



CVE-2022-1789

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2022-1789
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-06-02 14:15:00 UTC
Updated	2023-11-07 03:42:00 UTC
Description	With shadow paging enabled, the INVPCID instruction results in a call to kvm_mmu_invpcid_gva. If INVPCID is executed w

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 34 Update: kernel-5.17.12-100.fc34 - package-announce - Fedora Mailing-Lists		lists.fedor
1832397 - (CVE-2020-10135) CVE-2020-10135 kernel: bluetooth: BR/EDR Bluetooth Impersonation Attacks (BIAS)	MISC	bugzilla.re
[SECURITY] Fedora 35 Update: kernel-5.17.12-200.fc35 - package-announce - Fedora Mailing-Lists		lists.fedor
[SECURITY] Fedora 36 Update: kernel-5.17.12-300.fc36 - package-announce - Fedora Mailing-Lists		lists.fedor
VU#647177 - Bluetooth devices supporting BR/EDR are vulnerable to impersonation attacks	MISC	kb.cert.org
[SECURITY] Fedora 34 Update: kernel-5.17.12-100.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedor
[SECURITY] Fedora 36 Update: kernel-5.17.12-300.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedor
Debian -- Security Information -- DSA-5161-1 linux	DEBIAN	www.debi

Search	MISC	francozap
[SECURITY] Fedora 35 Update: kernel-5.17.12-200.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedor
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [160583](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2458)
- [160692](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2951)
- [179371](#) Debian Security Update for linux (DSA 5161-1)
- [182466](#) Debian Security Update for linux (CVE-2022-1789)
- [198857](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5514-1)
- [198861](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5518-1)
- [198868](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5529-1)
- [198875](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5539-1)
- [198897](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5564-1)
- [241417](#) Red Hat Update for kernel security (RHSA-2023:2458)
- [241468](#) Red Hat Update for kernel-rt (RHSA-2023:2148)
- [241504](#) Red Hat Update for kernel security (RHSA-2023:2951)
- [241527](#) Red Hat Update for kernel-rt (RHSA-2023:2736)
- [282804](#) Fedora Security Update for kernel (FEDORA-2022-be819b07a3)
- [282805](#) Fedora Security Update for kernel (FEDORA-2022-3b86247c11)
- [282806](#) Fedora Security Update for kernel (FEDORA-2022-ef8c8a5925)
- [353993](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-016
- [354007](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-015
- [354018](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-003
- [354022](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-002
- [354023](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-017
- [354024](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-004

354270 Amazon Linux Security Advisory for kernel : ALAS2022-2022-114
354468 Amazon Linux Security Advisory for kernel : ALAS2022-2022-185
354542 Amazon Linux Security Advisory for kernel : ALAS-2022-185
355199 Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
377117 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
6140152 AWS Bottlerocket Security Update for kernel (GHSA-898x-fg76-8p5p)
672017 EulerOS Security Update for kernel (EulerOS-SA-2022-2244)
672037 EulerOS Security Update for kernel (EulerOS-SA-2022-2257)
672114 EulerOS Security Update for kernel (EulerOS-SA-2022-2292)
752370 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2520-1)
753148 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2615-1)
941023 AlmaLinux Security Update for kernel (ALSA-2023:2458)
941061 AlmaLinux Security Update for kernel-rt (ALSA-2023:2148)
941096 AlmaLinux Security Update for kernel (ALSA-2023:2951)
941114 AlmaLinux Security Update for kernel-rt (ALSA-2023:2736)

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