CVE-2020-15092

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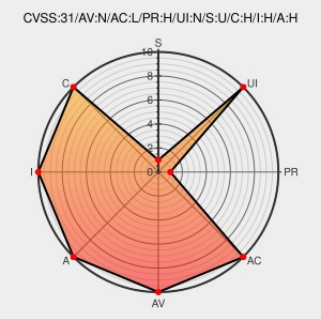
CVE-2020-15092 - advisory for GHSA-2jpm-827p-j44g

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Timelinejs from Northwestern contain the following vulnerability:

In TimelineJS before version 3.7.0, some user data renders as HTML. An attacker could implement an XSS exploit with maliciously crafted content in a number of data fields. This risk is present whether the source data for the timeline is stored on Google Sheets or in a JSON configuration file. Most TimelineJS users configure their timeline with a Google Sheets document. Those users are exposed to this vulnerability if they grant write access to the document to a malicious inside attacker, if the access of a trusted user is compromised, or if they grant public write access to the document. Some TimelineJS users configure their timeline with a JSON document. Those users are exposed to this vulnerability if they grant write access to the document to a malicious inside attacker, if the access of a trusted user is compromised, or if write access to the system hosting that document is otherwise compromised. Version 3.7.0 of TimelineJS addresses this in two ways. For content which is intended to support limited HTML markup for styling and linking, that content is "sanitized" before being added to the DOM. For content intended for simple text display, all markup is stripped. Very few users of TimelineJS actually install the TimelineJS code on their server. Most users publish a timeline using a URL hosted on systems we control. The fix for this issue is published to our system such that **those users will automatically begin using the new code**. The only exception would be users who have deliberately edited the embed URL to "pin" their timeline to an earlier version of the code. Some users of TimelineJS use it as a part of a wordpress plugin (knight-lab-timelinejs). Version 3.7.0.0 of that plugin and newer integrate the updated code. Users are encouraged to update the plugin rather than manually update the embedded version of TimelineJS.

CVE-2020-15092 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **NUKnightLab** - **TimelineJS3** version **< 3.7.0**

CVSS3 Score: 4.8 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	HIGH	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	LOW	LOW	NONE

CVSS2 Score: 3.5 - LOW

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Posts | Knight Lab	Vendor Advisory knightlab.northwestern.edu text/html	MISC knightlab.northwestern.edu/posts/
Stored XSS vulnerability when rendering data · Advisory · NUKnightLab/TimelineJS3 · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/NUKnightLab/TimelineJS3/security/advisories/GHSA-2jpm-827p-j44g

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Northwestern	Timelinejs	All	All	All	All
Application	Northwestern	Timelinejs	All	All	All	All

cpe:2.3:a:northwestern:timelinejs:*:*:*:*:*:*:*:*:

cpe:2.3:a:northwestern:timelinejs:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report