CVE-2021-28971

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Summary

CVE	CVE-2021-28971
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-22 17:15:00 UTC
Updated	2023-11-07 03:32:00 UTC
Description	In intel_pmu_drain_pebs_nhm in arch/x86/events/intel/ds.c in the Linux kernel through 5.11.8 on some Haswell CPUs, user

Risk And Classification

Problem Types: CWE-755

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Hardware	Netapp	Aff 500f	-	All	All	All
Operating System	Netapp	Aff 500f Firmware	-	All	All	All
Hardware	Netapp	Aff A250	-	All	All	All
Operating System	Netapp	Aff A250 Firmware	-	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Operating System	Netapp	Solidfire Baseboard Management Controller Firmware	-	All	All	All

References

Reference	Source	Link	T
[SECURITY] Fedora 34 Update: kernel-5.11.9-300.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 32 Update: kernel-5.11.10-100.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] [DLA 2689-1] linux security update	MLIST	lists.debian.org	

[SECURITY] Fedora 34 Update: kernel-5.11.9-300.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
[SECURITY] Fedora 33 Update: kernel-5.11.9-200.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] [DLA 2690-1] linux-4.19 security update	MLIST	lists.debian.org	
[SECURITY] Fedora 33 Update: kernel-5.11.9-200.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
March 2021 Linux Kernel 5.11.8 Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com	
[SECURITY] Fedora 32 Update: kernel-5.11.10-100.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159177 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9220)

159178 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9221)

159179 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9222)

159180 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9223)

159492 Oracle Enterprise Linux Security Update for kernel (ELSA-2021-4356)

174896 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1177-1)

174897 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1175-1)

174916 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1210-1)

174917 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1211-1)

174919 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1238-1)

178679 Debian Security Update for linux-4.19 (DLA 2690-1)

178680 Debian Security Update for linux (DLA 2689-1)

180423 Debian Security Update for linux (CVE-2021-28971)

198365 Ubuntu Security Notification for Linux kernel (OEM) vulnerabilities (USN-4948-1)

198398 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4979-1)

198401 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4982-1)

198403 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4984-1)

239816 Red Hat Update for kernel security (RHSA-2021:4356)

239879 Red Hat Update for kernel-rt (RHSA-2021:4140)

281407 Fedora Security Update for kernel (FEDORA-2021-9503fffad9)

281424 Fedora Security Update for kernel (FEDORA-2021-68b0dd2373)

281425 Fedora Security Update for kernel (FEDORA-2021-e636ce53df)

352366 Amazon Linux Security Advisory for kernel: ALAS-2021-1503

353100 Amazon Linux Security Advisory for kernel : ALAC2012-2021-024

353101 Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-025

353102 Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-026

353149 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-002

6140145 AWS Bottlerocket Security Update for kernel (GHSA-5q9c-rrw2-47f6)

670449 EulerOS Security Update for kernel (EulerOS-SA-2021-2051)

750004 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1573-1)

750006 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1596-1)

750015 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1624-1)

750199 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0758-1)

750276 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0532-1)

750650 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1975-1)

750652 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1977-1)

750762 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1977-1)

750766 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1975-1)

900100 CBL-Mariner Linux Security Update for kernel 5.10.52.1

900305 CBL-Mariner Linux Security Update for kernel 5.10.57.1

900320 CBL-Mariner Linux Security Update for kernel 5.10.60.1

901522 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6542-1)

903612 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (4010)

906045 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (4010-1)

940265 AlmaLinux Security Update for kernel (ALSA-2021:4356)