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Mozilla Security



# Mozilla Foundation Security Advisory 2025-01

## Security Vulnerabilities fixed in Firefox 134

**Announced** January 7, 2025

**Impact** high

**Products** Firefox

**Fixed in** Firefox 134

[Update March 4, 2025] *We discovered a Skia library update in Firefox 134 fixed CVE-2024-43097*

### # CVE-2024-43097: Overflow when growing an SkRegion's RunArray

**Reporter** Google Android

**Impact** critical

#### Description

In `resizeToAtLeast` of `SkRegion.cpp`, there was a possible out of bounds write due to an integer overflow

#### References

[Bug 1945624](#)

## # CVE-2025-0244: Address bar spoofing using an invalid protocol scheme on Firefox for Android

**Reporter** Umar Farooq

**Impact** high

### Description

When redirecting to an invalid protocol scheme, an attacker could spoof the address bar.

*Note: This issue only affected Android operating systems. Other operating systems are unaffected.*

### References

[Bug 1929584](#)

## # CVE-2025-0245: Lock screen setting bypass in Firefox Focus for Android

**Reporter** Jurrie Overgoor

**Impact** moderate

### Description

Under certain circumstances, a user opt-in setting that Focus should require authentication before use could have been be bypassed.

### References

[Bug 1895342](#)

## # CVE-2025-0246: Address bar spoofing using an invalid protocol scheme on Firefox for Android

**Reporter** James Lee

**Impact** moderate

### Description

When using an invalid protocol scheme, an attacker could spoof the address bar.

*Note: This issue only affected Android operating systems. Other operating systems are unaffected.*

\*Note: This issue is a different issue from CVE-2025-0244.

### References

[Bug 1912709](#)

## # CVE-2025-0237: WebChannel APIs susceptible to confused deputy attack

**Reporter** Andrew McCreight

**Impact** moderate

### Description

The WebChannel API, which is used to transport various information across processes, did not check the sending principal but rather accepted the principal being sent. This could have led to privilege escalation attacks.

### References

[Bug 1915257](#)

## # CVE-2025-0238: Use-after-free when breaking lines in text

**Reporter** Irvan Kurniawan

**Impact** moderate

### Description

Assuming a controlled failed memory allocation, an attacker could have caused a use-after-free, leading to a potentially exploitable crash.

### References

[Bug 1915535](#)

## # CVE-2025-0239: Alt-Svc ALPN validation failure when redirected

**Reporter** Paul Gerste

**Impact** moderate

### Description

When using Alt-Svc, ALPN did not properly validate certificates when the original server is redirecting to an insecure site.

### References

[Bug 1929156](#)

## # CVE-2025-0240: Compartment mismatch when parsing JavaScript JSON module

**Reporter** Nils Bars

**Impact** moderate**Description**

Parsing a JavaScript module as JSON could, under some circumstances, cause cross-compartment access, which may result in a use-after-free.

**References**

[Bug 1929623](#)

## # CVE-2025-0241: Memory corruption when using JavaScript Text Segmentation

**Reporter** Nils Bars**Impact** moderate**Description**

When segmenting specially crafted text, segmentation would corrupt memory leading to a potentially exploitable crash.

**References**

[Bug 1933023](#)

## # CVE-2025-0242: Memory safety bugs fixed in Firefox 134, Thunderbird 134, Firefox ESR 115.19, Firefox ESR 128.6, Thunderbird 115.19, and Thunderbird 128.6

**Reporter** Andrew McCreight, Tooru Fujisawa, and the Mozilla Fuzzing Team**Impact** high**Description**

Memory safety bugs present in Firefox 133, Thunderbird 133, Firefox ESR 115.18, Firefox ESR 128.5, Thunderbird 115.18, and Thunderbird 128.5. Some of these bugs showed evidence of memory corruption and we presume that with enough effort some of these could have been exploited to run arbitrary code.

**References**

[Memory safety bugs fixed in Firefox 134, Thunderbird 134, Firefox ESR 115.19, Firefox ESR 128.6, Thunderbird 115.19, and Thunderbird 128.6](#)

## # CVE-2025-0243: Memory safety bugs fixed in Firefox 134, Thunderbird 134, Firefox ESR 128.6, and Thunderbird 128.6

**Reporter** Andrew Osmond and the Mozilla Fuzzing Team

**Impact**

moderate

**Description**

Memory safety bugs present in Firefox 133, Thunderbird 133, Firefox ESR 128.5, and Thunderbird 128.5. Some of these bugs showed evidence of memory corruption and we presume that with enough effort some of these could have been exploited to run arbitrary code.

**References**

[Memory safety bugs fixed in Firefox 134, Thunderbird 134, Firefox ESR 128.6, and Thunderbird 128.6](#)

## # CVE-2025-0247: Memory safety bugs fixed in Firefox 134 and Thunderbird 134

**Reporter** Akmat Suleimanov, Jed Davis, André Bargull, and the Mozilla Fuzzing Team

**Impact**

high

**Description**

Memory safety bugs present in Firefox 133 and Thunderbird 133. Some of these bugs showed evidence of memory corruption and we presume that with enough effort some of these could have been exploited to run arbitrary code.

**References**

[Memory safety bugs fixed in Firefox 134 and Thunderbird 134](#)

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