

USN-4911-1: Linux kernel (OEM) vulnerabilities

It was discovered that the Nouveau GPU driver in the Linux kernel did not properly handle error conditions in some situations. A local attacker could use this to cause a denial of service (system crash). (CVE-2020-25639)

Jan Beulich discovered that the Xen netback backend in the Linux kernel did not properly handle certain error conditions under paravirtualization. An attacker in a guest VM could possibly use this to cause a denial of service (host domain crash). (CVE-2021-28038)

It was discovered that the fastrpc driver in the Linux kernel did not prevent user space applications from sending kernel RPC messages. A local attacker could possibly use this to gain elevated privileges. (CVE-2021-28375)

It was discovered that the fuse user space file system implementation in the Linux kernel did not properly handle bad inodes in some situations. A local attacker could possibly use this to cause a denial of service. (CVE-2021-28950)