CVE-2018-20231

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CVE-2018-20231

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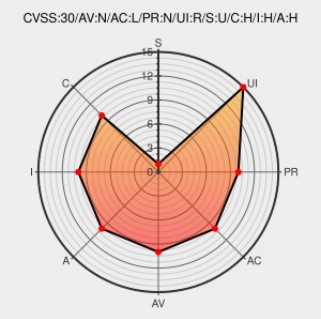

Certain versions of Two-factor-authentication from Simbahosting contain the following vulnerability:

Cross Site Request Forgery (CSRF) in the two-factor-authentication plugin before 1.3.13 for WordPress allows remote attackers to disable 2FA via the tfa_enable_tfa parameter due to missing nonce validation.

CVE-2018-20231 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.8 - MEDIUM

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

CVE References

Description	Tags	Link
WordPress › Two Factor Authentication « WordPress Plugins	Third Party Advisory, wordpress.org, text/html	MISC wordpress.org/plugins/two-factor-authentication/#developers
Two Factor Authentication <= 1.3.12 - Disable Two Factor	Third Party Advisory	MISC wpvulndb.com/vulnerabilities/9187

Authentication CSRF	web.archive.org text/html Inactive Link Not Archived	
Two Factor Authentication Cross Site Request Forgery (CSRF) vulnerability (CVE-2018-20231) – PrivacyWise	Exploit Third Party Advisory www.privacy-wise.com text/html	MISC www.privacy-wise.com/two-factor-authentication-cross-site-request-forgery-csrf-vulnerability-cve-2018-20231/

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Simbahosting	Two-factor-authentication	All	All	All	All
Application	Simbahosting	Two-factor-authentication	All	All	All	All

cpe:2.3:a:simbahosting:two-factor-authentication:*:*:*:*:*:wordpress:*:*:

cpe:2.3:a:simbahosting:two-factor-authentication:*:*:*:*:*:wordpress:*:*:

No vendor comments have been submitted for this CVE

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