



# CVE-2023-25012

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

## Summary

<b>CVE</b>	CVE-2023-25012
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-02-02 00:15:00 UTC
<b>Updated</b>	2023-11-07 04:08:00 UTC
<b>Description</b>	The Linux kernel through 6.1.9 has a Use-After-Free in bigben_remove in drivers/hid/hid-bigbenff.c via a crafted USB device

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

## References

Reference	Source	Link	Tags
[PATCH 1/5] HID: bigben_remove: manually unregister leds - Pietro Borrello		<a href="https://lore.kernel.org">lore.kernel.org</a>	
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
oss-security - CVE-2023-1078: Linux: rds_rm_zerocopy_callback() bugs	MLIST	<a href="https://www.openwall.com">www.openwall.com</a>	
oss-sec: Linux Kernel: hid: Use-After-Free in bigben_set_led()	MISC	<a href="https://seclists.org">seclists.org</a>	
[PATCH 1/5] HID: bigben_remove: manually unregister leds - Pietro Borrello	MISC	<a href="https://lore.kernel.org">lore.kernel.org</a>	
oss-security - Re: Linux Kernel: hid: Use-After-Free in bigben_set_led()	MLIST	<a href="https://www.openwall.com">www.openwall.com</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, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

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

<a href="#">183068</a> Debian Security Update for linux (CVE-2023-25012)
<a href="#">199298</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6033-1)
<a href="#">199424</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6172-1)
<a href="#">199425</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6171-1)
<a href="#">199438</a> Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-6187-1)
<a href="#">199439</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6185-1)
<a href="#">199451</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6207-1)
<a href="#">199463</a> Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-6223-1)
<a href="#">199465</a> Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1)
<a href="#">199614</a> Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)
<a href="#">378710</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)
<a href="#">610504</a> Google Android Devices July 2023 Security Patch Missing
<a href="#">753902</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1800-1)
<a href="#">753905</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1811-1)
<a href="#">755851</a> SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
<a href="#">905433</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13290)
<a href="#">905435</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13291)
<a href="#">906832</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13290-1)
<a href="#">906865</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13291-1)
<a href="#">907098</a> Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (26405-1)

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