



# CVE-2023-1073

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

## Summary

<b>CVE</b>	CVE-2023-1073
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-03-27 21:15:00 UTC
<b>Updated</b>	2023-11-05 22:15:00 UTC
<b>Description</b>	A memory corruption flaw was found in the Linux kernel's human interface device (HID) subsystem in how a user inserts a

## 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="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	-	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
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	9.0	All	All	All

## References

Reference	Source	Link
2173403 – (CVE-2023-1073) CVE-2023-1073 kernel: HID: check empty report_list in hid_validate_values()	MISC	<a href="#">bugzilla.redhat.com</a>
oss-security - Re: Linux Kernel: hid: type confusions on hid report_list entry	MLIST	<a href="#">www.openwall.com</a>
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST	<a href="#">lists.debian.org</a>
kernel/git/next/linux-next.git - The linux-next integration testing tree	MISC	<a href="#">git.kernel.org</a>
oss-security - Re: Linux Kernel: hid: NULL pointer dereference in hid_betopff_play()	MLIST	<a href="#">www.openwall.com</a>
[SECURITY] [DLA 3403-1] linux security update	MLIST	<a href="#">lists.debian.org</a>
404 Not Found	MISC	<a href="#">www.openwall.com</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160525](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12232)

[161066](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)

[161147](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)

[161372](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12169)

[161402](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0897)

[181765](#) Debian Security Update for linux-5.10 (DLA 3404-1)

[181768](#) Debian Security Update for linux (DLA 3403-1)

[182097](#) Debian Security Update for linux (CVE-2023-1073)

[199254](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5978-1)

[199292](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6025-1)

[199296](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6029-1)

[199300](#) Ubuntu Security Notification for Linux kernel (Qualcomm Snapdragon) Vulnerabilities (USN-6030-1)

[199301](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6027-1)

[199303](#) Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-6040-1)

[199321](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6057-1)

[199343](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6079-1)

[199353](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6091-1)

[199354](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6096-1)

[199356](#) Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6093-1)

[199385](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6134-1)

[199423](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6174-1)

[199465](#) Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1)

[199521](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6235-1)

[199539](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6149-1)

[199614](#) Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)

<a href="#">242399</a> Red Hat Update for kernel security (RHSA-2023:6583)
<a href="#">242434</a> Red Hat Update for kernel-rt security (RHSA-2023:6901)
<a href="#">242451</a> Red Hat Update for kernel security (RHSA-2023:7077)
<a href="#">242789</a> Red Hat Update for kernel (RHSA-2024:0575)
<a href="#">242855</a> Red Hat Update for kernel (RHSA-2024:0412)
<a href="#">242939</a> Red Hat Update for kernel (RHSA-2024:0897)
<a href="#">242983</a> Red Hat Update for kernel-rt (RHSA-2024:0881)
<a href="#">357086</a> Amazon Linux Security Advisory for kernel : ALAS2-2024-2448
<a href="#">357107</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2024-037
<a href="#">378468</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)
<a href="#">378512</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
<a href="#">378701</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0030)
<a href="#">378710</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)
<a href="#">390276</a> Oracle VM Server for x86 Security Update for kernel (OVMSA-2023-0007)
<a href="#">672981</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1848)
<a href="#">673005</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1873)
<a href="#">673017</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1978)
<a href="#">673047</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1956)
<a href="#">673074</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2193)
<a href="#">673117</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2152)
<a href="#">673121</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2296)
<a href="#">673157</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2272)
<a href="#">941453</a> AlmaLinux Security Update for kernel (ALSA-2023:7077)
<a href="#">941584</a> AlmaLinux Security Update for kernel (ALSA-2024:0897)

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