10.9	All	All	All
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Operating System	Linux	Linux Kernel	3.11.2	All	All	All
Operating System	Linux	Linux Kernel	3.11.3	All	All	All
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Operating System	Linux	Linux Kernel	3.11.6	All	All	All
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Operating System	Linux	Linux Kernel	3.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	rc2	All	All
Operating System	Linux	Linux Kernel	3.2	rc3	All	All
Operating System	Linux	Linux Kernel	3.2	rc4	All	All
Operating System	Linux	Linux Kernel	3.2	rc5	All	All
Operating System	Linux	Linux Kernel	3.2	rc6	All	All

Operating System	Linux	Linux Kernel	3.2	rc7	All	All
Operating System	Linux	Linux Kernel	3.2.1	All	All	All
Operating System	Linux	Linux Kernel	3.2.1	All	All	All
Operating System	Linux	Linux Kernel	3.2.10	All	All	All
Operating System	Linux	Linux Kernel	3.2.11	All	All	All
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Operating System	Linux	Linux Kernel	3.2.25	All	All	All
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Operating System	Linux	Linux Kernel	3.2.9	All	All	All
Operating System	Linux	Linux Kernel	3.3	All	All	All
Operating System	Linux	Linux Kernel	3.3	rc1	All	All
Operating System	Linux	Linux Kernel	3.3	rc2	All	All

[illegible]

Operating System	Linux	Linux Kernel	3.5.6	All	All	All
Operating System	Linux	Linux Kernel	3.5.7	All	All	All
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Operating System	Linux	Linux Kernel	3.6.1	All	All	All
Operating System	Linux	Linux Kernel	3.6.10	All	All	All
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Operating System	Linux	Linux Kernel	3.6.3	All	All	All
Operating System	Linux	Linux Kernel	3.6.4	All	All	All
Operating System	Linux	Linux Kernel	3.6.5	All	All	All
Operating System	Linux	Linux Kernel	3.6.6	All	All	All
Operating System	Linux	Linux Kernel	3.6.7	All	All	All
Operating System	Linux	Linux Kernel	3.6.8	All	All	All
Operating System	Linux	Linux Kernel	3.6.9	All	All	All
Operating System	Linux	Linux Kernel	3.7	All	All	All
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Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All

Operating System	Linux	Linux Kernel	3.8.6	All	All	All
Operating System	Linux	Linux Kernel	3.8.7	All	All	All
Operating System	Linux	Linux Kernel	3.8.8	All	All	All
Operating System	Linux	Linux Kernel	3.8.9	All	All	All
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Operating System	Linux	Linux Kernel	3.9	rc3	All	All
Operating System	Linux	Linux Kernel	3.9	rc4	All	All
Operating System	Linux	Linux Kernel	3.9	rc5	All	All
Operating System	Linux	Linux Kernel	3.9	rc6	All	All
Operating System	Linux	Linux Kernel	3.9	rc7	All	All
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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
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	3.0.47	All	All	All
Operating System	Linux	Linux Kernel	3.0.48	All	All	All
Operating System	Linux	Linux Kernel	3.0.49	All	All	All
Operating System	Linux	Linux Kernel	3.0.5	All	All	All
Operating System	Linux	Linux Kernel	3.0.50	All	All	All
Operating System	Linux	Linux Kernel	3.0.51	All	All	All
Operating System	Linux	Linux Kernel	3.0.52	All	All	All
Operating System	Linux	Linux Kernel	3.0.53	All	All	All
Operating System	Linux	Linux Kernel	3.0.54	All	All	All
Operating System	Linux	Linux Kernel	3.0.55	All	All	All
Operating System	Linux	Linux Kernel	3.0.56	All	All	All
Operating System	Linux	Linux Kernel	3.0.57	All	All	All
Operating System	Linux	Linux Kernel	3.0.58	All	All	All
Operating System	Linux	Linux Kernel	3.0.59	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	All	All	All
Operating System	Linux	Linux Kernel	3.0.60	All	All	All
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Operating System	Linux	Linux Kernel	3.0.63	All	All	All
Operating System	Linux	Linux Kernel	3.0.64	All	All	All
Operating System	Linux	Linux Kernel	3.0.65	All	All	All
Operating System	Linux	Linux Kernel	3.0.66	All	All	All
Operating System	Linux	Linux Kernel	3.0.67	All	All	All
Operating System	Linux	Linux Kernel	3.0.68	All	All	All
Operating System	Linux	Linux Kernel	3.0.7	All	All	All
Operating System	Linux	Linux Kernel	3.0.8	All	All	All
Operating System	Linux	Linux Kernel	3.0.9	All	All	All
Operating System	Linux	Linux Kernel	3.1	All	All	All
Operating System	Linux	Linux Kernel	3.1	rc1	All	All
Operating System	Linux	Linux Kernel	3.1	rc2	All	All
Operating System	Linux	Linux Kernel	3.1	rc3	All	All
Operating System	Linux	Linux Kernel	3.1	rc4	All	All
Operating System	Linux	Linux Kernel	3.1.1	All	All	All
Operating System	Linux	Linux Kernel	3.1.10	All	All	All
Operating System	Linux	Linux Kernel	3.1.2	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	3.2	rc2	All	All
Operating System	Linux	Linux Kernel	3.2	rc3	All	All
Operating System	Linux	Linux Kernel	3.2	rc4	All	All
Operating System	Linux	Linux Kernel	3.2	rc5	All	All
Operating System	Linux	Linux Kernel	3.2	rc6	All	All
Operating System	Linux	Linux Kernel	3.2	rc7	All	All
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Operating System	Linux	Linux Kernel	3.2.15	All	All	All
Operating System	Linux	Linux Kernel	3.2.16	All	All	All
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Operating System	Linux	Linux Kernel	3.2.22	All	All	All
Operating System	Linux	Linux Kernel	3.2.23	All	All	All
Operating System	Linux	Linux Kernel	3.2.24	All	All	All
Operating System	Linux	Linux Kernel	3.2.25	All	All	All
Operating System	Linux	Linux Kernel	3.2.26	All	All	All
Operating System	Linux	Linux Kernel	3.2.27	All	All	All
Operating System	Linux	Linux Kernel	3.2.28	All	All	All
Operating System	Linux	Linux Kernel	3.2.29	All	All	All
Operating System	Linux	Linux Kernel	3.2.3	All	All	All
Operating System	Linux	Linux Kernel	3.2.30	All	All	All
Operating System	Linux	Linux Kernel	3.2.4	All	All	All
Operating System	Linux	Linux Kernel	3.2.5	All	All	All
Operating System	Linux	Linux Kernel	3.2.6	All	All	All
Operating System	Linux	Linux Kernel	3.2.7	All	All	All
Operating System	Linux	Linux Kernel	3.2.8	All	All	All

[illegible]

[illegible]

Operating System	Linux	Linux Kernel	3.5.2	All	All	All
Operating System	Linux	Linux Kernel	3.5.3	All	All	All
Operating System	Linux	Linux Kernel	3.5.4	All	All	All
Operating System	Linux	Linux Kernel	3.5.5	All	All	All
Operating System	Linux	Linux Kernel	3.5.6	All	All	All
Operating System	Linux	Linux Kernel	3.5.7	All	All	All
Operating System	Linux	Linux Kernel	3.6	All	All	All
Operating System	Linux	Linux Kernel	3.6.1	All	All	All
Operating System	Linux	Linux Kernel	3.6.10	All	All	All
Operating System	Linux	Linux Kernel	3.6.11	All	All	All
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Operating System	Linux	Linux Kernel	3.6.3	All	All	All
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Operating System	Linux	Linux Kernel	3.6.8	All	All	All
Operating System	Linux	Linux Kernel	3.6.9	All	All	All
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Operating System	Linux	Linux Kernel	3.7.6	All	All	All
Operating System	Linux	Linux Kernel	3.7.7	All	All	All
Operating System	Linux	Linux Kernel	3.7.8	All	All	All
Operating System	Linux	Linux Kernel	3.7.9	All	All	All
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Operating System	Linux	Linux Kernel	3.8.11	All	All	All
Operating System	Linux	Linux Kernel	3.8.12	All	All	All
Operating System	Linux	Linux Kernel	3.8.13	All	All	All

Operating System	Linux	Linux Kernel	3.8.2	All	All	All
Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All
Operating System	Linux	Linux Kernel	3.8.6	All	All	All
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Operating System	Linux	Linux Kernel	3.8.8	All	All	All
Operating System	Linux	Linux Kernel	3.8.9	All	All	All
Operating System	Linux	Linux Kernel	3.9	rc1	All	All
Operating System	Linux	Linux Kernel	3.9	rc2	All	All
Operating System	Linux	Linux Kernel	3.9	rc3	All	All
Operating System	Linux	Linux Kernel	3.9	rc4	All	All
Operating System	Linux	Linux Kernel	3.9	rc5	All	All
Operating System	Linux	Linux Kernel	3.9	rc6	All	All
Operating System	Linux	Linux Kernel	3.9	rc7	All	All
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Operating System	Linux	Linux Kernel	3.9.1	All	All	All
Operating System	Linux	Linux Kernel	3.9.10	All	All	All
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Operating System	Linux	Linux Kernel	3.9.2	All	All	All
Operating System	Linux	Linux Kernel	3.9.3	All	All	All
Operating System	Linux	Linux Kernel	3.9.4	All	All	All
Operating System	Linux	Linux Kernel	3.9.5	All	All	All
Operating System	Linux	Linux Kernel	3.9.6	All	All	All
Operating System	Linux	Linux Kernel	3.9.7	All	All	All
Operating System	Linux	Linux Kernel	3.9.8	All	All	All
Operating System	Linux	Linux Kernel	3.9.9	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References						
Reference			Source	Link	Tags	
kernel/git/torvalds/linux.git - Linux kernel source tree			MISC	git.kernel.org		
uml: check length in exitcode_proc_write() · torvalds/linux@201f99f · GitHub			CONFIRM	github.com	Exploit, Patch	
kernel/git/torvalds/linux.git - Linux kernel source tree			CONFIRM	git.kernel.org	Exploit, Patch	
Linux Kernel 'exitcode_proc_write()' Function Local Buffer Overflow Vulnerability			BID	www.securityfocus.com		
oss-security - Re: some unstracked linux kernel security fixes			MLIST	www.openwall.com		

www.kernel.org/pub/linux/kernel/v3.x/patch-3.12.bz2	CONFIRM	www.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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