huntr

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

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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 <code>mxUtils.htmlEntities(var)</code>, as it used in other places

CVE

CVE-2022-3873 (Published)

Vulnerability Type

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

Severity

Medium (6.5)

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Registry Other		
Affected Versio 20.5.0	n	
Visibility Public		
Status Fixed		
Found by	Joao Vitor Maia @joaovitormaia legend	
This report was	seen 840 times.	
We are pro 22 days ago	cessing your report and will contact the jgraph/drawio team wi	thin 24 hours.
David Ben	son validated this vulnerability 22 days ago	
Another good	d catch	
Joao Vitor I	Maia has been awarded the disclosure bounty ✓	
The fix bou	nty is now up for grabs	
The research	cher's credibility has increased: +7	
David Ben	son marked this as fixed in 20.5.2 with commit d37894 20 days	ago
The fix bou	nty has been dropped 🗶	
This vulner	ability has been assigned a CVE 🗸	
tickets.js#L	.83 has been validated 🗸	Chat with us

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