



CVE-2022-33744

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

Summary

CVE	CVE-2022-33744
State	PUBLIC
Assigner	security@xen.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-05 13:15:00 UTC
Updated	2022-10-29 02:50:00 UTC
Description	Arm guests can cause Dom0 DoS via PV devices When mapping pages of guests on Arm, dom0 is using an rbtree to keep

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
XSA-406 - Xen Security Advisories	CONFIRM	xenbits.xer
oss-security - Xen Security Advisory 406 v3 (CVE-2022-33744) - Arm guests can cause Dom0 DoS via PV devices	MLIST	www.open
[SECURITY] [DLA 3131-1] linux security update	MLIST	lists.debian
Debian -- Security Information -- DSA-5191-1 linux	DEBIAN	www.debian
xenbits.xenproject.org/xsa/advisory-406.txt	MISC	xenbits.xer
CVE Program record	CVE.ORG	www.cve.o
NVD vulnerability detail	NVD	nvd.nist.go

Vendor Comments And Credit

Discovery Credit

LEGACY: Array

Legacy QID Mappings

180900	Debian Security Update for linux (DSA 5191-1)
181091	Debian Security Update for linux (DLA 3131-1)
183821	Debian Security Update for linux (CVE-2022-33744)
198948	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5624-1)
198950	Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)
198953	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5633-1)
198958	Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5635-1)
198960	Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-5640-1)
198964	Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5644-1)
198967	Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5648-1)
198972	Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5655-1)
198978	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5669-1)
198980	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5668-1)
198985	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5678-1)
198987	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5677-1)
198989	Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5683-1)
198990	Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-5682-1)
198994	Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5687-1)
199011	Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5706-1)
354002	Amazon Linux Security Advisory for kernel : ALAS2-2022-1825
354016	Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-018
354025	Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-033
354030	Amazon Linux Security Advisory for kernel : ALAS-2022-1624
377117	Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
378043	Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0011)
502600	Alpine Linux Security Update for xen
503695	Alpine Linux Security Update for xen

6140072 AWS Bottlerocket Security Update for kernel (GHSA-vvf7-ccjw-7682)
672139 EulerOS Security Update for kernel (EulerOS-SA-2022-2428)
672158 EulerOS Security Update for kernel (EulerOS-SA-2022-2415)
902475 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10133)
902508 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10130)
904137 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10108-1)
904197 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10121-1)
905849 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10121-2)
906413 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10108-2)

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