XSS and CSP bypass in app.diagrams.net in jgraph/drawio

0

Valid Reported on Nov 3rd 2022

Description

The application reflects an input from the url without sanitizing it. With a csp bypass from apis.google.com its possible to execute javascript code.

Proof of Concept

```
https://app.diagrams.net/?ui=min&p=tickets#_TICKETS%7B%22ticketsConfig%22%3
```

Impact

XSS, Phishing

Occurrences

JS tickets.js L83

A fix would be use `mxUtils.htmlEntities(var)` , as it used in other places

CVE
CVE-2022-3873
(Published)

Vulnerability Type
CWE-79: Cross-site Scripting (XSS) - DOM

Severity
Medium (6.5)

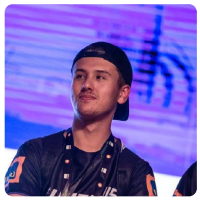
Registry
Other

Affected Version
20.5.0

Visibility
Public

Status
Fixed

Found by



Joao Vitor Maia
@joaovitormaia
legend

This report was seen 840 times.

We are processing your report and will contact the **jgraph/drawio** team within 24 hours.
22 days ago

David Benson validated this vulnerability 22 days ago

Another good catch

Joao Vitor Maia has been awarded the disclosure bounty ✔

The fix bounty is now up for grabs

The researcher's credibility has increased: +7

David Benson marked this as fixed in **20.5.2** with commit **d37894** 20 days ago

The fix bounty has been dropped ✖

This vulnerability has been assigned a CVE ✔

tickets.js#L83 has been validated ✔

David Benson published this vulnerability 20 days ago

Sign in to join this conversation