CVE-2021-34556

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Summary

CVE	CVE-2021-34556
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-08-02 05:15:00 UTC
Updated	2023-11-07 03:36:00 UTC
Description	In the Linux kernel through 5.13.7, an unprivileged BPF program can obtain sensitive information from kernel memory via a

Risk And Classification

Problem Types: CWE-203

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	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference
[SECURITY] Fedora 34 Update: kernel-5.13.8-200.fc34 - package-announce - Fedora Mailing-Lists
oss-security - [CVE-2021-34556,CVE-2021-35477] Linux kernel BPF protection against Speculative Store Bypass can be bypassed to disclos
[SECURITY] Fedora 33 Update: kernel-5.13.8-100.fc33 - package-announce - Fedora Mailing-Lists
git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/patch
git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/patch
[SECURITY] Fedora 33 Update: kernel-5.13.8-100.fc33 - package-announce - Fedora Mailing-Lists
[SECURITY] [DLA 2785-1] linux-4.19 security update
[SECURITY] Fedora 34 Update: kernel-5.13.8-200.fc34 - package-announce - Fedora Mailing-Lists
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

178844 Debian Security Update for linux-4.19 (DLA 2785-1)

180199 Debian Security Update for linux (CVE-2021-34556)

198515 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5092-1)

198523 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5092-2)

198524 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5096-1)

198542 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5115-1)

198563 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5137-1)

198565 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5137-2)

281775 Fedora Security Update for kernel (FEDORA-2021-4d4d3866ca)

281780 Fedora Security Update for kernel (FEDORA-2021-54ee631709)

352503 Amazon Linux Security Advisory for kernel: ALAS2-2021-1696

353156 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-004

610418 Google Pixel Android June 2022 Security Patch Missing

671134 EulerOS Security Update for kernel (EulerOS-SA-2021-2688)

671137 EulerOS Security Update for kernel (EulerOS-SA-2021-2713)

671268 EulerOS Security Update for kernel (EulerOS-SA-2022-1196)

751137 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1271-1)

751160 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3179-1)

751163 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3206-1)

751170 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3205-1)

751336 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1460-1)

751349 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1477-1)

751381 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3748-1)

751437 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)

751441 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)

751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

751473 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3969-1)

751476 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3972-1)

900289 CBL-Mariner Linux Security Update for kernel 5.10.52.1

900304 CBL-Mariner Linux Security Update for kernel 5.10.57.1

900319 CBL-Mariner Linux Security Update for kernel 5.10.60.1

900922 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6566-1)

903470 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (4989)

906090 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (4989-1)