CVE-2021-39214

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CVE-2021-39214 - advisory for GHSA-22gh-3r9q-xf38

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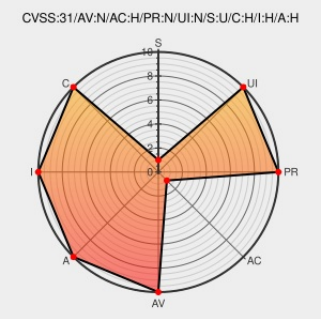

Certain versions of Mitmproxy from Mitmproxy contain the following vulnerability:

mitmproxy is an interactive, SSL/TLS-capable intercepting proxy. In mitmproxy 7.0.2 and below, a malicious client or server is able to perform HTTP request smuggling attacks through mitmproxy. This means that a malicious client/server could smuggle a request/response through mitmproxy as part of another request/response's HTTP message body. While a smuggled request is still captured as part of another request's body, it does not appear in the request list and does not go through the usual mitmproxy event hooks, where users may have implemented custom access control checks or input sanitization. Unless one uses mitmproxy to protect an HTTP/1 service, no action is required. The vulnerability has been fixed in mitmproxy 7.0.3 and above.

CVE-2021-39214 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **mitmproxy** - **mitmproxy** version **< 7.0.3**

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Lacking Protection against HTTP Request Smuggling in mitmproxy · Advisory · mitmproxy/mitmproxy · GitHub	github.com text/html	CONFIRM github.com/mitmproxy/mitmproxy/security/advisories/GHSA-22gh-3r9q-xf38

Related QID Numbers

980381 Python (pip) Security Update for mitmproxy (GHSA-22gh-3r9q-xf38)

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:a:mitmproxy:mitmproxy:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-39214 : mitmproxy is an interactive, SSL/TLS-capable intercepting proxy. In mitmproxy 7.0.2 and below, a m… twitter.com/i/web/status/1…	2021-09-16 15:13:11
@threatmeter	CVE-2021-39214 mitmproxy is an interactive, SSL/TLS-capable intercepting proxy. In mitmproxy 7.0.2 and below, a mal… twitter.com/i/web/status/1…	2021-09-17 07:09:45

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