CVE-2021-23385

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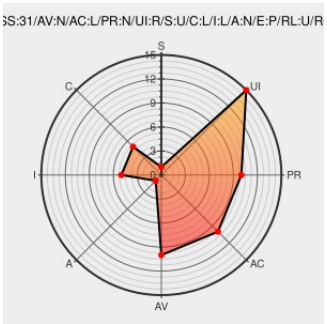
CVE-2021-23385

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



Certain versions of Flask-security from Flask-security Project contain the following vulnerability:

This affects all versions of package Flask-Security. When using the get_post_logout_redirect and get_post_login_redirect functions, it is possible to bypass URL validation and redirect a user to an arbitrary URL by providing multiple back slashes such as \\\evil.com/path. This vulnerability is only exploitable if an alternative WSGI server other than Werkzeug is used, or the default behaviour of Werkzeug is modified using 'autocorrect_location_header=False. **Note:** Flask-Security is not maintained anymore.

CVE-2021-23385 has been assigned by report@snyk.io to track the vulnerability - currently rated as MEDIUM severity.

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

CVE References

Description	Tags	Link
GitHub - mattupstate/flask-security: Quick and simple security for Flask applications	github.com text/html	MISC github.com/mattupstate/flask-security
[SECURITY] [DLA 3545-1] flask-security security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20230828 [SECURITY] [DLA 3545-1] flask-security security update
Open Redirect in flask-security | CVE-2021-23385 | Snyk	security.snyk.io text/html	MISC security.snyk.io/vuln/SNYK-PYTHON-FLASKSECURITY-1293234
URL confusion vulnerabilities in the wild: Exploring parser inconsistencies | Snyk	snyk.io text/html	MISC snyk.io/blog/url-confusion-vulnerabilities/

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Related QID Numbers

181894 Debian Security Update for flask-security (CVE-2021-23385)

376262 Python Flask-Security Plugin Open Redirect Vulnerability

6000087 Debian Security Update for flask-security (DLA 3545-1)

752761 SUSE Enterprise Linux Security Update for python-Flask-Security-Too (SUSE-SU-2022:3867-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Flask-security Project	Flask-security	All	All	All	All

cpe:2.3:a:flask-security_project:flask-security:*:*:*:*:*:*:*:*:

Discovery Credit

Noam Moshe of Claroty

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-23385 : This affects all versions of package Flask-Security. When using the get_post_logout_redirect and… twitter.com/i/web/status/1…	2022-08-02 13:37:15
@LinInfoSec	Python - CVE-2021-23385: security.snyk.io/vuln/SNYK-PYTH…	2022-08-02 17:00:19
@4ng3n01r3	#CyberSecurity #Security #CERT #CVE #Nist #Analysed #breach #vulnerability : CVE-2021-23385 (flask-security)	2022-08-12 06:07:04
/r/netcve	CVE-2021-23385	2022-08-02 14:39:47

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