



CVE-2020-8834

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

Summary

CVE	CVE-2020-8834
State	PUBLIC
Assigner	security@ubuntu.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-04-09 22:15:00 UTC
Updated	2022-10-07 15:43:00 UTC
Description	KVM in the Linux kernel on Power8 processors has a conflicting use of HSTATE_HOST_R1 to store r1 state in kvmppc_hv.

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Hardware	Ibm	Power8	-	All	All	All
Hardware	Ibm	Power8	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

References

Reference	Source	Link
oss-security - CVE-2020-8834: Linux kernel Power8 conflicting use of HSTATE_HOST_R1 vulnerability	CONFIRM	www.openwall.com
[security-announce] openSUSE-SU-2020:0543-1: important: Security update	SUSE	lists.opensuse.org
USN-4318-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Bug #1867717 "PPC: KVM: Book3S HV: Fix conflicting use of HSTATE..." : Bugs : linux package : Ubuntu	CONFIRM	bugs.launchpad.net
USN-4318-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com

CVE Program record

CVE.ORG www.cve.org

NVD vulnerability detail

NVD nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

LEGACY: Gustavo Romero

LEGACY: Paul Mackerras

Legacy QID Mappings

[750691](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2020:1141-1)

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