



# CVE-2020-28974

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## Summary

<b>CVE</b>	CVE-2020-28974
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-11-20 18:15:00 UTC
<b>Updated</b>	2021-01-27 19:44:00 UTC
<b>Description</b>	A slab-out-of-bounds read in fbcon in the Linux kernel before 5.9.7 could be used by local attackers to read privileged inform

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	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
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</a>	Patch, Vendor
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.9.7	MISC	<a href="https://cdn.kernel.org">cdn.kernel.org</a>	Release Note
CVE-2020-28974 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	Third Party A
[SECURITY] [DLA 2494-1] linux security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	Third Party A
oss-sec: Linux kernel slab-out-of-bounds Read in fbcon	MISC	<a href="https://seclists.org">seclists.org</a>	Exploit, Maili
oss-security - Re: Linux kernel slab-out-of-bounds Read in fbcon	MLIST	<a href="https://www.openwall.com">www.openwall.com</a>	Mailing List,
[SECURITY] [DLA 2483-1] linux-4.19 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	Third Party A
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, ar

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

159185 Oracle Enterprise Linux Security Update for kernel (ELSA-2021-1578)
239314 Red Hat Update for kernel-rt (RHSA-2021:1739)
239339 Red Hat Update for kernel (RHSA-2021:1578)
353100 Amazon Linux Security Advisory for kernel : ALAC2012-2021-024
353101 Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-025
353102 Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-026
353133 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-018
375284 EulerOS Security Update for kernel (EulerOS-SA-2021-1311)
377038 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0198)
390217 Oracle Managed Virtualization (VM) Server for x86 Security Update for Unbreakable Enterprise kernel (OVMSA-2021-0001)
390234 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0001)
6140206 AWS Bottlerocket Security Update for kernel (GHSA-x23j-hwp3-mh83)
670185 EulerOS Security Update for kernel (EulerOS-SA-2021-1684)
750376 OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
750488 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2260-1)
750508 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2193-1)
750518 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2161-1)
900040 CBL-Mariner Linux Security Update for kernel 5.4.91
903501 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3610)
905956 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3610-1)
940354 AlmaLinux Security Update for kernel (ALSA-2021:1578)

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