

Overall Rating: High



This is a technical bulletin intended for technical audiences.

Summary

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

- Ubuntu 14.04 ESM
- Ubuntu 18.04 ESM
- Ubuntu 20.04 LTS
- Ubuntu 22.04 LTS
- Ubuntu 23.10
- Ubuntu 24.04 LTS

Technical Details

Artifex Ghostscript before 10.03.1, when Tesseract is used for OCR, has a directory traversal issue that allows arbitrary file reading (and writing of error messages to arbitrary files) via OCRLanguage. For example, exploitation can use `debug_file /tmp/out` and `user_patterns_file /etc/passwd`.

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 at vulnerabilityandriskmanagement@gov.bc.ca

References

- [CVE-2024-24861 CVE-2024-25739 CVE-2024-26810 CVE-2024-29508 CVE-2024-29507 CVE-2024-29511 CVE-2024-26955 CVE-2024-27437 CVE-2024-26994](#)
- [Ubuntu Security Notices](#)