

Open Redirect

Affecting flask-security package, versions [0,

INTRODUCED: 18 MAY 2021 CVE-2021-23385 CWE-601 FIRST ADDED BY SNYK Share

How to fix?

There is no fixed version for Flask-Security .

Overview

Flask-Security is a Simple security for Flask apps.

Affected versions of this package are vulnerable to Open Redirect. 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.

References

- Flask-Security GitHub Repository
- URL Confusion Explained - Snyk Blog

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Exploit Maturity Proof of concept

Attack Complexity Low

User Interaction Required

See more

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Snyk ID SNYK-PYTHON-FLASKSECURITY-1293234

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Credit Noam Moshe of Claroty

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