CVE-2022-31033

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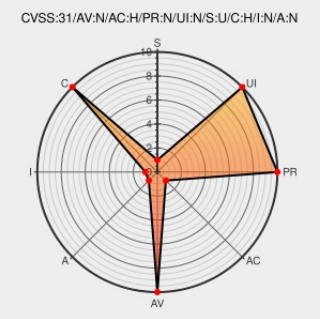
CVE-2022-31033 - advisory for GHSA-64qm-hrgp-pgr9

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



Certain versions of Fedora from Fedoraproject contain the following vulnerability:

The Mechanize library is used for automating interaction with websites. Mechanize automatically stores and sends cookies, follows redirects, and can follow links and submit forms. In versions prior to 2.8.5 the Authorization header is leaked after a redirect to a different port on the same site. Users are advised to upgrade to Mechanize v2.8.5 or later. There are no known workarounds for this issue.

CVE-2022-31033 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **sparklemotion** - **mechanize** version **< 2.8.5**

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link

[SECURITY] Fedora 36 Update: rubygem-mechanize-2.8.5-1.fc36 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2022-6b1b324753
[SECURITY] Fedora 35 Update: rubygem-mechanize-2.8.5-1.fc35 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2022-fda14723ec
Merge pull request #600 from sparklemotion/flavorjones-redirect-headers · sparklemotion/mechanize@c7fe699 · GitHub	github.com text/html	MISC github.com/sparklemotion/mechanize/commit/c7fe6996a5b95f9880653ba3bc54
Authorization header leak on port redirect · Advisory · sparklemotion/mechanize · GitHub	github.com text/html	CONFIRM github.com/sparklemotion/mechanize/security/advisories/GHSA-6pgr9

Related QID Numbers

182532 Debian Security Update for ruby-mechanize (CVE-2022-31033)

282847 Fedora Security Update for rubygem (FEDORA-2022-fda14723ec)

282848 Fedora Security Update for rubygem (FEDORA-2022-6b1b324753)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Application	Mechanize Project	Mechanize	All	All	All	All

cpe:2.3:o:fedoraproject:fedora:35:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:36:*:*:*:*:*:*:*:

cpe:2.3:a:mechanize_project:mechanize:*:*:*:*:*:ruby:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-31033 : The Mechanize library is used for automating interaction with websites. Mechanize automatically st… twitter.com/i/web/status/1…	2022-06-09 20:05:09

/r/netcve	CVE-2022-31033	2022-06-09 21:38:39

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