



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Cross-Site Scripting (XSS) Vulnerability in Elastic Kibana**

Tracking #:432318161

Date:22-12-2025

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Elastic has disclosed a high-severity cross-site scripting (XSS) vulnerability affecting multiple versions of Kibana.

## TECHNICAL DETAILS:

Elastic has disclosed a high-severity cross-site scripting (XSS) vulnerability affecting multiple versions of Kibana across the 7.x, 8.x, and 9.x release lines. Identified as CVE-2025-68385 and tracked under ESA-2025-34, the vulnerability arises from improper neutralization of user input during web page generation within Kibana's Vega visualization framework.

### Vulnerability Details

- **CVE ID:** CVE-2025-68385
- **CVSS v3.1 Score:** 7.2 (High)
- Improper neutralization of input during web page generation ('Cross-site Scripting') (CWE-79) allows an authenticated user to embed a malicious script in content that will be served to web browsers causing cross-site scripting (XSS) (CAPEC-63) via a method in Vega bypassing a previous Vega XSS mitigation.
- **Affected Versions:**
  - 7.x: All versions
  - 8.x: All versions from 8.0.0 up to and including 8.19.8
  - 9.x:
    - All versions from 9.0.0 up to and including 9.1.8
    - All versions from 9.2.0 up to and including 9.2.2
- **Fixed Version:**
  - 8.19.9, 9.1.9, and 9.2.3
- **Mitigations:**
  - **For Users that Cannot Upgrade:**  
Self-hosted  
For on premise installations, can set `vis_type_vega.enabled: false` in `kibana.yml` file. Note that this will disable all Vega charts in Kibana.
  - **Cloud**  
For Elastic Cloud services deployments, can set `vis_type_vega.enabled: false` in kibana user settings. Note that this will disable all Vega charts in Kibana.

## RECOMMENDATIONS:

- Install the patched versions of Kibana and apply provided mitigation guidance for environments unable to upgrade immediately.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.



## REFERENCES:

- <https://discuss.elastic.co/t/kibana-8-19-9-9-1-9-and-9-2-3-security-update-esa-2025-34/384182>