



CVE-2023-38403

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Summary

CVE	CVE-2023-38403
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-17 21:15:00 UTC
Updated	2023-11-07 04:17:00 UTC
Description	iperf3 before 3.14 allows peers to cause an integer overflow and heap corruption via a crafted length field.

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Es	Iperf3	All	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All

References

Reference	Source	Link
Fix memory allocation hazard (#1542). (#1543) · esnet/iperf@0ef1515 · GitHub	MISC	github.com
Full Disclosure: APPLE-SA-10-25-2023-5 macOS Ventura 13.6.1	FULLDISC	seclists.org
Full Disclosure: APPLE-SA-10-25-2023-4 macOS Sonoma 14.1	FULLDISC	seclists.org
[SECURITY] [DLA 3506-1] iperf3 security update	MLIST	lists.debian.org
[SECURITY] Fedora 37 Update: iperf3-3.14-1.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
DoS on sending invalid length in iperf_api.c+2684 · Issue #1542 · esnet/iperf · GitHub	MISC	github.com
CVE-2023-38403 Debian Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp
#1040830 - ESNET-SECADV-2023-0001: iperf3 memory allocation hazard and crash - Debian Bug report logs	MISC	bugs.debian.or
About the security content of macOS Ventura 13.6.1 - Apple Support	CONFIRM	support.apple.c
About the security content of macOS Sonoma 14.1 - Apple Support	CONFIRM	support.apple.c

About the security content of macOS Sonoma 14.1 - Apple Support	CONFIRMED	support.apple.com
CWE - CWE-130: Improper Handling of Length Parameter Inconsistency (4.11)	MISC	cwe.mitre.org
[SECURITY] Fedora 38 Update: iperf3-3.14-1.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 38 Update: iperf3-3.14-1.fc38 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
downloads.es.net/pub/iperf/esnet-secadv-2023-0001.txt.asc	MISC	downloads.es.net
[SECURITY] Fedora 37 Update: iperf3-3.14-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160817 Oracle Enterprise Linux Security Update for iperf3 (ELSA-2023-4326)
160863 Oracle Enterprise Linux Security Update for iperf3 (ELSA-2023-4570)
160864 Oracle Enterprise Linux Security Update for iperf3 (ELSA-2023-4571)
199828 Ubuntu Security Notification for iperf3 Vulnerabilities (USN-6431-1)
199829 Ubuntu Security Notification for iperf3 Vulnerability (USN-6431-2)
241867 Red Hat Update for iperf3 (RHSA-2023:4326)
241891 Red Hat Update for iperf3 (RHSA-2023:4416)
241892 Red Hat Update for iperf3 (RHSA-2023:4415)
241898 Red Hat Update for iperf3 (RHSA-2023:4414)
241901 Red Hat Update for iperf3 (RHSA-2023:4431)
241902 Red Hat Update for iperf3 (RHSA-2023:4432)
241938 Red Hat Update for iperf3 (RHSA-2023:4571)
241940 Red Hat Update for iperf3 (RHSA-2023:4570)
257250 CentOS Security Update for iperf3
257288 CentOS Security Update for iperf3 (CESA-2023:4326)
284356 Fedora Security Update for iperf3 (FEDORA-2023-5f3b4c0b97)
284357 Fedora Security Update for iperf3 (FEDORA-2023-04243a1845)
296103 Oracle Solaris 11.4 Support Repository Update (SRU) 61.151.2 Missing (CPUJUL2023)
355682 Amazon Linux Security Advisory for iperf3 : ALAS2-2023-2153

355799 Amazon Linux Security Advisory for iperf3 : ALAS2023-2023-274
378759 Alibaba Cloud Linux Security Update for iperf3 (ALINUX2-SA-2023:0032)
378970 Apple macOS Ventura 13.6.1 Not Installed (HT213985)
378975 Apple MacOS Sonoma 14.1 Not Installed (HT213984)
503043 Alpine Linux Security Update for iperf3
503047 Alpine Linux Security Update for iperf3
503050 Alpine Linux Security Update for iperf3
6000047 Debian Security Update for iperf3 (DLA 3506-1)
6000199 Debian Security Update for iperf3 (DSA 5455-1)
907187 Common Base Linux Mariner (CBL-Mariner) Security Update for iperf3 (27672-1)
941215 AlmaLinux Security Update for iperf3 (ALSA-2023:4571)
941223 AlmaLinux Security Update for iperf3 (ALSA-2023:4570)

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