



CVE-2019-16766

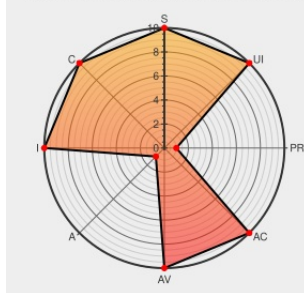
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CVE-2019-16766 - advisory for GHSA-89px-ww3j-g2mm

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:N



Certain versions of [Wagtail-2fa](#) from [Labdigital](#) contain the following vulnerability:

When using wagtail-2fa before 1.3.0, if someone gains access to someone's Wagtail login credentials, they can log into the CMS and bypass the 2FA check by changing the URL. They can then add a new device and gain full access to the CMS. This problem has been patched in version 1.3.0.

CVE-2019-16766 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Lab Digital](#) - wagtail-2fa version < 1.3.0

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **4 - MEDIUM**

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

CVE References

Description	Tags	Link
Allow a limited list of paths when user has device ·	Patch	MISC github.com/labd/wagtail-

labd/wagtail-2fa@a6711b2 · GitHub	Third Party Advisory github.com text/html	2fa/commit/a6711b29711729005770ff481b22675b35ff5c81
Update changelog for 1.3.0 release · labd/wagtail-2fa@13b1299 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/labd/wagtail-2fa/commit/13b12995d35b566df08a17257a23863ab6efb0ca
2FA bypass through new device path · Advisory · labd/wagtail-2fa · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/LabD/wagtail-2fa/security/advisories/GHSA-89px-ww3j-g2mm

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Related QID Numbers

983065 Python (pip) Security Update for wagtail-2fa (GHSA-89px-ww3j-g2mm)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Labdigital	Wagtail-2fa	All	All	All	All
Application	Labdigital	Wagtail-2fa	All	All	All	All
cpe:2.3:a:labdigital:wagtail-2fa:*:*:*:*:*:						
cpe:2.3:a:labdigital:wagtail-2fa:*:*:*:*:*:						

No vendor comments have been submitted for this CVE