CVE-2022-0998

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Summary

CVE	CVE-2022-0998
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-30 16:15:00 UTC
Updated	2023-11-07 03:41:00 UTC
Description	An integer overflow flaw was found in the Linux kernel's virtio device driver code in the way a user triggers the vhost_vdpa_

Risk And Classification

Problem Types: CWE-190

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	All	All	All	All
Hardware	Netapp	H300e	-	All	All	All
Operating System	Netapp	H300e Firmware	-	All	All	All
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500e	-	All	All	All
Operating System	Netapp	H500e Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700e	-	All	All	All
Operating System	Netapp	H700e Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All

Operating System	Netapp	H700s Firmware	-	All	All	All

References

Reference	Source	Link	Tag
oss-security - Re: [PATCH AUTOSEL 5.15 13/16] vdpa: clean up get_config_size ret value handling	MLIST	www.openwall.com	
CVE-2022-0998 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com	
Internet Archive: Scheduled Maintenance	MISC	lore.kernel.org	
[PATCH AUTOSEL 5.15 13/16] vdpa: clean up get_config_size ret value handling - Sasha Levin		lore.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 179212 Debian Security Update for linux (CVE-2022-0998)
- 900797 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9272)
- 901309 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9272-1)
- 901443 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9242)
- 902062 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9242-1)
- 906124 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9272-2)
- 906405 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9242-2)