



# CVE-2022-0742

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

## Summary

<b>CVE</b>	CVE-2022-0742
<b>State</b>	PUBLIC
<b>Assigner</b>	security@google.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-03-18 12:15:00 UTC
<b>Updated</b>	2023-01-20 14:22:00 UTC
<b>Description</b>	Memory leak in icmp6 implementation in Linux Kernel 5.13+ allows a remote attacker to DoS a host by making it go out-of-r

## Risk And Classification

**Problem Types:** CWE-401

## 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	5.17	rc1	All	All
Operating System	Linux	Linux Kernel	5.17	rc2	All	All
Operating System	Linux	Linux Kernel	5.17	rc3	All	All
Operating System	Linux	Linux Kernel	5.17	rc4	All	All
Operating System	Linux	Linux Kernel	5.17	rc5	All	All
Operating System	Linux	Linux Kernel	5.17	rc6	All	All
Application	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Hardware	Netapp	A400	-	All	All	All
Operating System	Netapp	A400 Firmware	-	All	All	All
Hardware	Netapp	Aff 8300	-	All	All	All
Operating System	Netapp	Aff 8300 Firmware	-	All	All	All
Hardware	Netapp	Aff 8700	-	All	All	All
Operating System	Netapp	Aff 8700 Firmware	-	All	All	All
Hardware	Netapp	Fas 8300	-	All	All	All
Operating System	Netapp	Fas 8300 Firmware	-	All	All	All

Hardware	<a href="#">Netapp</a>	<a href="#">Fas 8700</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Fas 8700 Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H300e</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H300e Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H300s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H300s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H410c</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H410c Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H410s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H410s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H500e</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H500e Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H500s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H500s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H700e</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H700e Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H700s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H700s Firmware</a>	-	All	All	All

## References

Reference	Source	Link	Tags
CVE-2022-0742 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
oss-security - CVE-2022-0742: Remote Denial of Service on Linux Kernel >=5.13 icmp6	MISC	<a href="https://www.openwall.com">www.openwall.com</a>	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</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, and

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">182205</a> Debian Security Update for linux (CVE-2022-0742)
<a href="#">198708</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5337-1)
<a href="#">198712</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerability (USN-5346-1)
<a href="#">198728</a> Ubuntu Security Notification for Linux kernel (Intel IOTG) Vulnerabilities (USN-5362-1)

198731	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5368-1)
354468	Amazon Linux Security Advisory for kernel : ALAS2022-2022-185
354499	Amazon Linux Security Advisory for kernel : ALAS2022-2022-042
354542	Amazon Linux Security Advisory for kernel : ALAS-2022-185
355199	Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
901820	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9094-1)
905340	Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (13142)
905991	Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (13142-2)
906466	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9094-2)
906583	Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (13142-4)

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