CVE-2022-42731

Published on: Not Yet Published

Last Modified on: 10/11/2022 07:05:00 PM UTC

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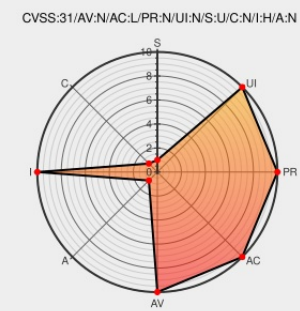
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Django-mfa2 from Django-mfa2 Project contain the following vulnerability:

mfa/FIDO2.py in django-mfa2 before 2.5.1 and 2.6.x before 2.6.1 allows a replay attack that could be used to register another device for a user. The device registration challenge is not invalidated after usage.

CVE-2022-42731 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

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	NONE	HIGH	NONE

CVE References

Description	Tags	Link
Release v2.5.1 - Security Updated · mkalioby/django-mfa2 · GitHub	github.com text/html	MISC github.com/mkalioby/django-mfa2/releases/tag/v2.5.1-release
django-mfa2/FIDO2.py at 0936ea253354dd95cb127f09d0efa31324caef27 · mkalioby/django-mfa2 · GitHub	github.com text/html	MISC github.com/mkalioby/django-mfa2/blob/0936ea253354dd95cb127f09d0efa31324caef27/mfa/FIDO2.py#L5
Release v2.6.1 - Security Update · mkalioby/django-mfa2 · GitHub	github.com text/html	MISC github.com/mkalioby/django-mfa2/releases/tag/v2.6.1-release

There are currently no QIDs associated with this CVE

Exploit/POC from Github

This repository contains a collection of data files on known Common Vulnerabilities and Exposures (CVEs). Each file i…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Django-mfa2 Project	Django-mfa2	All	All	All	All

cpe:2.3:a:django-mfa2_project:django-mfa2:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-42731 : mfa/FIDO2.py in django-mfa2 before 2.5.1 and 2.6.x before 2.6.1 allows a replay attack that could… twitter.com/i/web/status/1…	2022-10-11 14:07:28
@Inceptus3	New Vulnerability: CVE-2022-42731 #InceptusSecure #UnderOurProtection	2022-10-11 16:19:31
/r/netcve	CVE-2022-42731	2022-10-11 14:38:40

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