CVE-2021-3669

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Summary

CVE	CVE-2021-3669
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-26 16:15:00 UTC
Updated	2023-07-07 19:16:00 UTC
Description	A flaw was found in the Linux kernel. Measuring usage of the shared memory does not scale with large shared memory seg

Risk And Classification

Problem Types: CWE-770

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	Debian	Debian Linux	10.0	All
Operating System	Debian	Debian Linux	11.0	All
Operating System	Fedoraproject	Fedora	34	All
Application	Ibm	Spectrum Copy Data Management	All	All
Application	Ibm	Spectrum Protect Plus	All	All
Operating System	Linux	Linux Kernel	-	All
Operating System	Linux	Linux Kernel	All	All
Application	Redhat	Build Of Quarkus	All	All
Application	Redhat	Codeready Linux Builder	-	All
Application	Redhat	Developer Tools	1.0	All
Operating System	Redhat	Enterprise Linux	8.0	All
Operating System	Redhat	Enterprise Linux	6.0	All
Operating System	Redhat	Enterprise Linux	7.0	All
Operating System	Redhat	Enterprise Linux	8.0	All
Operating System	Redhat	Enterprise Linux Aus	8.6	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	8.0	All

Operating System	Redhat	Enterprise Linux For Ibm Z Systems Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Real Time	8	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv	8	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv Tus	8.6	All
Operating System	Redhat	Enterprise Linux For Real Time Tus	8.6	All
Operating System	Redhat	Enterprise Linux Server Aus	8.6	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.6	All
Operating System	Redhat	Enterprise Linux Server Tus	8.6	All
Application	Redhat	Openshift Container Platform	4.6	All
Application	Redhat	Openshift Container Platform	4.7	All
Application	Redhat	Openshift Container Platform	4.9	All
Application	Redhat	Virtualization Host	4.0	All

References

Reference
Red Hat Customer Portal - Access to 24x7 support and knowledge
1986473 – (CVE-2021-3669) CVE-2021-3669 kernel: reading /proc/sysvipc/shm does not scale with large shared memory segment counts
Red Hat Customer Portal - Access to 24x7 support and knowledge
CVE-2021-3669
Bug Access Denied
Red Hat Customer Portal - Access to 24x7 support and knowledge
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159825 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)

160107 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9828)

160108 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2022-9829)

184512 Debian Security Update for linux (CVE-2021-3669)

199218 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5927-1)

199259 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5980-1)

199261 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5984-1)

199264 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5985-1)

199267 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5991-1)

199289 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6020-1)

199300 Ubuntu Security Notification for Linux kernel (Qualcomm Snapdragon) Vulnerabilities (USN-6030-1)

199405 Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6151-1)

199502 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5975-1)

199541 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5924-1)

199560 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)

199568 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)

199570 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5981-1)

199577 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)

199587 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6009-1)

240275 Red Hat Update for kernel-rt (RHSA-2022:1975)

240298 Red Hat Update for kernel security (RHSA-2022:1988)

671159 EulerOS Security Update for kernel (EulerOS-SA-2021-2805)

671219 EulerOS Security Update for kernel (EulerOS-SA-2022-1030)

671225 EulerOS Security Update for kernel (EulerOS-SA-2022-1010)

671288 EulerOS Security Update for kernel (EulerOS-SA-2022-1227)

671304 EulerOS Security Update for kernel (EulerOS-SA-2022-1208)

671611 EulerOS Security Update for kernel (EulerOS-SA-2022-1537)

671703 EulerOS Security Update for kernel (EulerOS-SA-2022-1735)

751217 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3387-1)

751223 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3338-1)

751234 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1357-1)

751235 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3447-1)

751245 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1365-1)

903781 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10701)

903867 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10676)

904257 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10676-1)

906337 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10676-2)

940517 AlmaLinux Security Update for kernel (ALSA-2022:1988)

960132 Rocky Linux Security Update for kernel-rt (RLSA-2022:1975)

960134 Rocky Linux Security Update for kernel (RLSA-2022:1988)