

Overall rating: High



This is a technical bulletin intended for technical audiences.

## Summary

The Vulnerability and Risk Management (VRM) Team has been made aware NVIDIA has released a software security update for the NVIDIA GPU Display Drivers.

## Technical Details

NVIDIA has released a software security update for the NVIDIA GPU Display Drivers. The security update addresses issues that may lead to denial of service, information disclosure, escalation of privileges, code execution or data tampering.

### **Exploitability Metrics**

Attack Vector: Local

Attack Complexity: Low

Privileges Required: None

User Interaction: None

This vulnerability is rated as a **HIGH** risk. A software patch 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.

## References

- [CVE-2022-24351](#), [CVE-2022-27879](#), [CVE-2022-37343](#), [CVE-2022-38083](#), [CVE-2022-40982](#), [CVE-2022-41804](#), [CVE-2022-43505](#), [CVE-2022-44611](#), [CVE-2022-46897](#), [CVE-2023-20555](#), [CVE-2023-20569](#), [CVE-2023-23908](#), [CVE-2023-26090](#), [CVE-2023-27471](#), [CVE-2023-28468](#), [CVE-2023-31041](#), [CVE-2023-34419](#), [CVE-2023-4028](#), [CVE-2023-4029](#), [CVE-2023-4030](#)
- [NVIDIA Display Driver Advisory - August 2022](#)

- [Lenovo Product Security Advisories and Announcements](#)

***Please note that we will be transitioning to a new site on August 31, 2023, where we will post the vulnerability reports.***

You will be able to find all the reports that we have published as well as all future reports here:  
<https://bcgov.sharepoint.com/sites/CITZ-ISB/SitePages/vulnerability-reports.aspx>

If you have any questions, please reach out to [OCIOSecurity@gov.bc.ca](mailto:OCIOSecurity@gov.bc.ca)