

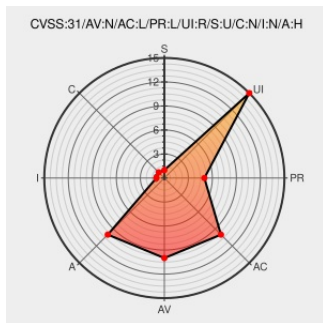


CVE-2021-29453

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CVE-2021-29453 - advisory for GHSA-j889-h476-hh9h

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Matrix-media-repo](#) from [Matrix-media-repo Project](#) contain the following vulnerability:

matrix-media-repo is an open-source multi-domain media repository for Matrix. Versions 1.2.6 and earlier of matrix-media-repo do not properly handle malicious images which are crafted to be small in file size, but large in complexity. A malicious user could upload a relatively small image in terms of file size, using particular image formats, which

expands to have extremely large dimensions during the process of thumbnailing. The server can be exhausted of memory in the process of trying to load the whole image into memory for thumbnailing, leading to denial of service. Version 1.2.7 has a fix for the vulnerability.

CVE-2021-29453 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: turt2live - matrix-media-repo version <= 1.2.6

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

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

CVE References

Description

Tags

Link

Docker Hub

hub.docker.com

text/html

MISC

hub.docker.com/r/turt2live/matrix-media-repo/tags?page=1&ordering=last_updated

Denial of service through memory exhaustion · Advisory · turt2live/matrix-media-repo · GitHub

github.com

text/html

CONFIRM

github.com/turt2live/matrix-media-repo/security/advisories/GHSA-j889-h476-hh9h

Release v1.2.7 · turt2live/matrix-media-repo · GitHub

github.com

text/html

MISC

github.com/turt2live/matrix-media-repo/releases/tag/v1.2.7

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type

Vendor

Product

Version

Update

Edition

Language

Application

Matrix-media-repo Project

Matrix-media-repo

All

All

All

All

cpe:2.3:a:matrix-media-repo_project:matrix-media-repo:*****:***:

No vendor comments have been submitted for this CVE

Social Mentions

Source

Title

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