



CVE-2022-2639

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Summary

CVE	CVE-2022-2639
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-01 21:15:00 UTC
Updated	2024-02-02 02:36:00 UTC
Description	An integer coercion error was found in the openvswitch kernel module. Given a sufficiently large number of actions, while c

Risk And Classification

Problem Types: CWE-681

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.18	-	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source
openvswitch: fix OOB access in reserve_sfa_size() · torvalds/linux@cefa91b · GitHub	MIS
2084479 – (CVE-2022-2639) CVE-2022-2639 kernel: openvswitch: integer underflow leads to out-of-bounds write in reserve_sfa_size()	MIS
CVE Program record	CVI
NVD vulnerability detail	NVI

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160210](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2022-7683)

[160270](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2022-8267)

160345 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-10065)
180913 Debian Security Update for linux (CVE-2022-2639)
240815 Red Hat Update for kernel-rt (RHSA-2022:7444)
240817 Red Hat Update for kernel security (RHSA-2022:7683)
240869 Red Hat Update for kernel-rt (RHSA-2022:7933)
240904 Red Hat Update for kernel security (RHSA-2022:8267)
240957 Red Hat Update for kernel-rt (RHSA-2022:8765)
240958 Red Hat Update for kpatch-patch (RHSA-2022:8768)
240959 Red Hat Update for kernel (RHSA-2022:8767)
240968 Red Hat Update for kernel (RHSA-2022:8809)
240969 Red Hat Update for kpatch-patch (RHSA-2022:8831)
241003 Red Hat Update for kernel-rt (RHSA-2022:8941)
241008 Red Hat Update for kernel (RHSA-2022:8973)
241009 Red Hat Update for kernel-rt (RHSA-2022:8974)
241022 Red Hat Update for kpatch-patch (RHSA-2022:9082)
241619 Red Hat Update for kpatch-patch (RHSA-2023:0059)
241682 Red Hat Update for kernel (RHSA-2023:0058)
355565 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-023
377117 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
377597 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0040)
377871 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0001)
390269 Oracle VM Server for x86 Security Update for kernel (OVMSA-2022-0031)
672205 EulerOS Security Update for kernel (EulerOS-SA-2022-2466)
672278 EulerOS Security Update for kernel (EulerOS-SA-2022-2686)
672286 EulerOS Security Update for kernel (EulerOS-SA-2022-2654)
672354 EulerOS Security Update for kernel (EulerOS-SA-2022-2732)
672391 EulerOS Security Update for kernel (EulerOS-SA-2022-2767)
752502 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2875-1)

752584 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3265-1)
752591 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3274-1)
752592 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3282-1)
752594 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3293-1)
752596 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3291-1)
752615 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3408-1)
752632 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3450-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
753167 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3288-1)
753316 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2892-1)
753370 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3609-1)
940732 AlmaLinux Security Update for kernel (ALSA-2022:7683)
940766 AlmaLinux Security Update for kernel-rt (ALSA-2022:7444)
940798 AlmaLinux Security Update for kernel (ALSA-2022:8267)
940843 AlmaLinux Security Update for kernel-rt (ALSA-2022:7933)
960176 Rocky Linux Security Update for kernel-rt (RLSA-2022:7444)
960184 Rocky Linux Security Update for kernel (RLSA-2022:7683)

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