# CVE-2023-45871

MITRE | NVD | CVE.ORG | Print: PDF

## Summary

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|---|---|
| **CVE** | CVE-2023-45871 |
| **State** | PUBLIC |
| **Assigner** | cve@mitre.org |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2023-10-15 01:15:00 UTC |
| **Updated** | 2024-01-04 18:04:00 UTC |
| **Description** | An issue was discovered in drivers/net/ethernet/intel/igb/igb_main.c in the IGB driver in the Linux kernel before 6.5.3. A buff |

## Risk And Classification

**Problem Types:** CWE-131

## 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 |
|---|---|---|---|
| kernel/git/stable/linux.git - Linux kernel stable tree | MISC | git.kernel.org | |
| cdn.kernel.org/pub/linux/kernel/v6.x/ChangeLog-6.5.3 | MISC | cdn.kernel.org | |
| CVE-2023-45871 Linux Kernel Vulnerability in NetApp Products \| NetApp Product Security | | security.netapp.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, ar |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

161236 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-13047)

161237 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-13043)

161256 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7749)

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

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

161426 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-1249)

199930 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6495-1)

199933 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6502-1)

199935 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6496-1)

199936 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6494-1)

199952 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6502-2)

199955 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6516-1)

199957 Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6520-1)

199958 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6502-3)

199970 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6494-2)

199971 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6496-2)

199972 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6495-2)

199973 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6502-4)

199979 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6532-1)

242561 Red Hat Update for kpatch-patch (RHSA-2023:7734)

242575 Red Hat Update for kernel (RHSA-2023:7749)

242728 Red Hat Update for kpatch-patch (RHSA-2024:0378)

242734 Red Hat Update for kpatch-patch (RHSA-2024:0381)

242738 Red Hat Update for kpatch-patch (RHSA-2024:0386)

242759 Red Hat Update for kernel (RHSA-2024:0432)

242769 Red Hat Update for kpatch-patch (RHSA-2024:0554)

242785 Red Hat Update for kpatch-patch (RHSA-2024:0593)

242789 Red Hat Update for kernel (RHSA-2024:0575)

242830 Red Hat Update for kernel-rt (RHSA-2024:0563)

242831 Red Hat Update for kernel (RHSA-2024:0562)

242845 Red Hat Update for kernel (RHSA-2024:0448)

242846 Red Hat Update for kernel-rt (RHSA-2024:0439)

242847 Red Hat Update for kernel-rt (RHSA-2024:0431)

242855 Red Hat Update for kernel (RHSA-2024:0412)

242938 Red Hat Update for kpatch-patch (RHSA-2024:0876)

242939 Red Hat Update for kernel (RHSA-2024:0897)

242983 Red Hat Update for kernel-rt (RHSA-2024:0881)

243051 Red Hat Update for kernel (RHSA-2024:1249)

243055 Red Hat Update for kernel (RHSA-2024:1268)

243057 Red Hat Update for kpatch-patch (RHSA-2024:1278)

243058 Red Hat Update for kernel-rt (RHSA-2024:1269)

243068 Red Hat Update for kpatch-patch (RHSA-2024:1323)

243071 Red Hat Update for kernel-rt (RHSA-2024:1332)

257311 CentOS Security Update for kernel (CESA-2024:1249)

356567 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-027

356572 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-040

356606 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-053

356877 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-159

356879 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-158

356881 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-160

356882 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-157

356919 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-026

356923 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-024

356924 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-025

379435 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)

379614 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2024:0017)

6000429 Debian Security Update for linux (DLA 3710-1)

673534 EulerOS Security Update for kernel (EulerOS-SA-2024-1086)

673563 EulerOS Security Update for kernel (EulerOS-SA-2024-1144)

673595 EulerOS Security Update for kernel (EulerOS-SA-2023-3247)

673644 EulerOS Security Update for kernel (EulerOS-SA-2023-3336)

673692 EulerOS Security Update for kernel (EulerOS-SA-2023-3275)

673923 EulerOS Security Update for kernel (EulerOS-SA-2024-1062)

673995 EulerOS Security Update for kernel (EulerOS-SA-2024-1275)

674042 EulerOS Security Update for kernel (EulerOS-SA-2023-3304)

907535 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31567-1)

941584 AlmaLinux Security Update for kernel (ALSA-2024:0897)

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