

## Overall Rating - High



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

### Summary

The Vulnerability and Risk Management (VRM) Team is aware Mozilla published security advisories to address vulnerabilities in the following products:

- Firefox – versions prior to 121
- Firefox ESR – versions prior to 115.6
- Thunderbird – versions prior to 115.6

### Technical Details

The WebGL DrawElementsInstanced method was susceptible to a heap buffer overflow when used on systems with the Mesa VM driver. This issue could allow an attacker to perform remote code execution and sandbox escape.

These vulnerabilities are rated as an overall **High** 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-2023-6865, CVE-2023-6856, CVE-2023-6857, CVE-2023-6858, CVE-2023-6859, CVE-2023-6860, CVE-2023-6864
- [Mozilla Security Advisory - MFSA 2023-54](#)
- [Mozilla Security Advisory - MFSA 2023-55](#)
- [Mozilla Security Advisory - MFSA 2023-56](#)
- [Mozilla Security Advisories](#)

