Subject: Openvz7 and CVE-2026-31431 (Copy Fail) vulnerability
Posted by nathan.brownrice on Fri, 01 May 2026 06:25:48 GMT
View Forum Message <> Reply to Message

Hey guys! Has anyone been able to confirm if Openvz7 on the latest kernel is vulnerable to CVE-2026-31431 (Copy Fail)? Im trying to confirm whether my hosts are actually vulnerable.

Kernel:

3.10.0-1160.119.1.vz7.224.4

Research:

Since Openvz7 is based off the RHEL7, which is not vulnerable to this, I think we're in the clear: https://access.redhat.com/security/cve/cve-2026-31431

The code that introduced this bug was added to the Linux kernel in 2017 (commit 72548b093ee3). Because the RHEL 7 kernel (and OpenVZ 7 kernel) is based on the 3.10 branch from 2013, it does not contain the 2017 "performance optimization" that created the security hole introduced in kernel 4.14.

Proof:

algif_aead is not present:

modprobe -n -v algif_aead
modprobe: FATAL: Module algif_aead not found.

af_alg not loaded:

lsmod | grep af_alg

Results in no output.

There are no related modules in /lib/modules and CONFIG_CRYPTO_USER_API_AEAD appears unset.

What have you guys found? Any official Virtuozzo guidance or patched kernel version yet? I'd like a sanity check that we're in the clear before I celebrate.

Thanks,