



# CVE-2021-3612

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

## Summary

<b>CVE</b>	CVE-2021-3612
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-07-09 11:15:00 UTC
<b>Updated</b>	2023-11-07 03:38:00 UTC
<b>Description</b>	An out-of-bounds memory write flaw was found in the Linux kernel's joystick devices subsystem in versions before 5.9-rc1,

## Risk And Classification

**Problem Types:** CWE-787

## 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>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	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>	5.9.0	-	All	All
Application	<a href="#">Netapp</a>	<a href="#">Cloud Backup</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
Hardware	<a href="#">Netapp</a>	<a href="#">Solidfire Baseboard Management Controller</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Solidfire Baseboard Management Controller Firmware</a>	-	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Binding Support Function</a>	22.1.3	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Network Exposure Function</a>	22.1.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Policy</a>	22.2.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 34 Update: kernel-tools-5.12.17-300.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedo</a>
[PATCH] Input: joydev - prevent potential write out of bounds in ioctl - Alexander Larkin	MISC	<a href="#">lore.kern</a>
1974079 – (CVE-2021-3612) CVE-2021-3612 kernel: joydev: zero size passed to joydev_handle_JSIOCSBTNMAP()	MISC	<a href="#">bugzilla.r</a>
[SECURITY] [DLA 2785-1] linux-4.19 security update	MLIST	<a href="#">lists.debi</a>
[PATCH] Input: joydev - prevent potential write out of bounds in ioctl - Alexander Larkin		<a href="#">lore.kern</a>
[SECURITY] Fedora 34 Update: kernel-tools-5.12.17-300.fc34 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedo</a>
[SECURITY] [DLA 2843-1] linux security update	MLIST	<a href="#">lists.debi</a>
Oracle Critical Patch Update Advisory - July 2022	N/A	<a href="#">www.ora</a>
CVE-2021-3612 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">security.r</a>
CVE Program record	CVE.ORG	<a href="#">www.cve</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.g</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">159399</a> Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9452)
<a href="#">159400</a> Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9453)
<a href="#">159825</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)
<a href="#">178844</a> Debian Security Update for linux-4.19 (DLA 2785-1)
<a href="#">178943</a> Debian Security Update for linux (DLA 2843-1)

<a href="#">179497</a> Debian Security Update for linux (CVE-2021-3612)
<a href="#">198487</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5071-1)
<a href="#">198491</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5070-1)
<a href="#">198497</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5073-1)
<a href="#">198502</a> Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5071-2)
<a href="#">198506</a> Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5073-2)
<a href="#">198507</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5073-3)
<a href="#">198512</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5071-3)
<a href="#">198524</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5096-1)
<a href="#">198533</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5106-1)
<a href="#">198548</a> Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5120-1)
<a href="#">240275</a> Red Hat Update for kernel-rt (RHSA-2022:1975)
<a href="#">240298</a> Red Hat Update for kernel security (RHSA-2022:1988)
<a href="#">281727</a> Fedora Security Update for kernel (FEDORA-2021-a95108d156)
<a href="#">390248</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0035)
<a href="#">750844</a> SUSE Enterprise Linux Security Update for kernel (SUSE-SU-2021:2407-1)
<a href="#">750848</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:2416-1)(Sequoia)
<a href="#">750887</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1076-1)
<a href="#">750953</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:2645-1)
<a href="#">750963</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:2687-1)
<a href="#">940517</a> AlmaLinux Security Update for kernel (ALSA-2022:1988)
<a href="#">960132</a> Rocky Linux Security Update for kernel-rt (RLSA-2022:1975)
<a href="#">960134</a> Rocky Linux Security Update for kernel (RLSA-2022:1988)

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