



# CVE-2022-3107

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## Summary

<b>CVE</b>	CVE-2022-3107
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-12-14 21:15:00 UTC
<b>Updated</b>	2022-12-16 21:35:00 UTC
<b>Description</b>	An issue was discovered in the Linux kernel through 5.16-rc6. netvsc_get_ethtool_stats in drivers/net/hyperv/netvsc_drv.c l

## Risk And Classification

**Problem Types:** CWE-476

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.16.0	-	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc1	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc2	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc3	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc4	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc5	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc6	All	All

## References

Reference	Source	Link
2153060 – (CVE-2022-3107) CVE-2022-3107 Kernel: Unchecked kvmalloc_array return leads to null pointer dereference.	MISC	<a href="#">bug:</a>
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="#">git.k</a>
CVE Program record	CVE.ORG	<a href="#">www</a>
NVD vulnerability detail	NVD	<a href="#">nvd.</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

160541	Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12242)
160542	Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12243)
181327	Debian Security Update for linux (CVE-2022-3107)
378473	Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)
672802	EulerOS Security Update for kernel (EulerOS-SA-2023-1551)
753562	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0134-1)
753564	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0147-1)
753565	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0146-1)
753566	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0145-1)
753583	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0152-1)
753584	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0149-1)
753688	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0406-1)
753689	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0410-1)
753743	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0618-1)
904688	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11633)
904704	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11608)
904746	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11633-1)
906041	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11633-2)
906336	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11608-2)

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