



# CVE-2020-12659

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-12659
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-05-05 07:15:00 UTC
<b>Updated</b>	2024-02-01 00:50:00 UTC
<b>Description</b>	An issue was discovered in the Linux kernel before 5.6.7. xdp_umem_reg in net/xdp/xdp_umem.c has an out-of-bounds wri

## Risk And Classification

**Problem Types:** CWE-787

## 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
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Hardware	Netapp	Aff Baseboard Management Controller	a700s	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h300s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h410c	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h410s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h500s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h610c	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h610s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h615c	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h700s	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Application	Netapp	Solidfire Hci Management Node	-	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All

## References

Reference	Source	Link	Tags
<a href="https://cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.6.7">cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.6.7</a>	MISC	<a href="https://cdn.kernel.org">cdn.kernel.org</a>	Releas
<a href="#">xsk: Add missing check on user supplied headroom size · torvalds/linux@99e3a23 · GitHub</a>	MISC	<a href="https://github.com">github.com</a>	Patch,
<a href="#">207225 – Malformed headroom in umem request of XDP socket could lead to out of bound write</a>	MISC	<a href="https://bugzilla.kernel.org">bugzilla.kernel.org</a>	Exploit
<a href="#">USN-4388-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu</a>	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
<a href="#">May 2020 Linux Kernel Vulnerabilities in NetApp Products   NetApp Product Security</a>	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
<a href="#">USN-4389-1: Linux kernel vulnerabilities   Ubuntu security notices</a>	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
<a href="#">kernel/git/torvalds/linux.git - Linux kernel source tree</a>	MISC	<a href="https://git.kernel.org">git.kernel.org</a>	Patch,
<a href="#">USN-4387-1: Linux kernel vulnerabilities   Ubuntu security notices</a>	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
<a href="#">[security-announce] openSUSE-SU-2020:0801-1: important: Security update</a>	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
<a href="#">CVE Program record</a>	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canoni
<a href="#">NVD vulnerability detail</a>	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canoni

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

- [159684](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2020-4431)
- [900076](#) CBL-Mariner Linux Security Update for kernel 5.4.91
- [903243](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3491)
- [905895](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3491-1)
- [940256](#) AlmaLinux Security Update for kernel (ALSA-2020:4431)

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