SERVICE ALERT

Prepared Nov 27, 2026, 5:30 PM PST

Oracle Linux: CVE-2026-31678 Open vSwitch tunnel netdev reference race in Linux kernel

Status: Recovering / monitoring

Started Apr 24, 2026, 5:00 PM PDT

WHAT HAPPENED

A Linux kernel flaw (CVE-2026-31678) can crash or destabilise a server that uses Open vSwitch networking. A fix for Oracle Linux 8 appears to be available, and BIS is confirming it on the servers we manage. Please tell us if you run Oracle Linux 8 servers with virtual networking, and we will confirm the update status with you.

DOES THIS AFFECT YOU?

Servers running Oracle Linux 8 with Open vSwitch virtual networking are affected. BIS will check the machines we manage.

WHAT BIS IS DOING

We are checking the Oracle Linux 8 kernel advisories for this CVE and will install the update on the Oracle Linux 8.10 machines we manage. We will tell you when that is done.

WHAT YOU NEED TO DO

Nothing for you to do yet. BIS will tell you if your server needs a reboot.

IS THIS A HACK?

Not confirmed — an attack has been suggested, but the vendor has not confirmed it.

LATEST UPDATES

Nov 27, 2026, 5:30 PM PST

Third-party copies of Oracle's Oracle Linux 8 kernel advisories list CVE-2026-31678, and a public exploit note has surfaced; Oracle's own errata page was not opened on this run.

Nov 27, 2026, 3:05 PM PST

Red Hat's RHEL 8 advisory RHSA-2026:82807 for this CVE is dated 14 Oct 2026, and a Red Hat Bugzilla comment claims a public exploit exists, which conflicts with OffSeq.

Nov 27, 2026, 11:03 AM PST

Oracle Linux 8 appears to have a kernel erratum (ELSA-2026-82807) that lists CVE-2026-31678, according to a Tenable summary; I could not open Oracle's advisory to confirm it.

WHAT THE IT COMMUNITY IS SAYING

Searches of the social and forum results turned up no posts from the last 7 days about CVE-2026-31678, the Open vSwitch tunnel netdev race, RHSA-2026:82807 or ELSA-2026-82807. Nobody is reporting impact, workarounds, vendor replies, or confirmation of an Oracle fix. The only Open vSwitch kernel thread found is about a different CVE, CVE-2026-64531, roughly 114 days old, so it is not part of this topic.

From public posts by IT administrators; not confirmed by the vendor.

For technical details (versions, patches and sources), ask BIS for the Technical brief.

Questions? Contact BIS Computer Solutions, Inc.

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