



CVE-2021-29155

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Summary

CVE	CVE-2021-29155
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-20 16:15:00 UTC
Updated	2023-11-07 03:32:00 UTC
Description	An issue was discovered in the Linux kernel through 5.11.x. kernel/bpf/verifier.c performs undesirable out-of-bounds specul

Risk And Classification

Problem Types: CWE-125

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

References

Reference

[SECURITY] Fedora 33 Update: kernel-5.11.16-200.fc33 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: kernel-5.11.16-300.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: kernel-5.11.16-300.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: kernel-5.11.16-200.fc33 - package-announce - Fedora Mailing-Lists
oss-security - [CVE-2021-29155] Linux kernel protection for sequences of pointer arithmetic operations against speculatively out-of-bounds load
[SECURITY] Fedora 32 Update: kernel-5.11.16-100.fc32 - package-announce - Fedora Mailing-Lists
[SECURITY] [DLA 2690-1] linux-4.19 security update
The Linux Kernel Archives
[SECURITY] Fedora 32 Update: kernel-5.11.16-100.fc32 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159306](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9362)

[159307](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9363)

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

[174997](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1571-1)

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

[179965](#) Debian Security Update for linux (CVE-2021-29155)

[198396](#) Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4977-1)

[198402](#) Ubuntu Security Notification for Linux kernel (OEM) vulnerabilities (USN-4983-1)

[198417](#) Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4999-1)

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

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

[281274](#) Fedora Security Update for kernel (FEDORA-2021-a963f04012)

[281275](#) Fedora Security Update for kernel (FEDORA-2021-e6b4847979)

[281276](#) Fedora Security Update for kernel (FEDORA-2021-8cd093f639)

[352366](#) Amazon Linux Security Advisory for kernel: ALAS-2021-1503

[352375](#) Amazon Linux Security Advisory for kernel: ALAS2-2021-1636

[353148](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-003

[353159](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-001

[610372](#) Google Pixel Android October 2021 Security Patch Missing

[6140050](#) AWS Bottlerocket Security Update for kernel (GHSA-p6gr-qgv9-5r3p)

[670488](#) EulerOS Security Update for kernel (EulerOS-SA-2021-2246)

[670514](#) EulerOS Security Update for kernel (EulerOS-SA-2021-2272)

[670543](#) EulerOS Security Update for kernel (EulerOS-SA-2021-2301)

[750001](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1572-1)

750003 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1574-1)
750004 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1573-1)
750005 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1595-1)
750006 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1596-1)
750012 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1622-1)
750015 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1624-1)
750137 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1915-1)
750216 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0716-1)
750643 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0873-1)
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)
900096 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
901529 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6545-1)
903583 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (4119)
906112 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (4119-1)
940265 AlmaLinux Security Update for kernel (ALSA-2021:4356)

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