



CVE-2021-28688

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

Summary

CVE	CVE-2021-28688
State	PUBLIC
Assigner	security@xen.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-06 19:15:00 UTC
Updated	2022-05-27 16:46:00 UTC
Description	The fix for XSA-365 includes initialization of pointers such that subsequent cleanup code wouldn't use uninitialized or stale v

Risk And Classification

Problem Types: CWE-665

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	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
xenbits.xenproject.org/xsa/advisory-371.txt	MISC	xenbits.xenproject.org	
[SECURITY] [DLA 2689-1] linux security update	MLIST	lists.debian.org	
[SECURITY] [DLA 2690-1] linux-4.19 security update	MLIST	lists.debian.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: Array

Legacy QID Mappings

[159175](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9215)

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)
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)
174947 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 38 for SLE 12 SP3) (SUSE-SU-2021:1341-1)
174950 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 21 for SLE 15) (SUSE-SU-2021:1344-1)
174952 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15) (SUSE-SU-2021:1347-1)
174953 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15 SP1) (SUSE-SU-2021:1395-1)
174954 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 36 for SLE 12 SP3) (SUSE-SU-2021:1373-1)
174955 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 17 for SLE 15 SP1) (SUSE-SU-2021:1365-1)
178679 Debian Security Update for linux-4.19 (DLA 2690-1)
178680 Debian Security Update for linux (DLA 2689-1)
180354 Debian Security Update for linux (CVE-2021-28688)
198365 Ubuntu Security Notification for Linux kernel (OEM) vulnerabilities (USN-4948-1)
198371 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4946-1)
198401 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4982-1)
198403 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4984-1)
352274 Amazon Linux Security Advisory for kernel: ALAS2-2021-1627
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

375504 Citrix XenServer Security Updates(CTX306565)
390225 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0016)
6140394 AWS Bottlerocket Security Update for kernel (GHSA-86p4-6h36-c333)
670416 EulerOS Security Update for kernel (EulerOS-SA-2021-1983)
670438 EulerOS Security Update for kernel (EulerOS-SA-2021-2062)
671723 EulerOS Security Update for kernel (EulerOS-SA-2022-1780)
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)
750675 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 39 for SLE 12 SP3) (SUSE-SU-2021:2026-1)
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)
751036 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 40 for SLE 12 SP3) (SUSE-SU-2021:2846-1)
751487 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 41 for SLE 12 SP3) (SUSE-SU-2021:4052-1)
751776 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 42 for SLE 12 SP3) (SUSE-SU-2022:0668-1)
751933 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 43 for SLE 12 SP3) (SUSE-SU-2022:1003-1)
752116 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 44 for SLE 12 SP3) (SUSE-SU-2022:1641-1)
752231 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2082-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)