



CVE-2013-1819

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

Summary

CVE	CVE-2013-1819
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-03-06 22:55:00 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The __xfs_buf_find function in fs/xfs/xfs_buf.c in the Linux kernel before 3.7.6 does not validate block numbers, which allows

Risk And Classification

Primary CVSS: v2.0 4.6 from nvd@nist.gov

AV:L/AC:L/Au:N/C:P/I:P/A:P

Problem Types: CWE-20 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:L/AC:L/Au:N/C:P/I:P/A:P

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
Operating System	Linux	Linux Kernel	3.0.19	All	All	All
Operating System	Linux	Linux Kernel	3.0.2	All	All	All
Operating System	Linux	Linux Kernel	3.0.20	All	All	All
Operating System	Linux	Linux Kernel	3.0.21	All	All	All
Operating System	Linux	Linux Kernel	3.0.22	All	All	All
Operating System	Linux	Linux Kernel	3.0.23	All	All	All
Operating System	Linux	Linux Kernel	3.0.24	All	All	All
Operating System	Linux	Linux Kernel	3.0.25	All	All	All
Operating System	Linux	Linux Kernel	3.0.26	All	All	All
Operating System	Linux	Linux Kernel	3.0.27	All	All	All
Operating System	Linux	Linux Kernel	3.0.28	All	All	All
Operating System	Linux	Linux Kernel	3.0.29	All	All	All
Operating System	Linux	Linux Kernel	3.0.3	All	All	All
Operating System	Linux	Linux Kernel	3.0.30	All	All	All
Operating System	Linux	Linux Kernel	3.0.31	All	All	All
Operating System	Linux	Linux Kernel	3.0.32	All	All	All
Operating System	Linux	Linux Kernel	3.0.33	All	All	All
Operating System	Linux	Linux Kernel	3.0.34	All	All	All
Operating System	Linux	Linux Kernel	3.0.35	All	All	All
Operating System	Linux	Linux Kernel	3.0.36	All	All	All

Operating System	Linux	Linux Kernel	3.0.37	All	All	All
Operating System	Linux	Linux Kernel	3.0.38	All	All	All
Operating System	Linux	Linux Kernel	3.0.39	All	All	All
Operating System	Linux	Linux Kernel	3.0.4	All	All	All
Operating System	Linux	Linux Kernel	3.0.40	All	All	All
Operating System	Linux	Linux Kernel	3.0.41	All	All	All
Operating System	Linux	Linux Kernel	3.0.42	All	All	All
Operating System	Linux	Linux Kernel	3.0.43	All	All	All
Operating System	Linux	Linux Kernel	3.0.44	All	All	All
Operating System	Linux	Linux Kernel	3.0.5	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	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
Operating System	Linux	Linux Kernel	3.1.3	All	All	All
Operating System	Linux	Linux Kernel	3.1.4	All	All	All
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	3.1.8	All	All	All
Operating System	Linux	Linux Kernel	3.1.9	All	All	All
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	3.2.10	All	All	All
Operating System	Linux	Linux Kernel	3.2.11	All	All	All
Operating System	Linux	Linux Kernel	3.2.12	All	All	All
Operating System	Linux	Linux Kernel	3.2.13	All	All	All
Operating System	Linux	Linux Kernel	3.2.14	All	All	All
Operating System	Linux	Linux Kernel	3.2.15	All	All	All
Operating System	Linux	Linux Kernel	3.2.16	All	All	All
Operating System	Linux	Linux Kernel	3.2.17	All	All	All
Operating System	Linux	Linux Kernel	3.2.18	All	All	All
Operating System	Linux	Linux Kernel	3.2.19	All	All	All
Operating System	Linux	Linux Kernel	3.2.2	All	All	All
Operating System	Linux	Linux Kernel	3.2.20	All	All	All
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Operating System	Linux	Linux Kernel	3.2.22	All	All	All
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Operating System	Linux	Linux Kernel	3.2.24	All	All	All
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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
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Operating System	Linux	Linux Kernel	3.2.8	All	All	All
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Operating System	Linux	Linux Kernel	3.3	rc2	All	All
Operating System	Linux	Linux Kernel	3.3	rc3	All	All
Operating System	Linux	Linux Kernel	3.3	rc4	All	All

Operating System	Linux	Linux Kernel	3.3	rc4	All	All
Operating System	Linux	Linux Kernel	3.3	rc5	All	All
Operating System	Linux	Linux Kernel	3.3	rc6	All	All
Operating System	Linux	Linux Kernel	3.3	rc7	All	All
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Operating System	Linux	Linux Kernel	3.3.8	All	All	All
Operating System	Linux	Linux Kernel	3.4	All	All	All
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Operating System	Linux	Linux Kernel	3.4.16	All	All	All
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Operating System	Linux	Linux Kernel	3.4.18	All	All	All
Operating System	Linux	Linux Kernel	3.4.19	All	All	All
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Operating System	Linux	Linux Kernel	3.4.21	All	All	All
Operating System	Linux	Linux Kernel	3.4.22	All	All	All
Operating System	Linux	Linux Kernel	3.4.23	All	All	All

Operating System	Linux	Linux Kernel	3.4.24	All	All	All
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Operating System	Linux	Linux Kernel	3.4.4	All	All	All
Operating System	Linux	Linux Kernel	3.4.5	All	All	All
Operating System	Linux	Linux Kernel	3.4.6	All	All	All
Operating System	Linux	Linux Kernel	3.4.7	All	All	All
Operating System	Linux	Linux Kernel	3.4.8	All	All	All
Operating System	Linux	Linux Kernel	3.4.9	All	All	All
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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
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Operating System	Linux	Linux Kernel	3.6.10	All	All	All
Operating System	Linux	Linux Kernel	3.6.11	All	All	All
Operating System	Linux	Linux Kernel	3.6.2	All	All	All
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
Operating System	Linux	Linux Kernel	3.7.1	All	All	All
Operating System	Linux	Linux Kernel	3.7.2	All	All	All
Operating System	Linux	Linux Kernel	3.7.3	All	All	All
Operating System	Linux	Linux Kernel	3.7.4	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
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Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified
References				
Reference			Source	
USN-1970-1: Linux kernel (Quantal HWE) vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-364da26611	
Bug 918009 – CVE-2013-1819 kernel: xfs: _xfs_buf_find oops on blocks beyond the filesystem end			af854a3a-2127-422b-91ae-364da26611	
xfs: fix _xfs_buf_find oops on blocks beyond the filesystem end · torvalds/linux@eb17861 · GitHub			af854a3a-2127-422b-91ae-364da26611	
oss-security - Re: CVE request: Linux kernel: xfs: _xfs_buf_find NULL pointer dereference			af854a3a-2127-422b-91ae-364da26611	
USN-1969-1: Linux kernel (OMAP4) vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-364da26611	
[security-announce] SUSE-SU-2013:1474-1: important: Security update for			af854a3a-2127-422b-91ae-364da26611	
openSUSE-SU-2013:1971-1: moderate: kernel: security and bugfix update			af854a3a-2127-422b-91ae-364da26611	
USN-1972-1: Linux kernel vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-364da26611	
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.7.6			af854a3a-2127-422b-91ae-364da26611	
USN-1975-1: Linux kernel (OMAP4) vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-364da26611	
USN-1973-1: Linux kernel (OMAP4) vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-364da26611	
kernel/git/torvalds/linux.git - Linux kernel source tree			af854a3a-2127-422b-91ae-364da26611	
[security-announce] SUSE-SU-2013:1473-1: important: Security update for			af854a3a-2127-422b-91ae-364da26611	
USN-1968-1: Linux kernel vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-364da26611	
kernel/git/torvalds/linux.git - Linux kernel source tree			MITRE	
Red Hat Customer Portal			MITRE	
access.redhat.com CVE-2013-1819			MITRE	
CVE Program record			CVE.ORG	
NVD vulnerability detail			NVD	
No vendor comments have been submitted for this CVE.				
There are currently no legacy QID mappings associated with this CVE.				

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