



# CVE-2020-12114

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

## Summary

<b>CVE</b>	CVE-2020-12114
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-05-04 12:15:00 UTC
<b>Updated</b>	2021-06-14 18:15:00 UTC
<b>Description</b>	A pivot_root race condition in fs/namespace.c in the Linux kernel 4.4.x before 4.4.221, 4.9.x before 4.9.221, 4.14.x before 4.14.221

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

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

## References

Reference	Source	Link
USN-4388-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://ubuntu.com/security/notices/USN-4388-1">usn.ubuntu.com</a>
May 2020 Linux Kernel Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://www.netapp.com/security/2020-05-linux-kernel-vulnerabilities">security.netapp.com</a>
Debian -- Security Information -- DSA-4699-1 linux	DEBIAN	<a href="https://www.debian.org/security/2020/dsa-4699-1">www.debian.org</a>
USN-4391-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://ubuntu.com/security/notices/USN-4391-1">usn.ubuntu.com</a>
oss-security - [CVE-2020-12114] Linux kernel denial of service by corrupting mountpoint reference counter	MISC	<a href="https://www.openwall.com/lists/oss-security/2020/05/14">www.openwall.com</a>
USN-4392-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://ubuntu.com/security/notices/USN-4392-1">usn.ubuntu.com</a>
Kernel Live Patch Security Notice LSN-0072-1 ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com/files/144442">packetstormsecurity.com</a>
USN-4390-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://ubuntu.com/security/notices/USN-4390-1">usn.ubuntu.com</a>
[SECURITY] [DLA 2241-2] linux security update	MLIST	<a href="https://lists.debian.org/debian-security-announce/2020/06/msg00002.html">lists.debian.org</a>
USN-4389-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://ubuntu.com/security/notices/USN-4389-1">usn.ubuntu.com</a>
[SECURITY] [DLA 2242-1] linux-4.9 security update	MLIST	<a href="https://lists.debian.org/debian-security-announce/2020/06/msg00001.html">lists.debian.org</a>
USN-4387-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://ubuntu.com/security/notices/USN-4387-1">usn.ubuntu.com</a>

[SECURITY] [DLA 2241-1] linux security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
Oracle Critical Patch Update Advisory - April 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>
Debian -- Security Information -- DSA-4698-1 linux	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>
[security-announce] openSUSE-SU-2020:0801-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</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

<a href="#">159185</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2021-1578)
<a href="#">159403</a> Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9459)
<a href="#">239314</a> Red Hat Update for kernel-rt (RHSA-2021:1739)
<a href="#">239339</a> Red Hat Update for kernel (RHSA-2021:1578)
<a href="#">239374</a> Red Hat Update for kernel (RHSA-2021:2185)
<a href="#">239453</a> Red Hat Update for kernel-rt (RHSA-2021:2190)
<a href="#">375284</a> EulerOS Security Update for kernel (EulerOS-SA-2021-1311)
<a href="#">377065</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0113)
<a href="#">390248</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0035)
<a href="#">610318</a> Google Android February 2021 Security Patch Missing for Huawei EMUI
<a href="#">940354</a> AlmaLinux Security Update for kernel (ALSA-2021:1578)

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