Overall Rating: High

This is a technical bulletin intended for technical audiences.

Summary

The Vulnerability and Risk Management (VRM) Team has been made aware of Ubuntu published a security notice to address vulnerabilities in the Linux kernel affecting the following product:

- Ubuntu 22.04 LTS

Technical Details

A flaw was found in the Linux kernel's NVMe driver. This issue may allow an unauthenticated malicious actor to send a set of crafted TCP packages when using NVMe over TCP, leading the NVMe driver to a NULL pointer dereference in the NVMe driver, causing kernel panic and a denial of service.

This vulnerability is rated as a **HIGH** risk. A software update exists to address this risk.

Action Required

- Locate the device or application and investigate.
- Notify business owner(s).
- Perform mitigating actions, as required.

Please notify VRM with any questions or concerns you may have
VulnerabilityandRiskManagement@gov.bc.ca

References

- CVE-2023-6356 CVE-2023-6535 CVE-2023-6536 CVE-2024-21823 CVE-2024-23849 CVE-2024-24860
- USN-6818-7 - Linux kernel vulnerabilities
- Ubuntu Security Notices
- VRM Vulnerability Reports