



# CVE-2020-12771

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-12771
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-05-09 21:15:00 UTC
<b>Updated</b>	2022-04-26 17:06:00 UTC
<b>Description</b>	An issue was discovered in the Linux kernel through 5.6.11. btree_gc_coalesce in drivers/md/bcache/btree.c has a deadloc

## Risk And Classification

**Problem Types:** CWE-667

## 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>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">A700s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">A700s Firmware</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Active Iq Unified Manager</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Cloud Backup</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Element Software</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H300e</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H300e Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H300s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H300s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H410c</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H410c Firmware</a>	-	All	All	All

Hardware	<a href="#">Netapp</a>	<a href="#">H410s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H410s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H500e</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H500e Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H500s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H500s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H610c</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H610c Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H610s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H610s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H615c</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H615c Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H700e</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H700e Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H700s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H700s Firmware</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Hci Bootstrap Os</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Hci Compute Node</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Hci Management Node</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Solidfire</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Steelstore Cloud Integrated Storage</a>	-	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Sd-wan Edge</a>	8.2	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] [DLA 2420-2] linux regression update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
[SECURITY] [DLA 2323-1] linux-4.19 new package	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
USN-4463-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
USN-4483-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
LKML: Zhiqiang Liu: [PATCH V2] bcache: fix potential deadlock problem in btree_gc_coalesce	CONFIRM	<a href="https://lkml.org">lkml.org</a>	Exploit, M
May 2020 Linux Kernel Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
[security-announce] openSUSE-SU-2020:1062-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
[security-announce] openSUSE-SU-2020:1153-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
[SECURITY] [DLA 2420-2] linux regression update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	

[SECURITY] [DLA 2420-1] linux security update	MLISI	<a href="https://lists.debian.org">lists.debian.org</a>	
USN-4465-1: linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
USN-4485-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
Oracle Critical Patch Update Advisory - April 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
USN-4462-1: Linux kernel vulnerability   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonica
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonica

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159420</a> Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9473)
<a href="#">174728</a> SUSE Enterprise Linux Security update for the Linux Kernel (SUSE-SU-2020:2122-1)
<a href="#">174729</a> SUSE Enterprise Linux Security update for the Linux Kernel (SUSE-SU-2020:2106-1)
<a href="#">352300</a> Amazon Linux Security Advisory for kernel: ALAC2012-2020-020
<a href="#">353138</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-013
<a href="#">390248</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0035)
<a href="#">750376</a> OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
<a href="#">750637</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:1062-1)
<a href="#">900078</a> CBL-Mariner Linux Security Update for kernel 5.4.91
<a href="#">903499</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (1927)
<a href="#">905768</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (1927-1)

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