



CVE-2019-3874

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2019-3874
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-03-25 19:29:00 UTC
Updated	2023-02-12 23:38:00 UTC
Description	The SCTP socket buffer used by a userspace application is not accounted by the cgroups subsystem. An attacker can use

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager For Vmware Vsphere	All	All	All	All
Application	Netapp	Active Iq Unified Manager For Vmware Vsphere	All	All	All	All
Hardware	Netapp	Cn1610	-	All	All	All

Hardware	Netapp	Cn1610	-	All	All	All
Operating System	Netapp	Cn1610 Firmware	-	All	All	All
Operating System	Netapp	Cn1610 Firmware	-	All	All	All
Application	Netapp	Hci Management Node	-	All	All	All
Application	Netapp	Hci Management Node	-	All	All	All
Application	Netapp	Snapprotect	-	All	All	All
Application	Netapp	Snapprotect	-	All	All	All
Application	Netapp	Solidfire	-	All	All	All
Application	Netapp	Solidfire	-	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All

References

Reference

[April 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security](#)

[USN-3980-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu](#)

[USN-3982-2: Linux kernel \(Xenial HWE\) vulnerabilities | Ubuntu security notices](#)

[USN-3982-1: Linux kernel vulnerabilities | Ubuntu security notices](#)

[Red Hat Customer Portal](#)

[USN-3980-2: Linux kernel \(HWE\) vulnerabilities | Ubuntu security notices | Ubuntu](#)

[Red Hat Customer Portal](#)

[USN-3979-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu](#)

[\[SECURITY\] \[DLA 2385-1\] linux-4.19 security update](#)

[Kubernetes Security Announcement - Linux Kernel memory cgroups escape via sctp - CVE-2019-3874 - Announcements - Discuss Kubernetes](#)

[1686373 – \(CVE-2019-3874\) CVE-2019-3874 kernel: SCTP socket buffer memory leak leading to denial of service](#)

[\[PATCH net-next 0/2\] sctp: fully support memory accounting](#)

[1686373 – \(CVE-2019-3874\) CVE-2019-3874 kernel: SCTP socket buffer memory leak leading to denial of service](#)

[USN-3981-1: Linux kernel vulnerabilities | Ubuntu security notices](#)

[Red Hat Customer Portal](#)

[Oracle Critical Patch Update Advisory - April 2021](#)

[USN-3981-2: Linux kernel \(HWE\) vulnerabilities | Ubuntu security notices](#)

[CVE Program record](#)

[NVD vulnerability detail](#)



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[377038](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0198)

[751155](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3192-1)

[751163](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3206-1)

[751437](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)

[751441](#) OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)

[751473](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3969-1)

[751476](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3972-1)

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