



# CVE-2014-5207

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

## Summary

<b>CVE</b>	CVE-2014-5207
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2014-08-18 11:15:00 UTC
<b>Updated</b>	2023-11-07 02:20:00 UTC
<b>Description</b>	fs/namespace.c in the Linux kernel through 3.16.1 does not properly restrict clearing MNT_NODEV, MNT_NOSUID, and M

## Risk And Classification

**Problem Types:** CWE-269

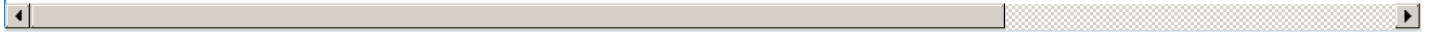
## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	12.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	12.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source	Link
Linux Kernel 3.16.1 - Remount FUSE Exploit	EXPLOIT-DB	<a href="http://www.exploit-db.com">www.exploit-db.com</a>
Linux Kernel 3.16.1 FUSE Privilege Escalation ≈ Packet Storm	MISC	<a href="http://packetstormsecurity.com">packetstormsecurity.com</a>
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	<a href="http://git.kernel.org">git.kernel.org</a>
oss-sec: CVE Request: ro bind mount bypass using user namespaces	MLIST	<a href="http://seclists.org">seclists.org</a>
mnt: Correct permission checks in do_remount · torvalds/linux@9566d67 · GitHub	CONFIRM	<a href="http://github.com">github.com</a>
USN-2318-1: Linux kernel vulnerabilities   Ubuntu	UBUNTU	<a href="http://www.ubuntu.com">www.ubuntu.com</a>
110055	OSVDB	<a href="http://osvdb.org">osvdb.org</a>
Bug 1129662 – CVE-2014-5206 CVE-2014-5207 kernel: mount flags handling during remount	CONFIRM	<a href="http://bugzilla.redhat.com">bugzilla.redhat.com</a>
kernel/git/torvalds/linux.git - Linux kernel source tree		<a href="http://git.kernel.org">git.kernel.org</a>

IBM X-Force Exchange	XF	<a href="https://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.co</a>
Linux Kernel CVE-2014-5207 Local Security Bypass Vulnerability	BID	<a href="https://www.securityfocus.com">www.securityfocus.com</a>
oss-security - Re: CVE Request: ro bind mount bypass using user namespaces	MLIST	<a href="https://www.openwall.com">www.openwall.com</a>
USN-2317-1: Linux kernel (Trusty HWE) vulnerabilities   Ubuntu	UBUNTU	<a href="https://www.ubuntu.com">www.ubuntu.com</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[671064](#) EulerOS Security Update for kernel (EulerOS-SA-2019-2599)

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