



# CVE-2020-0427

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

## Summary

<b>CVE</b>	CVE-2020-0427
<b>State</b>	PUBLIC
<b>Assigner</b>	security@android.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-17 19:15:00 UTC
<b>Updated</b>	2022-10-25 16:12:00 UTC
<b>Description</b>	In create_pinctrl of core.c, there is a possible out of bounds read due to a use after free. This could lead to local information

## Risk And Classification

**Problem Types:** CWE-125 | CWE-416

## 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="#">Google</a>	<a href="#">Android</a>	-	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</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="#">Starwindsoftware</a>	<a href="#">Starwind Virtual San</a>	v8	build12533	All	All
Application	<a href="#">Starwindsoftware</a>	<a href="#">Starwind Virtual San</a>	v8	build12658	All	All
Application	<a href="#">Starwindsoftware</a>	<a href="#">Starwind Virtual San</a>	v8	build12859	All	All
Application	<a href="#">Starwindsoftware</a>	<a href="#">Starwind Virtual San</a>	v8	build13170	All	All
Application	<a href="#">Starwindsoftware</a>	<a href="#">Starwind Virtual San</a>	v8	build13586	All	All
Application	<a href="#">Starwindsoftware</a>	<a href="#">Starwind Virtual San</a>	v8	build13861	All	All

## References

Reference	Source	Link	Tags
[security-announce] openSUSE-SU-2020:1655-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
[SECURITY] [DLA 2494-1] linux security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
Kernel Live Patch Security Notice LSN-0074-1 ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>	

CVE-2020-0427 Linux Kernel vulnerability in StarWind VSAN for vSphere (VSA)	MISC	<a href="http://www.starwindsoftware.com">www.starwindsoftware.com</a>	
Pixel Update Bulletin—September 2020   Android Open Source Project	MISC	<a href="http://source.android.com">source.android.com</a>	Patch, Vendor A
[security-announce] openSUSE-SU-2020:1586-1: important: Security update	SUSE	<a href="http://lists.opensuse.org">lists.opensuse.org</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analy

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [159492](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2021-4356)
- [239151](#) Red Hat Update for kernel (RHSA-2021:0856)
- [239816](#) Red Hat Update for kernel security (RHSA-2021:4356)
- [239879](#) Red Hat Update for kernel-rt (RHSA-2021:4140)
- [257070](#) CentOS Security Update for kernel (CESA-2021:0856)
- [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
- [610324](#) Google Android March 2021 Security Patch Missing for Huawei EMUI
- [670269](#) EulerOS Security Update for kernel (EulerOS-SA-2021-1808)
- [670634](#) EulerOS Security Update for kernel (EulerOS-SA-2021-2392)
- [750376](#) OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
- [940265](#) AlmaLinux Security Update for kernel (ALSA-2021:4356)

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