



# CVE-2021-4204

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

## Summary

<b>CVE</b>	CVE-2021-4204
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-24 16:15:00 UTC
<b>Updated</b>	2023-07-18 13:52:00 UTC
<b>Description</b>	An out-of-bounds (OOB) memory access flaw was found in the Linux kernel's eBPF due to an Improper Input Validation. Th

## Risk And Classification

### Problem Types: CWE-119

## 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>	11.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	5.8.0	-	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="#">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="#">H700s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H700s Firmware</a>	-	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	9.0	All	All	All

## References

Reference	Source	Link
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oss-security - CVE-2021-4204: Linux Kernel eBPF Improper Input Validation Vulnerability	MISC	<a href="http://www.openwall.com">www.openwall.com</a>
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	<a href="https://access.redhat.com">access.redhat.com</a>
2039178 – (CVE-2021-4204) CVE-2021-4204 kernel: improper input validation may lead to privilege escalation	MISC	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>
CVE-2021-4204	MISC	<a href="https://security-tracker.debian.org">security-tracker.debian.org</a>
CVE-2021-4204 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">184673</a> Debian Security Update for linux (CVE-2021-4204)
<a href="#">198624</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5217-1)
<a href="#">198625</a> Ubuntu Security Notification for Linux kernel Vulnerability (USN-5219-1)
<a href="#">198627</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5218-1)
<a href="#">242890</a> Red Hat Update for kernel (RHSA-2024:0724)
<a href="#">282604</a> Fedora Security Update for kernel (FEDORA-2022-8efcea6e67)
<a href="#">282605</a> Fedora Security Update for kernel (FEDORA-2022-0816754490)
<a href="#">377124</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0029)
<a href="#">752370</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2520-1)
<a href="#">753148</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2615-1)

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