



Advisory Alert

Alert Number: AAA20221205

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Overview

Product	Severity	Vulnerability
Redhat	High	Out of Bounds Write Access Vulnerability

Description

Affected Product	Redhat
Severity	High
Affected Vulnerability	Out of Bounds Write Access Vulnerability (CVE-2022-2639)
Description	<p>RedHat has released Security Updates addressing an out of bounds write access vulnerability that exists in the Linux kernel.</p> <p>CVE-2022-2639 – A vulnerability that exist because of a flaw that occurred because of an integer coercion error that exist in the openswitch kernel module. Given a sufficiently large number of actions, while copying and reserving memory for a new action of a new flow, the reserve_sfa_size() function does not return -EMSGSIZE as expected, potentially leading to an out-of-bounds write access. This flaw allows a local user to crash or potentially escalate their privileges on the system.</p> <p>Redhat recommends to apply necessary security fixes at earliest to avoid issues</p>
Affected Products	<p>Red Hat Enterprise Linux for Real Time - Telecommunications Update Service 8.4 x86_64</p> <p>Red Hat Enterprise Linux for Real Time for NFV - Telecommunications Update Service 8.4 x86_64</p> <p>Red Hat Enterprise Linux for x86_64 - Extended Update Support 8.4 x86_64</p> <p>Red Hat Enterprise Linux Server - AUS 8.4 x86_64</p> <p>Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 8.4 s390x</p> <p>Red Hat Enterprise Linux for Power, little endian - Extended Update Support 8.4 ppc64le</p> <p>Red Hat Enterprise Linux Server - TUS 8.4 x86_64</p> <p>Red Hat Enterprise Linux for ARM 64 - Extended Update Support 8.4 aarch64</p> <p>Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.4 ppc64le</p> <p>Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.4 x86_64</p> <p>Red Hat CodeReady Linux Builder for x86_64 - Extended Update Support 8.4 x86_64</p> <p>Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 8.4 ppc64le</p> <p>Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 8.4 aarch64</p>
Officially Acknowledged by the Vendor	Yes
Patch/ Workaround Released	Yes
Reference	<p>https://access.redhat.com/errata/RHSA-2022:8765</p> <p>https://access.redhat.com/errata/RHSA-2022:8767</p> <p>https://access.redhat.com/errata/RHSA-2022:8768</p>

Disclaimer

The information provided herein is on "as is" basis, without warranty of any kind. FinCSIRT highly recommend to follow the company policies and procedures when applying the necessary patches with thorough testing and ensuring proper roll-back capabilities exists.