CVE-2019-16763

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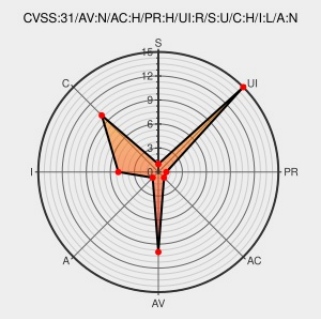
CVE-2019-16763 - advisory for GHSA-m52x-29pq-w3vv

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



Certain versions of Pannellum from Pannellum contain the following vulnerability:

In Pannellum from 2.5.0 through 2.5.4 URLs were not sanitized for data URIs (or vbscript:), allowing for potential XSS attacks. Such an attack would require a user to click on a hot spot to execute and would require an attacker-provided configuration. The most plausible potential attack would be if pannellum.htm was hosted on a domain that shared cookies with the targeted site's user authentication; an <iframe> could then be embedded on the attacker's site using pannellum.htm from the targeted site, which would allow the attacker to potentially access information from the targeted site as the authenticated user (or worse if the targeted site did not have adequate CSRF protections) if the user clicked on a hot spot in the attacker's embedded panorama viewer. This was patched in version 2.5.5.

CVE-2019-16763 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **mpretroff** - **pannellum** version = **2.5.0**

Affected Vendor/Software: **mpretroff** - **pannellum** version = **2.5.1**

Affected Vendor/Software: **mpretroff** - **pannellum** version = **2.5.2**

Affected Vendor/Software: **mpretroff** - **pannellum** version = **2.5.3**

Affected Vendor/Software: **mpretroff** - **pannellum** version = **2.5.4**

Vulnerability Patch/Work Around

Don't host pannellum.htm on a domain that shares cookies with user authentication.

CVSS3 Score: 6.1 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED

Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	LOW	LOW	NONE

CVSS2 Score: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
XSS vulnerability · Advisory · mpetroff/pannellum · GitHub	Third Party Advisory, github.com, text/html	CONFIRM github.com/mpetroff/pannellum/security/advisories/GHSA-m52x-29pq-w3vv
Merge pull request from GHSA-m52x-29pq-w3vv · mpetroff/pannellum@cc2f3d9 · GitHub	Patch, github.com, text/html	MISC github.com/mpetroff/pannellum/commit/cc2f3d99953de59db908e0c6efd1c2c17f7c6914

Related QID Numbers

983998 Nodejs (npm) Security Update for pannellum (GHSA-m52x-29pq-w3vv)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Pannellum	Pannellum	All	All	All	All

cpe:2.3:a:pannellum:pannellum:*:*:*:*:*:*:*:*:

Discovery Credit

Thank you to Max Schaefer of GitHub Security Lab for reporting this issue.

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