

## Overall Rating: Critical



This is a technical bulletin intended for technical audiences.

### Summary

The Vulnerability and Risk Management (VRM) Team has been made aware of a recently released Mozilla security advisories to address vulnerabilities in the following products:

- Firefox ESR – versions prior to 115.13
- Firefox – versions prior to 128

### Technical Details

Due to large allocation checks in Angle for GLSL shaders being too lenient an out-of-bounds access could occur when allocating more than 8192 ints in private shader memory on mac OS.

This vulnerability is rated as a **CRITICAL** risk. Software updates exist to address these risks.

### 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](mailto:vulnerabilityandriskmanagement@gov.bc.ca)

### References

- [CVE-2024-6600](#) [CVE-2024-6601](#) [CVE-2024-6602](#) [CVE-2024-6603](#) [CVE-2024-6604](#) [CVE-2024-6605](#) [CVE-2024-6606](#) [CVE-2024-6607](#) [CVE-2024-6608](#) [CVE-2024-6609](#) [CVE-2024-6610](#) [CVE-2024-6611](#) [CVE-2024-6612](#) [CVE-2024-6613](#) [CVE-2024-6614](#) [CVE-2024-6615](#)
- [Mozilla Security Advisory - MFSA 2024-30](#)
- [Mozilla Security Advisory - MFSA 2024-29](#)
- [Mozilla Security Advisories](#)