Overall rating: Critical

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

Summary

The Vulnerability and Risk Management (VRM) Team is aware that Ubuntu published security notices to address vulnerabilities in the Linux kernel affecting the following products:

- Ubuntu 14.04 ESM
- Ubuntu 16.04 ESM
- Ubuntu 18.04 ESM
- Ubuntu 20.04 LTS
- Ubuntu 22.04 LTS
- Ubuntu 23.10

Technical Details

The WebAudio `OscillatorNode` object was susceptible to a stack buffer overflow. This could have led to a potentially exploitable crash. This vulnerability affects Firefox < 122.

These vulnerabilities are rated as an overall **Critical** 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-2023-43040, CVE-2024-0745, CVE-2024-0741, CVE-2024-0749, CVE-2024-0193, CVE-2023-6817, CVE-2023-6040
- Ubuntu Security Notices