

Overall Rating - High



This notification is intended as an informational bulletin for technical audiences.

Summary

The Vulnerability and Risk Management (VRM) Team is aware a use-after-free flaw was found in `vmxnet3_rq_alloc_rx_buf` in `drivers/net/vmxnet3/vmxnet3_drv.c` in VMware's `vmxnet3` ethernet NIC driver in the Linux Kernel.

Technical Details

This issue could allow a local attacker to crash the system due to a double-free while cleaning up `vmxnet3_rq_cleanup_all`, which could also lead to a kernel information leak problem.

This vulnerability is rated as a **High** Severity.

Recommended Action

- Investigate how your area of responsibility is affected.
- Notify business owner(s) as required.
- *Ensure mitigation is performed at your next change window.*

Please notify [VRM](#) with any questions or concerns you may have.

References

- [CVE-2023-4387](#)
- <https://access.redhat.com/security/cve/CVE-2023-4387>
- https://bugzilla.redhat.com/show_bug.cgi?id=2219270
- <https://github.com/torvalds/linux/commit/9e7fef9521e73ca8afd7da9e58c14654b02dfad8>