



# CVE-2019-18683

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

## Summary

<b>CVE</b>	CVE-2019-18683
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-11-04 16:15:00 UTC
<b>Updated</b>	2023-11-07 03:06:00 UTC
<b>Description</b>	An issue was discovered in drivers/media/platform/vivid in the Linux kernel through 5.3.8. It is exploitable for privilege escalation.

## Risk And Classification

**Problem Types:** CWE-362 | CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Broadcom	Fabric Operating System	-	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Hardware	Netapp	8300	-	All	All	All
Operating System	Netapp	8300 Firmware	-	All	All	All
Hardware	Netapp	8700	-	All	All	All
Operating System	Netapp	8700 Firmware	-	All	All	All
Hardware	Netapp	A400	-	All	All	All
Operating System	Netapp	A400 Firmware	-	All	All	All
Hardware	Netapp	A700s	-	All	All	All
Operating System	Netapp	A700s Firmware	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All

Application	Netapp	Data Availability Services	-	All	All	All
Application	Netapp	E-series Santricity Os Controller	All	All	All	All
Application	Netapp	Element Software	-	All	All	All
Hardware	Netapp	H610s	-	All	All	All
Operating System	Netapp	H610s Firmware	-	All	All	All
Application	Netapp	Hci Management Node	-	All	All	All
Application	Netapp	Solidfire	-	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

## References

Reference	Source	Link
oss-security - Re: [ Linux kernel ] Exploitable bugs in drivers/media/platform/vivid	MLIST	<a href="http://www.openwrt.org">www.openwrt.org</a>
November 2019 Linux Kernel Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2020-008-01)	BUGTRAQ	<a href="https://seclists.org">seclists.org</a>
[PATCH v4 1/1] media: vivid: Fix wrong locking that causes race conditions on streaming stop - Alexander Popov	MISC	<a href="https://lore.kernel.org">lore.kernel.org</a>
USN-4284-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
[SECURITY] [DLA 2114-1] linux-4.9 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
USN-4287-2: Linux kernel (Azure) vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
USN-4258-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
USN-4254-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
[security-announce] openSUSE-SU-2019:2675-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
USN-4254-2: Linux kernel (Xenial HWE) vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>
USN-4287-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
oss-security - [ Linux kernel ] Exploitable bugs in drivers/media/platform/vivid	MISC	<a href="http://www.openwrt.org">www.openwrt.org</a>
[PATCH v4 1/1] media: vivid: Fix wrong locking that causes race conditions on streaming stop - Alexander Popov		<a href="https://lore.kernel.org">lore.kernel.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.

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

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